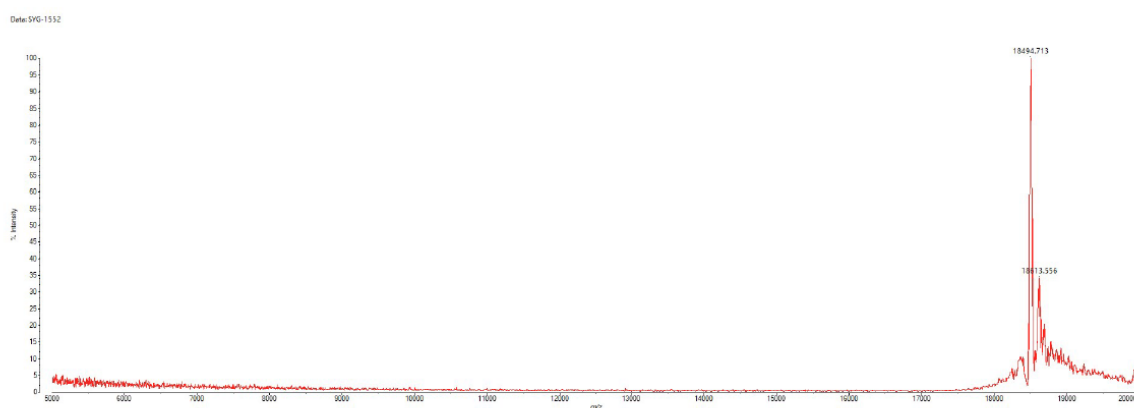


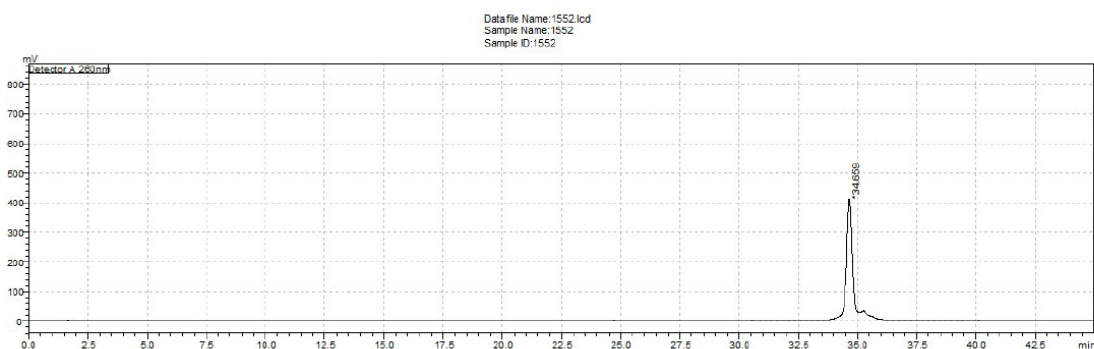
## Supplementary information

Sequence Information	
Sequence Name:	PNAT524_NCL
Sequence(5'-3'):	FAM/mA*mC*mC*mA*mG*mC*mC*mA*mC*mC*mU*mC*mC*mU*mG*mG*mA*mU*mG*mG*mU*mC*mU*mA*mA*/Thiol C6 S-S/dGdGdTdGdGdTdGdGdTdGdGdTdGdTdGdTdGdGdTdGdGdTdGdG/Cy3
Number of Bases : 51   Scale : 1umol   Chemistry : Mixed   Linkage : Mixed   Purification : HPLC	
Amount of Oligo	Molecular Weight
OD260:	76.20
Extinction Coefficient:	537500 L/(mole.cm)
Number of nmoles:	141.77
Amount in mg:	2.54
For 100 µM Concentration : Add 1417.67 µL	
Charts & Notes	

### MALDI TOF :

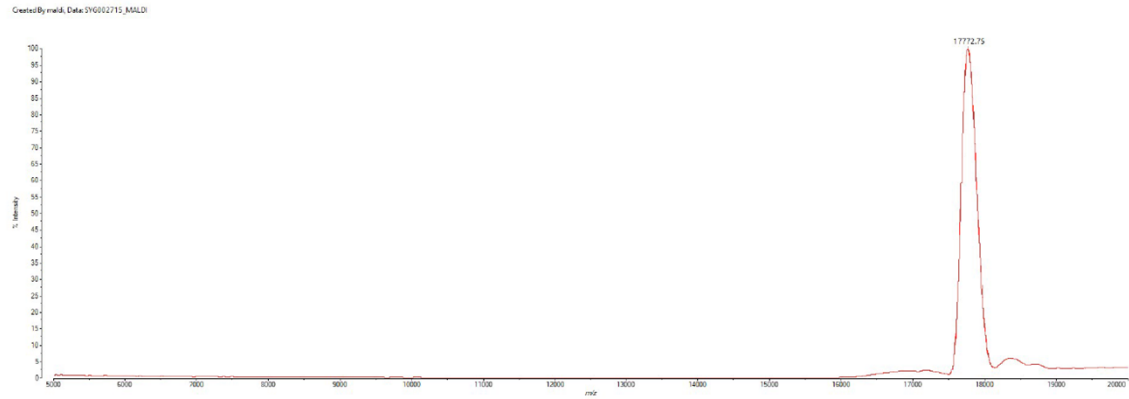


### HPLC :

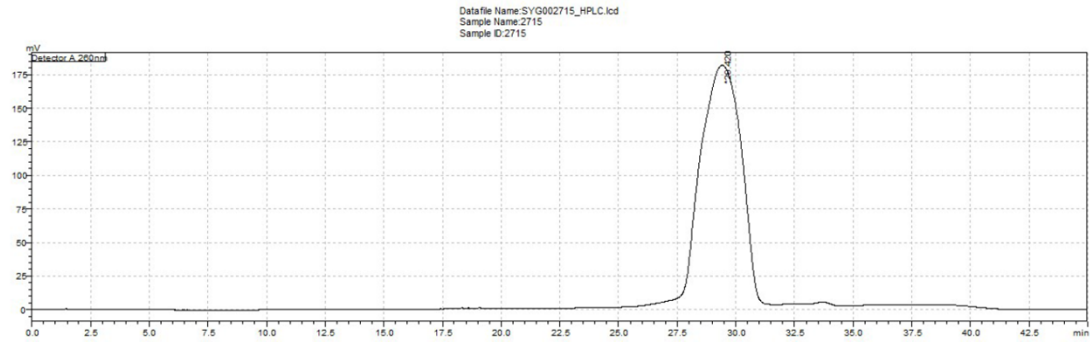


Sequence Information	
Sequence Name:	PNAT524_S2.2
Sequence (5'-3'):	/FAM/mA*mC*mC*mA*mG*mC*mC*mA*mC*mC*mU*mC*mC*mU*mG*mG*mA*mU*mG*mG*mU*mC*mU*mA*mA/TEG/dGdCdAdGdTdTdGdAdTdCdCdTdTdTdGdGdAdTdAdCdCdCdTdGdG/Cy3/
Number of Bases : 50   Scale : 1umol   Chemistry : Mixed   Linkage : Mixed   Purification : HPLC	
Amount of Oligo	Molecular Weight
OD260:	89.10
Extinction Coefficient:	547900 L/(mole.cm)
nmol/ml:	162.62
Amount in mg:	2.88
For 100 µM Concentration : Add 1626.21 µL	
Charts & Notes	

MALDI TOF :

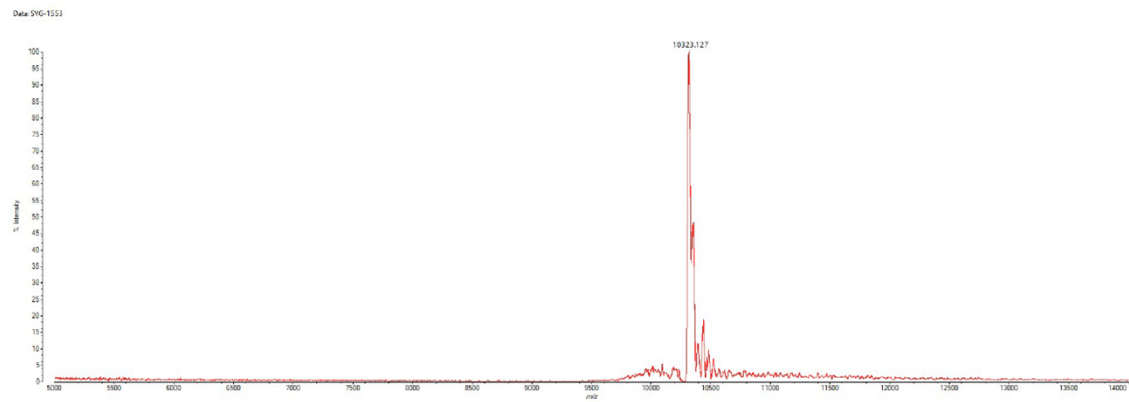


HPLC :

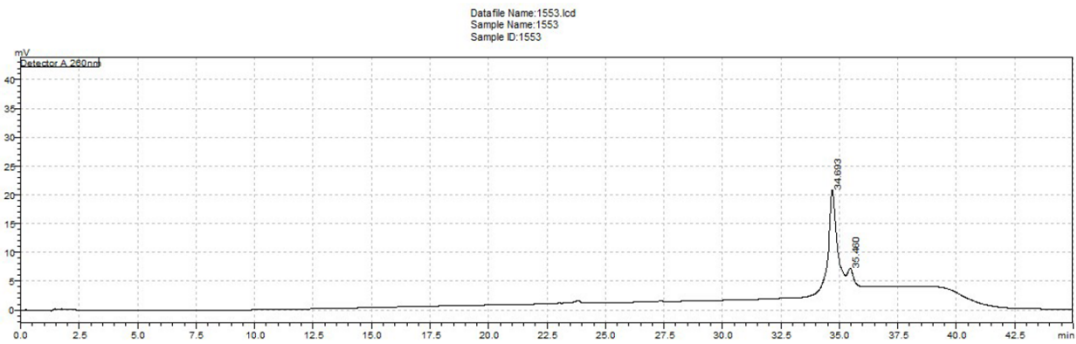


Sequence Information	
Sequence Name:	PNAT524_VitE
Sequence(5'-3'):	FAM/mA*mC*mC*mA*mG*mC*mC*mA*mC*mU*mC*mC*mU*mG*mG*mA*mU*mG*mC*mU* mC*mU*mA*mA*/Thiol C6 S-S/VitE
Number of Bases : 25   Scale : 1umol   Chemistry : 2'OMe   Linkage : PS   Purification : HPLC	
Amount of Oligo	Molecular Weight
OD260:	52.50
Extinction Coefficient:	278300 L/(mole.cm)
Number of nmoles:	188.65
Amount in mg:	1.94
For 100 µM Concentration : Add 1886.45 µL	
Charts & Notes	

MALDI TOF :

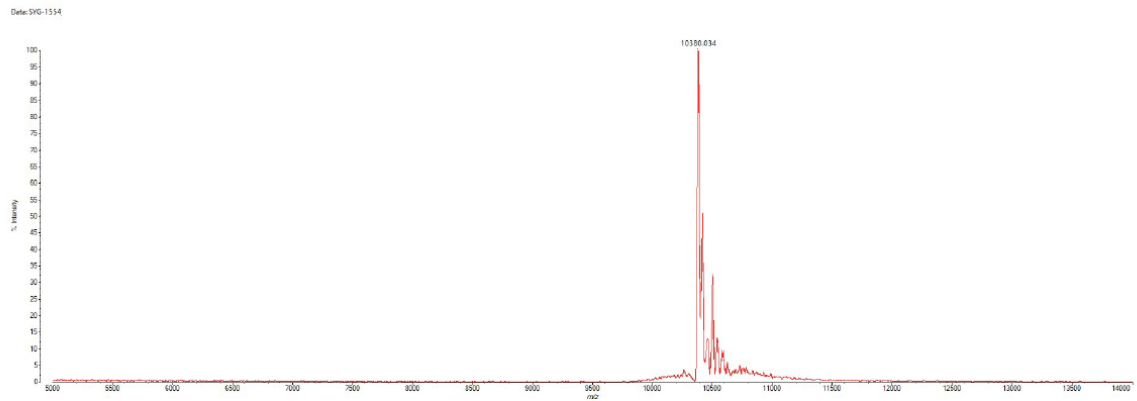


HPLC :

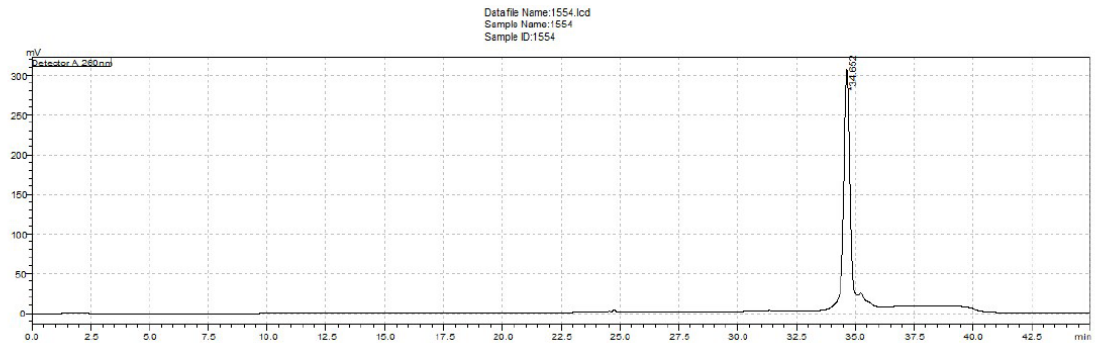


Sequence Information	
Sequence Name:	PNAT524_cholesterol
Sequence(5'-3'):	FAM/mA*mC*mC*mA*mG*mC*mC*mA*mC*mC*mU*mC*mC*mU*mG*mG*mA*mU*mG*mG*mU* mC*mU*mA*mA*/Thiol C6 S-S/Cholesterol
Number of Bases : 25   Scale : 1umol   Chemistry : 2'OMe   Linkage : PS   Purification : HPLC	
Amount of Oligo	Molecular Weight
OD260:	49.05
Extinction Coefficient:	278300 L/(mole.cm)
Number of nmoles:	176.25
Amount in mg:	1.82
For 100 µM Concentration : Add 1762.49 µL	
Charts & Notes	

MALDI TOF :



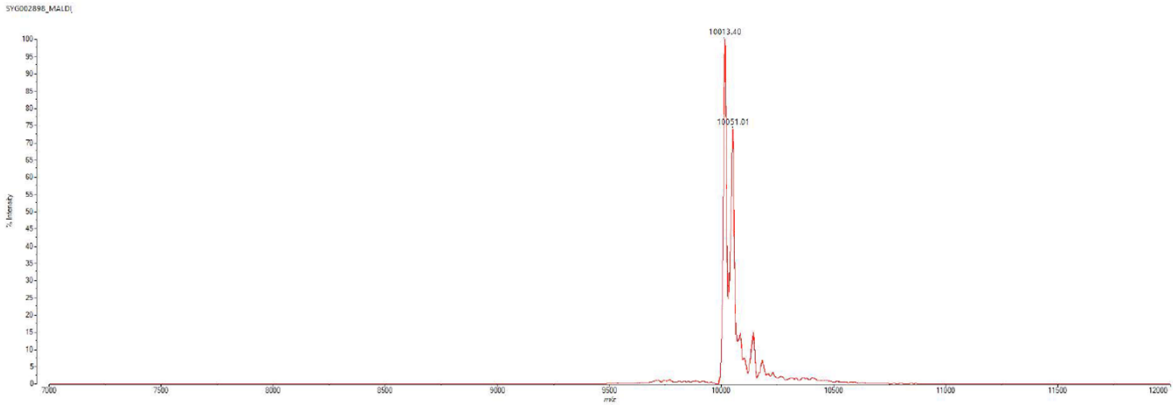
HPLC :



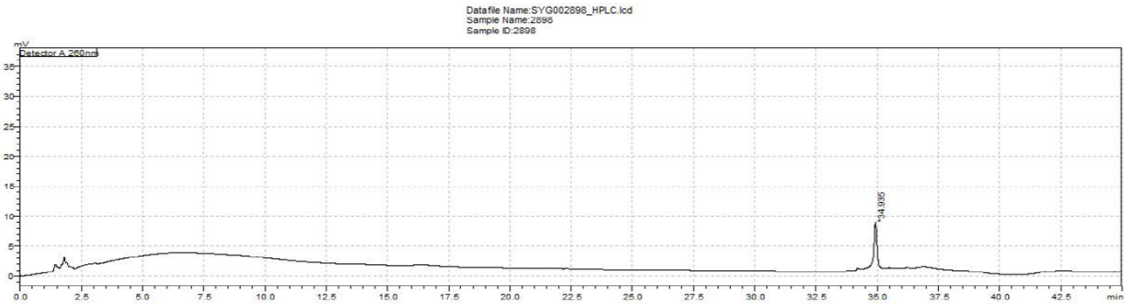
Sequence Information	
Sequence Name:	PNAT524_cholesterol_NL
Sequence (5'-3'): FAM/mA*mC*mC*mA*mG*mC*mC*mA*mC*mC*mU*mC*mC*mU*mG*mG*mA*mU*mG*mG*mU*mC*mU*mA*mA/Cholesterol	
Number of Bases : 25   Scale : 1µmol   Chemistry : 2'OME   Linkage : PS   Purification : HPLC	
Amount of Oligo	Molecular Weight
OD260:	11.70
Extinction Coefficient:	286900 L/(mole.cm)
nmol/ml:	40.78
Amount in mg:	0.41
For 100 µM Concentration : Add 407.81µL	

Charts & Notes

MALDI TOF :

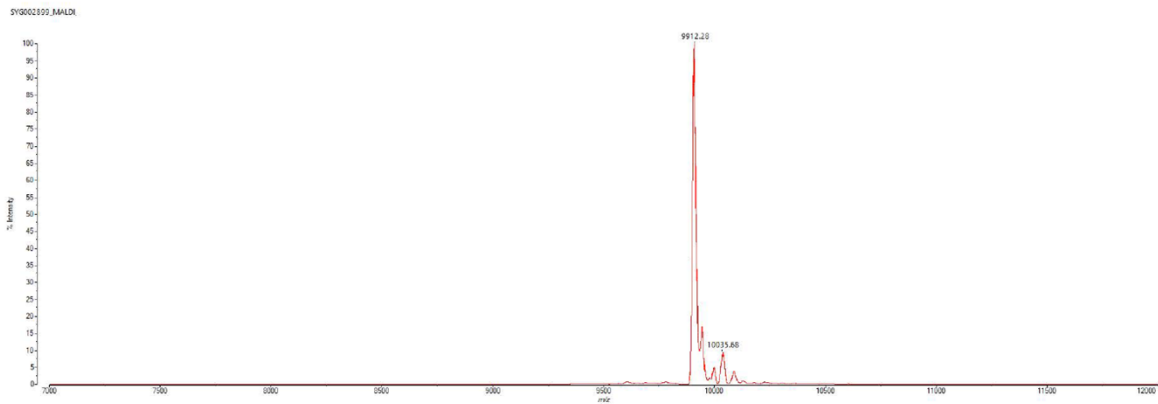


HPLC :



Sequence Information		
Sequence Name: SCR524_cholesterol		
Sequence (5'–3'): mU*mU*mA*mG*mA*mC*mC*mA*mU*mC*mC*mA*mG*mG*mA*mG*mG*mU*mG*mG*mC*mU*mG*mC*mU-S-S/Cholesterol		
Number of Bases : 25   Scale : 1µmol   Chemistry : 2'OME   Linkage : PS   Purification : HPLC		
Amount of Oligo		Molecular Weight
OD260:	20.25	Calculated: 9888.25 Da
Extinction Coefficient:	276900 L/(mole.cm)	
nmol/ml:	73.13	Found: 9912.28 (+Na) Da
Amount in mg:	0.72	
For 100 µM Concentration : Add 731.31µL		
Charts & Notes		

MALDI TOF :



HPLC :

