Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
Data File : FC066656.D
Signal(s) : FID1A.ch
Acq On : 20 Jun 2024 20:34
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 21 02:06:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
Quant Title : GC Extractables
QLast Update : Mon Jun 17 13:44:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.533	3279472	19.013 ug/ml
Spiked Amount	50.000		Recovery =	38.03%
12) S	1-chlorooctadecane (S...	12.971	2597595	18.826 ug/ml
Spiked Amount	50.000		Recovery =	37.65%
	Target Compounds			
1) T	n-Nonane (C9)	3.295	2694064	18.542 ug/ml
2) T	n-Decane (C10)	4.362	2849491	19.103 ug/ml
3) T	A~Naphthalene (C11.7)	5.944	3121574	19.226 ug/ml
4) T	n-Dodecane (C12)	6.380	2901501	19.145 ug/ml
5) T	A~2-methylnaphthalene...	7.001	3042713	19.153 ug/ml
6) T	n-Tetradecane (C14)	8.176	2914646	19.215 ug/ml
7) T	n-Hexadecane (C16)	9.777	3090845	19.295 ug/ml
8) T	n-Octadecane (C18)	11.219	3189877	19.225 ug/ml
10) T	n-Eicosane (C20)	12.528	3113399	19.152 ug/ml
11) T	n-Heneicosane (C21)	13.139	3063995	19.016 ug/ml
13) T	n-Docosane (C22)	13.726	3080130	19.212 ug/ml
14) T	n-Tetracosane (C24)	14.829	3096415	19.510 ug/ml
15) T	n-Hexacosane (C26)	15.849	3006614	19.690 ug/ml
16) T	n-Octacosane (C28)	16.799	3001040	20.805 ug/ml
17) T	n-Tricontane (C30)	17.686	3128003	22.389 ug/ml
18) T	n-Dotriacontane (C32)	18.519	3047892	23.095 ug/ml
19) T	n-Tetratriacontane (C34)	19.303	2760880	22.324 ug/ml
20) T	n-Hexatriacontane (C36)	20.042	2495138	20.703 ug/ml
21) T	n-Octatriacontane (C38)	20.772	2381874	20.830 ug/ml
22) T	n-Tetracontane (C40)	21.673	2171893	19.338 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

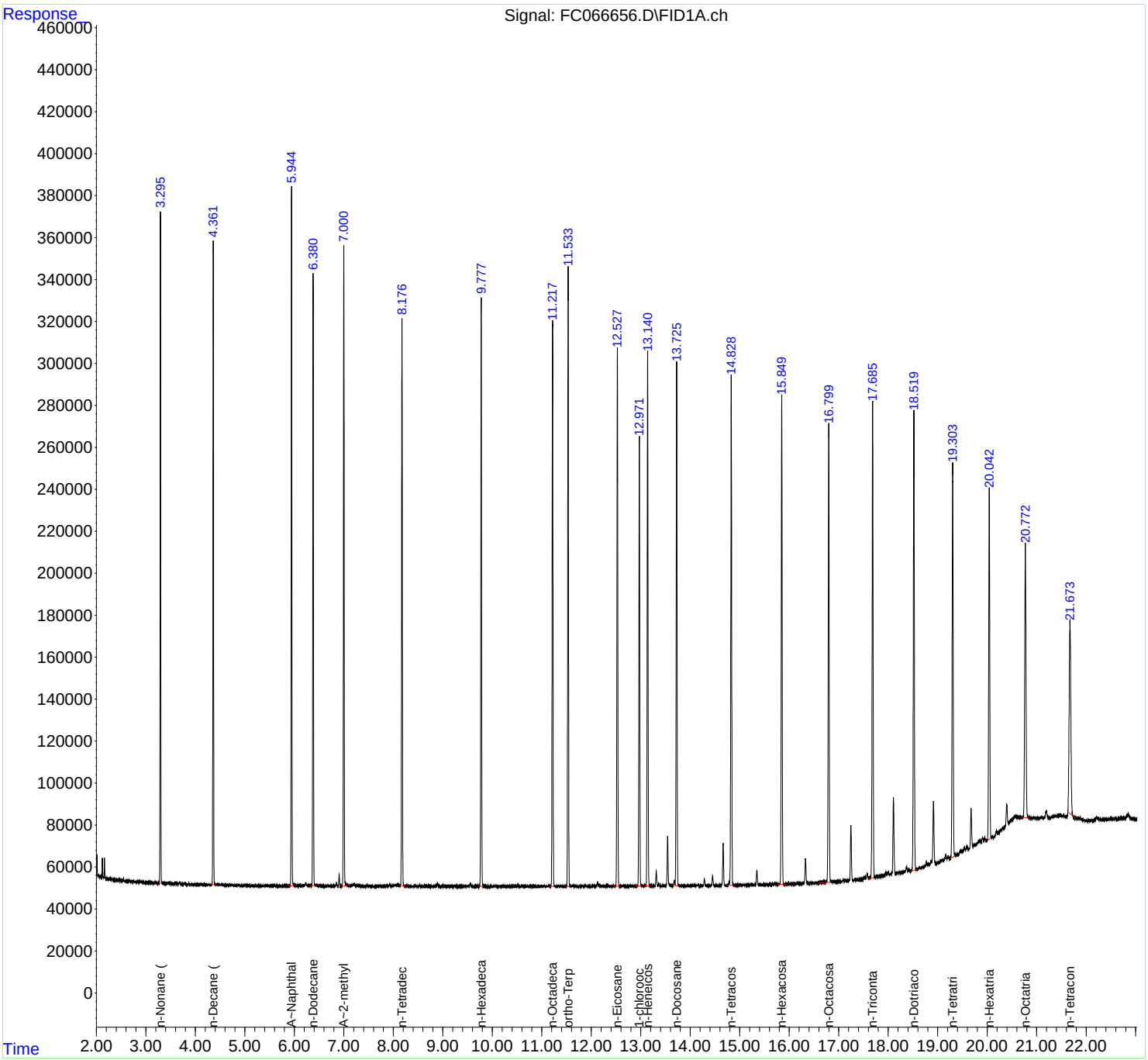
Quantitation Report (Not Reviewed)

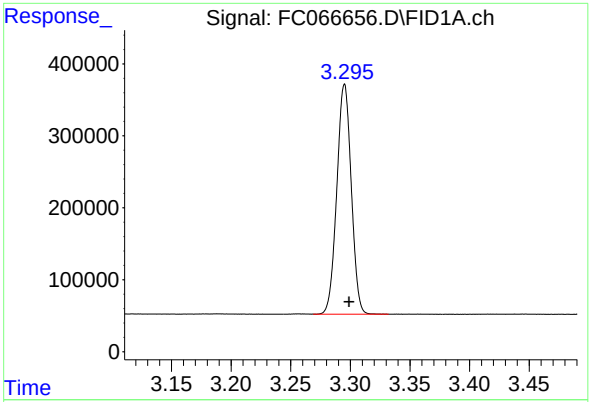
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
Data File : FC066656.D
Signal(s) : FID1A.ch
Acq On : 20 Jun 2024 20:34
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 21 02:06:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
Quant Title : GC Extractables
QLast Update : Mon Jun 17 13:44:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

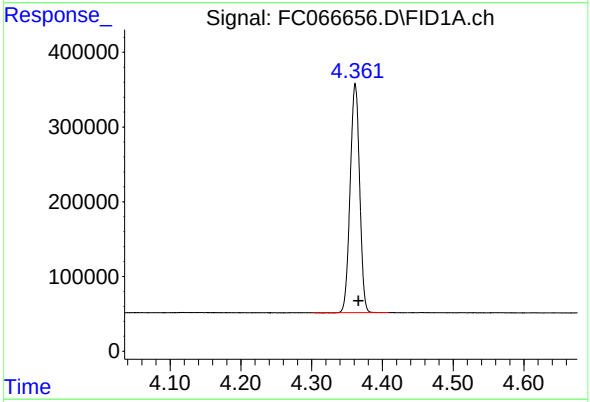




#1 n-Nonane (C9)

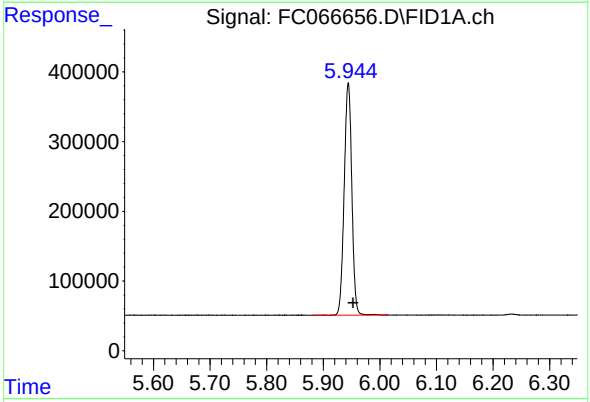
R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2694064
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :



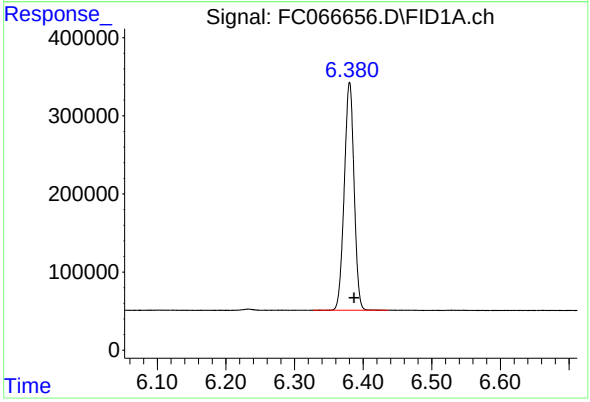
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 2849491
Conc: 19.10 ug/ml



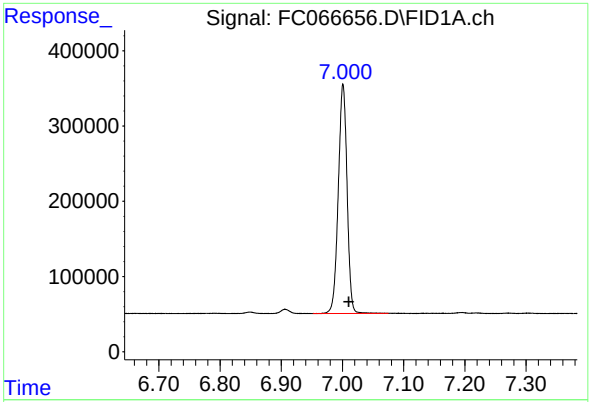
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 3121574
Conc: 19.23 ug/ml



#4 n-Dodecane (C12)

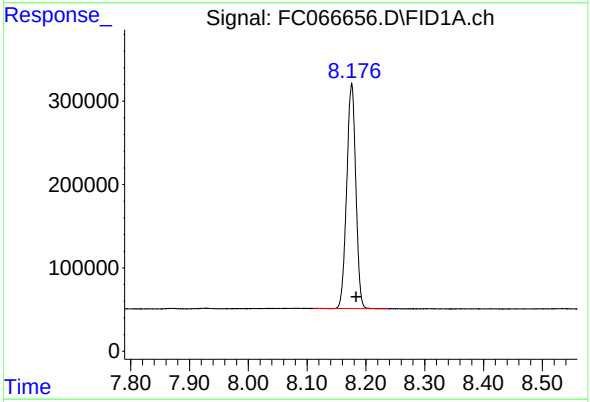
R.T.: 6.380 min
Delta R.T.: -0.007 min
Response: 2901501
Conc: 19.14 ug/ml



#5 A~2-methylnaphthalene (C12.89)

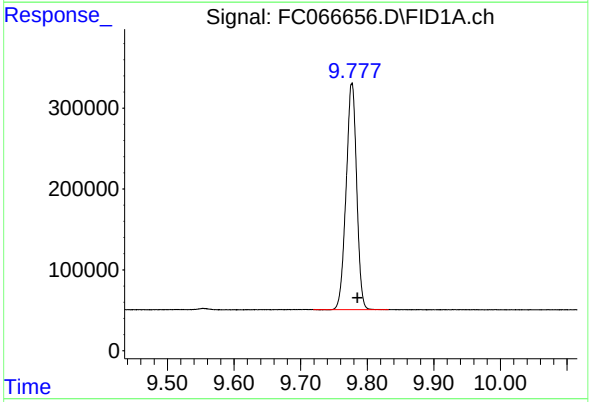
R.T.: 7.001 min
Delta R.T.: -0.009 min
Response: 3042713
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :



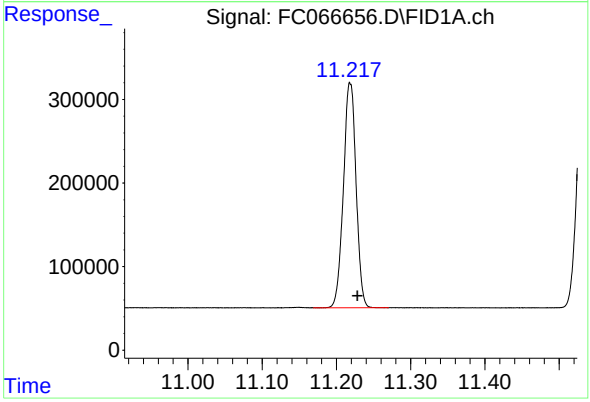
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.008 min
Response: 2914646
Conc: 19.21 ug/ml



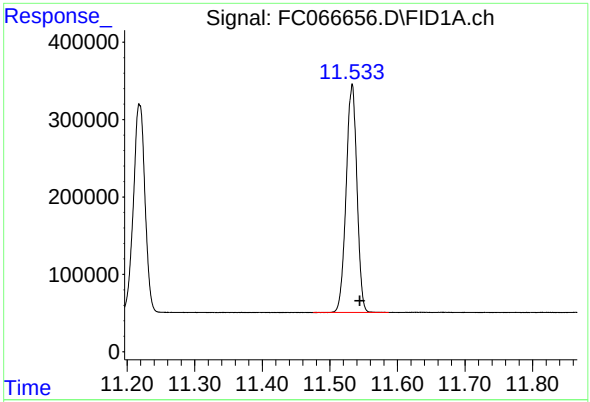
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.008 min
Response: 3090845
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

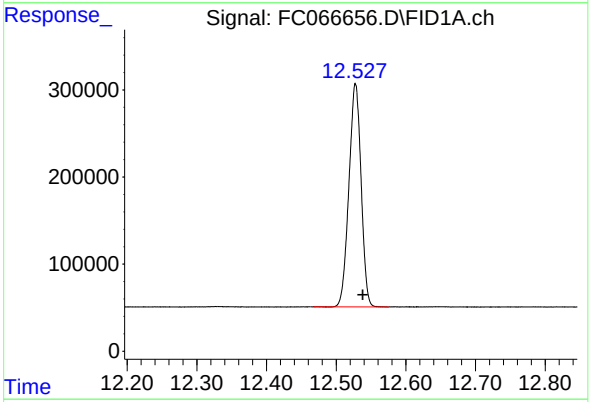
R.T.: 11.219 min
Delta R.T.: -0.010 min
Response: 3189877
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

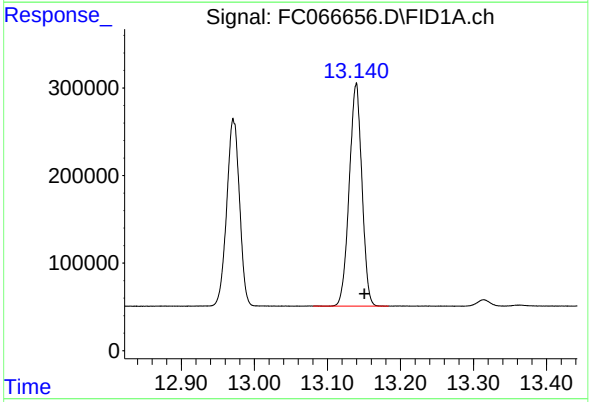
R.T.: 11.533 min
Delta R.T.: -0.011 min
Response: 3279472
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :



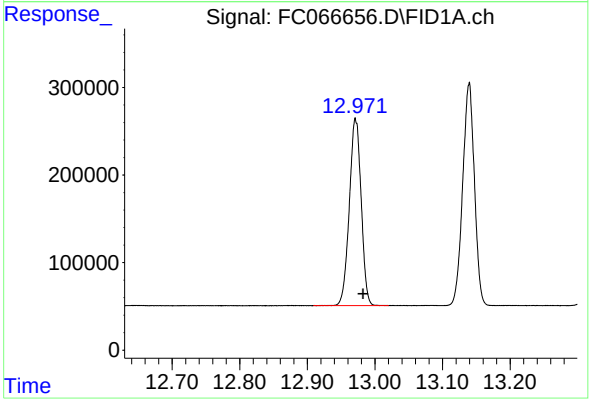
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.010 min
Response: 3113399
Conc: 19.15 ug/ml



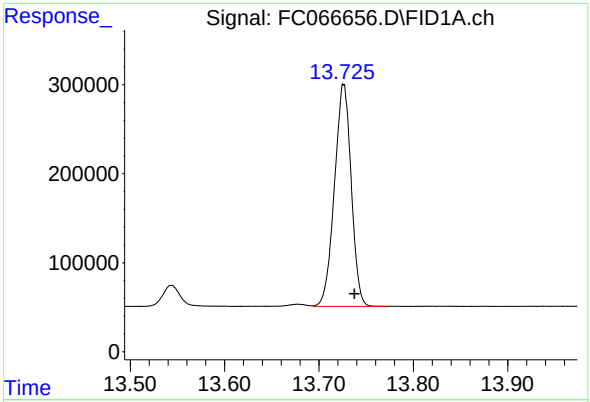
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.012 min
Response: 3063995
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

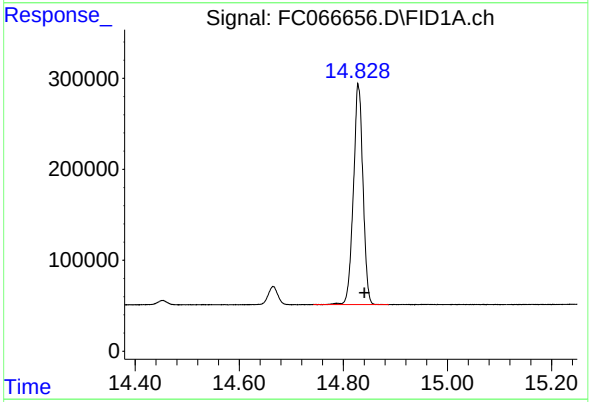
R.T.: 12.971 min
Delta R.T.: -0.011 min
Response: 2597595
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

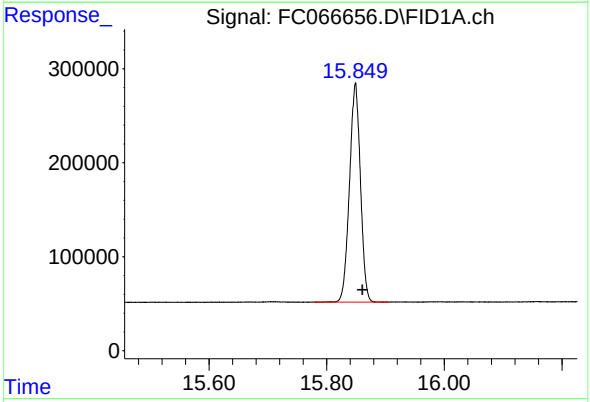
R.T.: 13.726 min
Delta R.T.: -0.012 min
Response: 3080130
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



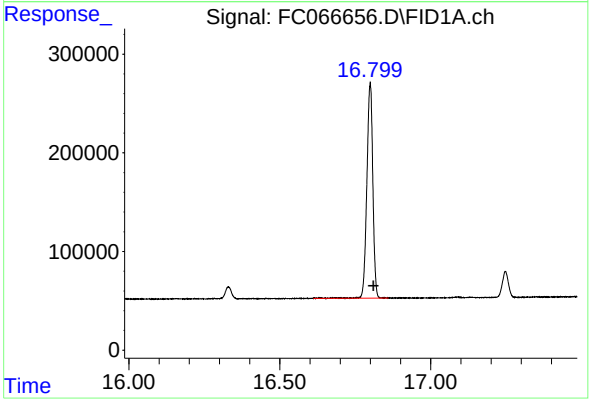
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.011 min
Response: 3096415
Conc: 19.51 ug/ml



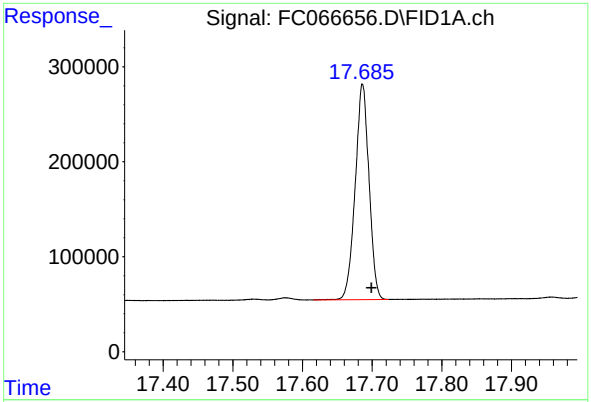
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.012 min
Response: 3006614
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

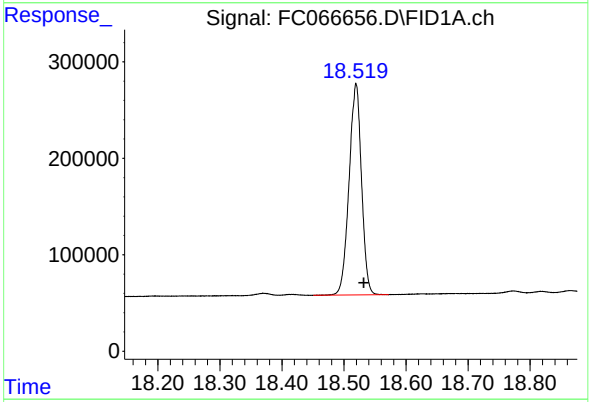
R.T.: 16.799 min
Delta R.T.: -0.011 min
Response: 3001040
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

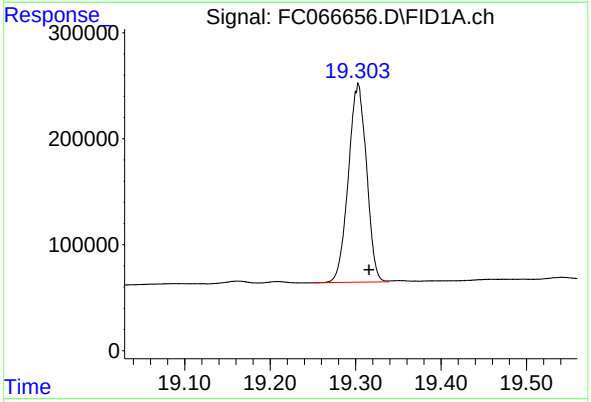
R.T.: 17.686 min
Delta R.T.: -0.013 min
Response: 3128003
Conc: 22.39 ug/ml

Instrument :
FID_C
ClientSampleId :



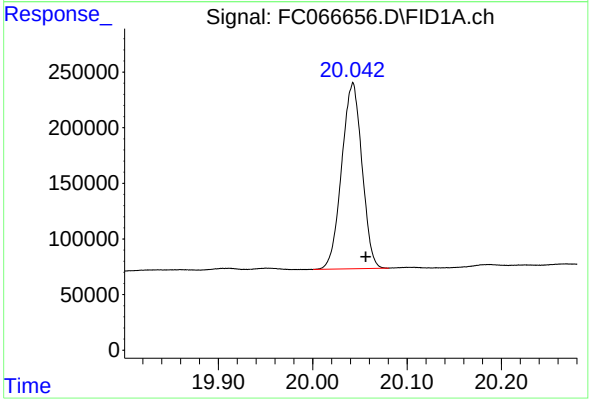
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.013 min
Response: 3047892
Conc: 23.09 ug/ml



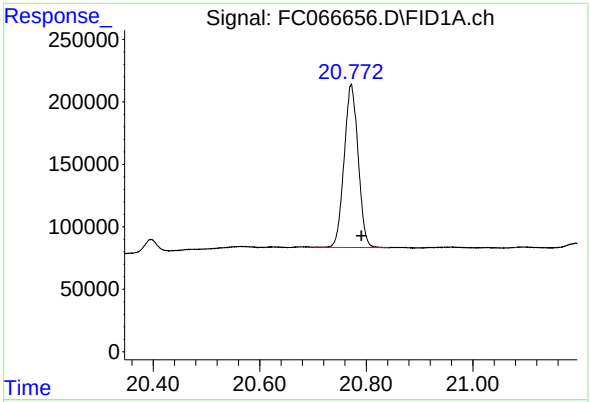
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.013 min
Response: 2760880
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

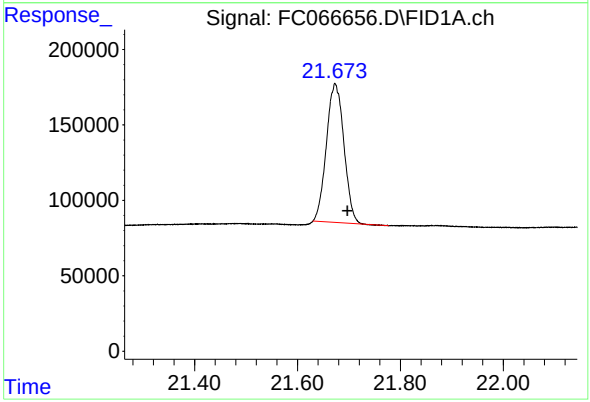
R.T.: 20.042 min
Delta R.T.: -0.014 min
Response: 2495138
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.019 min
Response: 2381874
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.673 min
Delta R.T.: -0.024 min
Response: 2171893
Conc: 19.34 ug/ml