

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057510.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 1:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 05:40:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.831	2484437	17.854 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	12.268	1944091	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
2) T n-Decane (C10)	3.700	2320765	18.632 ug/ml
3) T A~Naphthalene (C11.7)	5.259	1499628	10.809 ug/ml
4) T n-Dodecane (C12)	5.687	2329848	18.866 ug/ml
5) T A~2-methylnaphthalene...	6.307	2613768	18.691 ug/ml
6) T n-Tetradecane (C14)	7.477	2341301	18.908 ug/ml
7) T n-Hexadecane (C16)	9.075	2336002	18.630 ug/ml
8) T n-Octadecane (C18)	10.516	2369024	18.302 ug/ml
10) T n-Eicosane (C20)	11.825	2318335	17.845 ug/ml
11) T n-Heneicosane (C21)	12.437	2322806	17.699 ug/ml
13) T n-Docosane (C22)	13.022	2282396	17.365 ug/ml
14) T n-Tetracosane (C24)	14.124	2231188	16.776 ug/ml
15) T n-Hexacosane (C26)	15.144	2131396	16.254 ug/ml
16) T n-Octacosane (C28)	16.092	2078788	15.808 ug/ml
17) T n-Tricontane (C30)	16.979	1989179	14.555 ug/ml
18) T n-Dotriacontane (C32)	17.811f	1999887	14.916 ug/ml
19) T n-Tetratriacontane (C34)	18.595f	2012487	15.434 ug/ml
20) T n-Hexatriacontane (C36)	19.399	68475	0.577 ug/ml
21) T n-Octatriacontane (C38)	20.061	1918206	17.465 ug/ml
22) T n-Tetracontane (C40)	21.029	119897	1.201 ug/ml

(f)=RT Delta > 1/2 Window

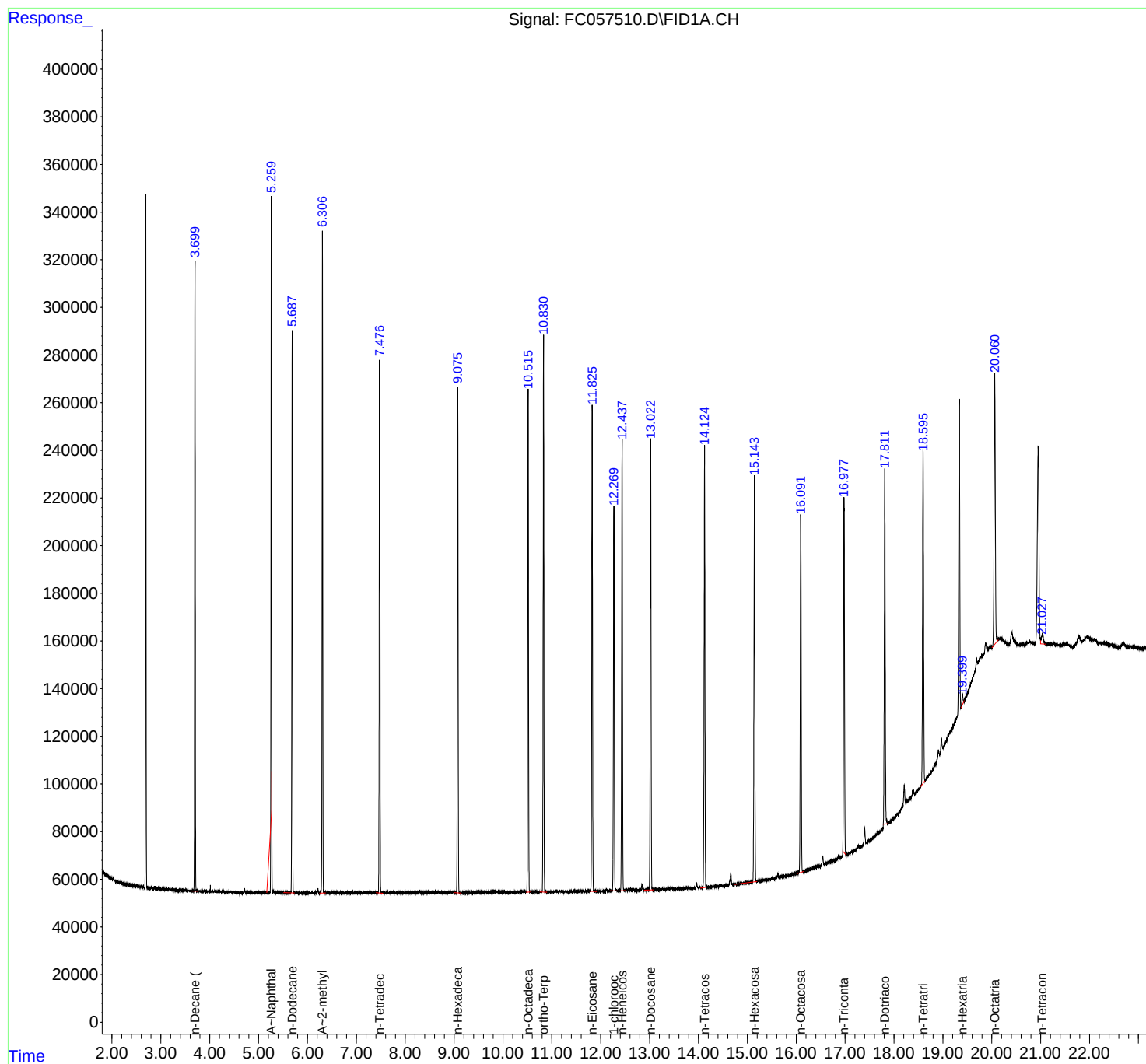
(m)=manual int.

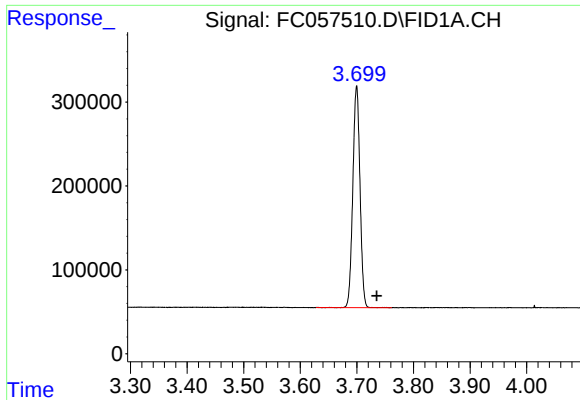
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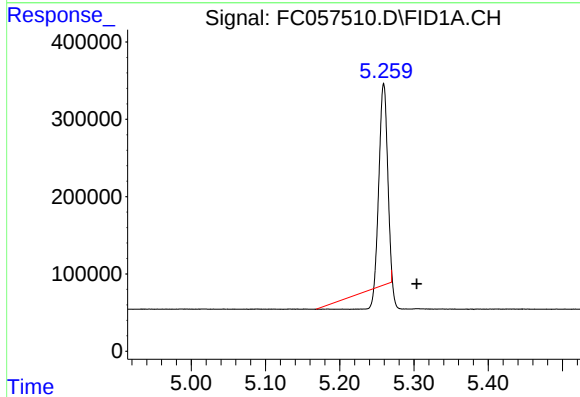




#2 n-Decane (C10)

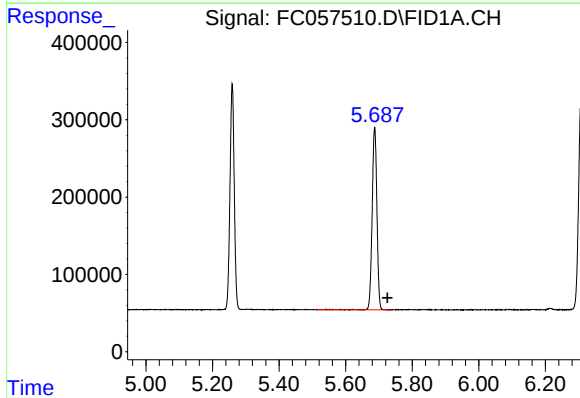
R.T.: 3.700 min
Delta R.T.: -0.035 min
Response: 2320765
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :



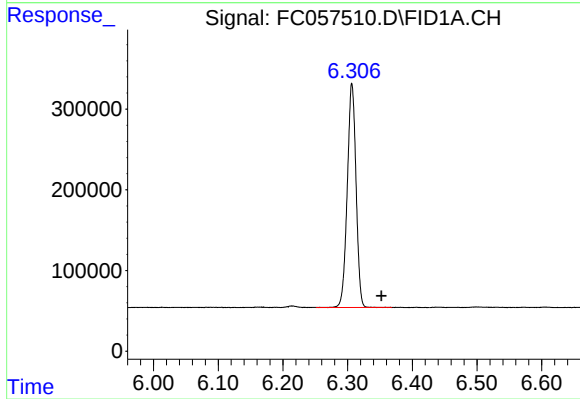
#3 A~Naphthalene (C11.7)

R.T.: 5.259 min
Delta R.T.: -0.044 min
Response: 1499628
Conc: 10.81 ug/ml



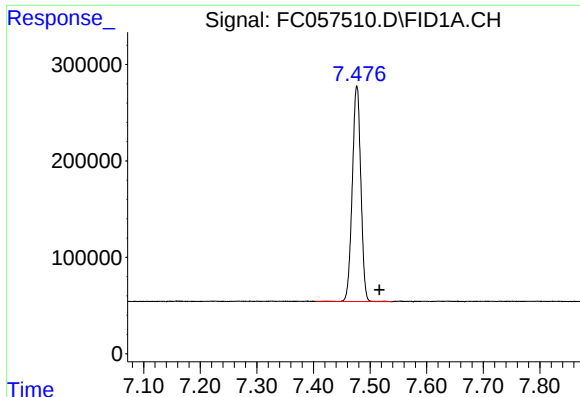
#4 n-Dodecane (C12)

R.T.: 5.687 min
Delta R.T.: -0.039 min
Response: 2329848
Conc: 18.87 ug/ml



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

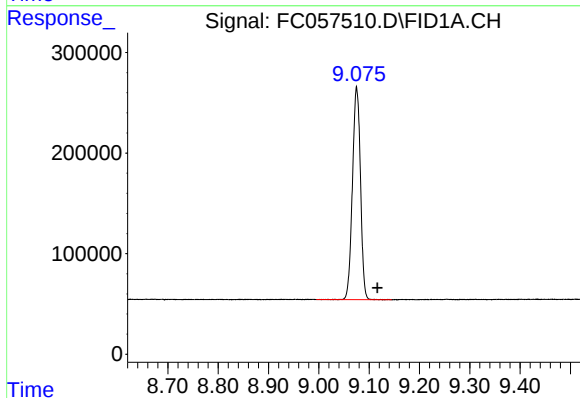
R.T.: 6.307 min
Delta R.T.: -0.045 min
Response: 2613768
Conc: 18.69 ug/ml



#6 n-Tetradecane (C14)

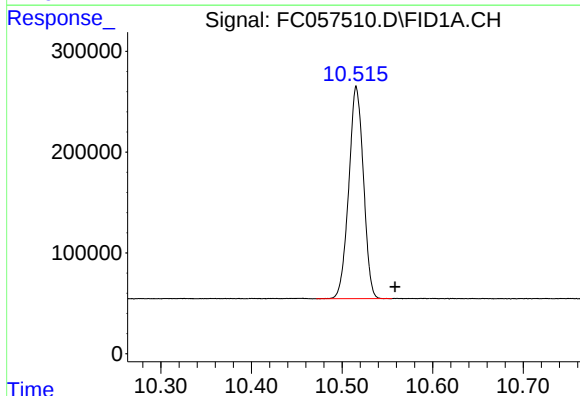
R.T.: 7.477 min
Delta R.T.: -0.040 min
Response: 2341301
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :



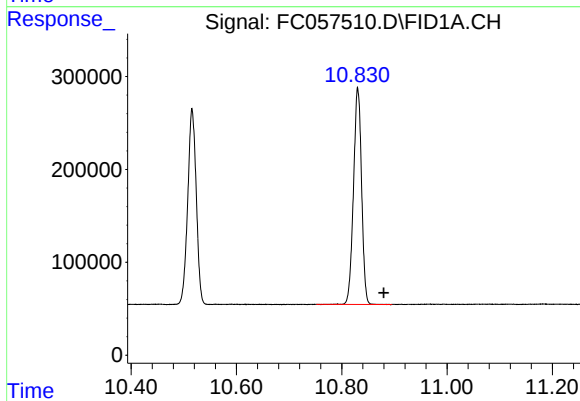
#7 n-Hexadecane (C16)

R.T.: 9.075 min
Delta R.T.: -0.041 min
Response: 2336002
Conc: 18.63 ug/ml



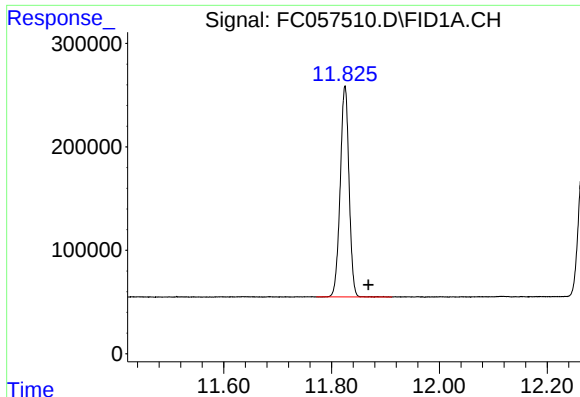
#8 n-Octadecane (C18)

R.T.: 10.516 min
Delta R.T.: -0.043 min
Response: 2369024
Conc: 18.30 ug/ml



#9 ortho-Terphenyl (SURR)

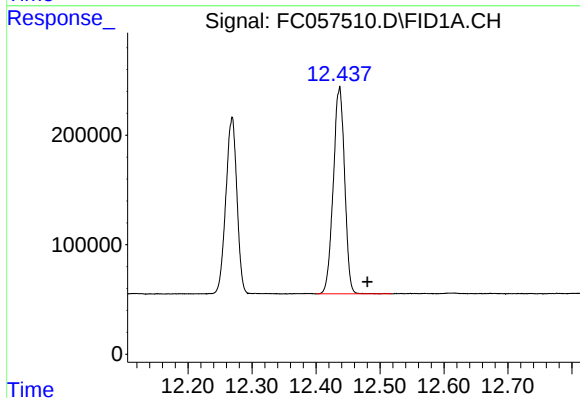
R.T.: 10.831 min
Delta R.T.: -0.049 min
Response: 2484437
Conc: 17.85 ug/ml



#10 n-Eicosane (C20)

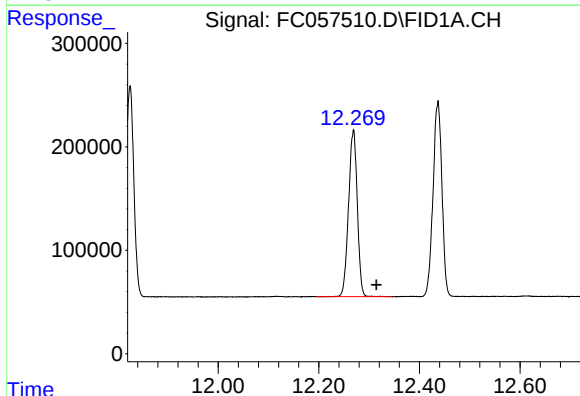
R.T.: 11.825 min
Delta R.T.: -0.043 min
Response: 2318335
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :



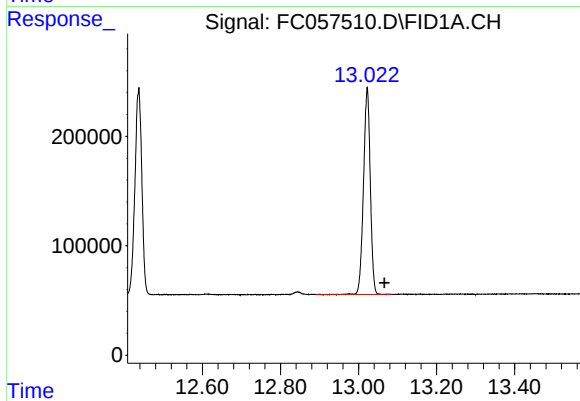
#11 n-Heneicosane (C21)

R.T.: 12.437 min
Delta R.T.: -0.044 min
Response: 2322806
Conc: 17.70 ug/ml



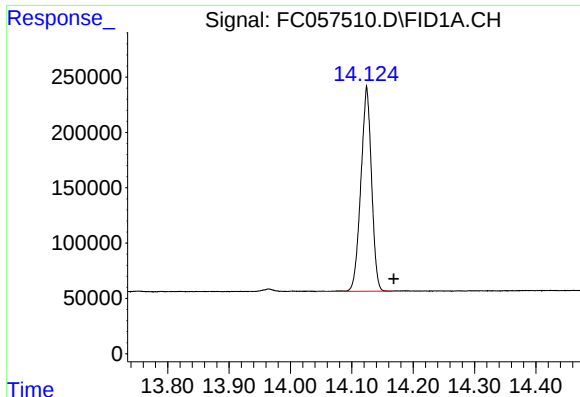
#12 1-chlorooctadecane (SURR)

R.T.: 12.268 min
Delta R.T.: -0.046 min
Response: 1944091
Conc: 17.56 ug/ml



#13 n-Docosane (C22)

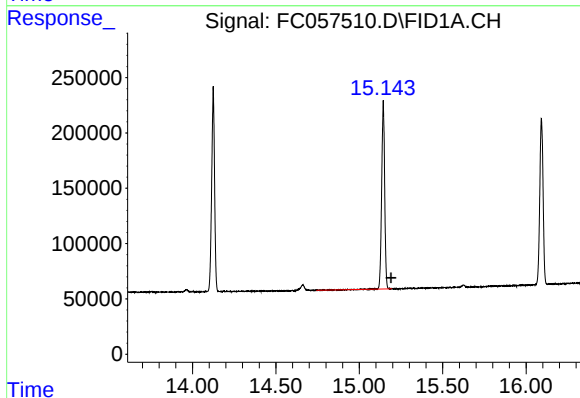
R.T.: 13.022 min
Delta R.T.: -0.044 min
Response: 2282396
Conc: 17.36 ug/ml



#14 n-Tetracosane (C24)

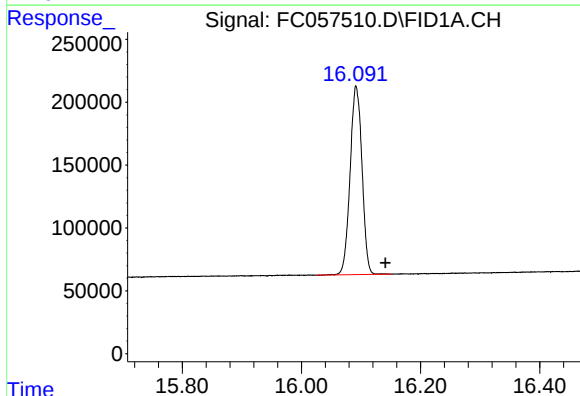
R.T.: 14.124 min
Delta R.T.: -0.044 min
Response: 2231188
Conc: 16.78 ug/ml

Instrument :
FID_C
ClientSampleId :



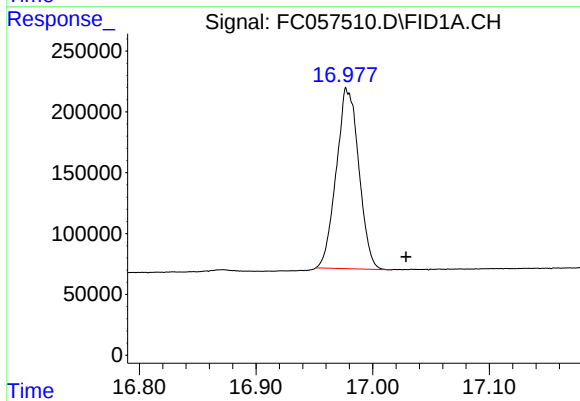
#15 n-Hexacosane (C26)

R.T.: 15.144 min
Delta R.T.: -0.046 min
Response: 2131396
Conc: 16.25 ug/ml



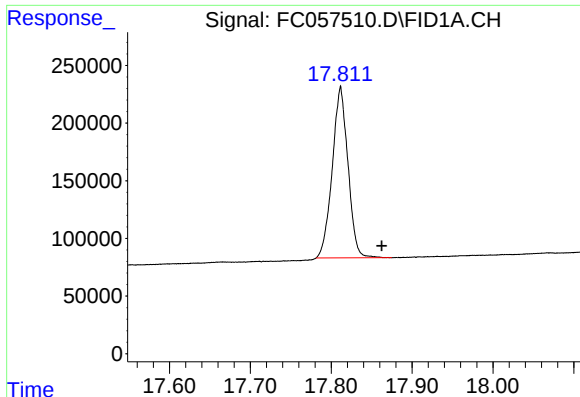
#16 n-Octacosane (C28)

R.T.: 16.092 min
Delta R.T.: -0.048 min
Response: 2078788
Conc: 15.81 ug/ml



#17 n-Tricontane (C30)

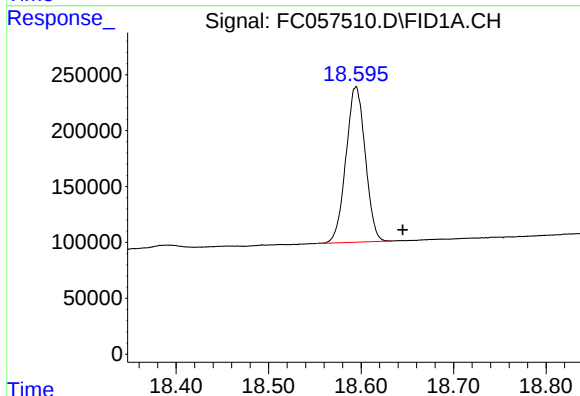
R.T.: 16.979 min
Delta R.T.: -0.050 min
Response: 1989179
Conc: 14.55 ug/ml



#18 n-Dotriacontane (C32)

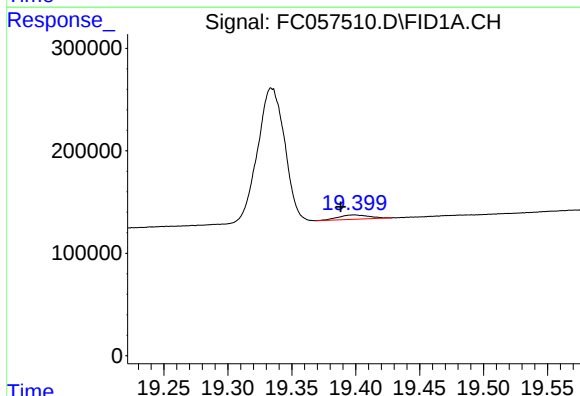
R.T.: 17.811 min
Delta R.T.: -0.051 min
Response: 1999887
Conc: 14.92 ug/ml

Instrument :
FID_C
ClientSampleId :



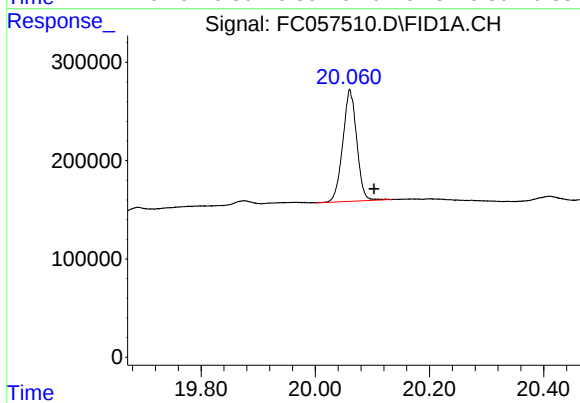
#19 n-Tetatriacontane (C34)

R.T.: 18.595 min
Delta R.T.: -0.051 min
Response: 2012487
Conc: 15.43 ug/ml



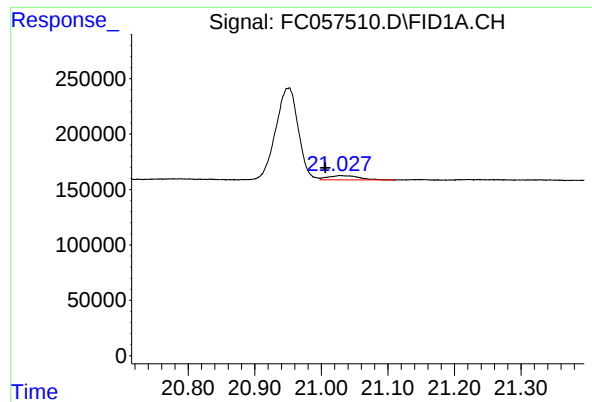
#20 n-Hexatriacontane (C36)

R.T.: 19.399 min
Delta R.T.: 0.011 min
Response: 68475
Conc: 0.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.061 min
Delta R.T.: -0.042 min
Response: 1918206
Conc: 17.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.029 min
Delta R.T.: 0.023 min
Response: 119897
Conc: 1.20 ug/ml

Instrument :
FID_C
ClientSampleId :