

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
 Data File : FC057027.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 15:37
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 23 16:10:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.594	2282589	19.670 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
12) S 1-chlorooctadecane (S...	13.027	1778410	19.535 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.360	2027471	20.008 ug/ml
2) T n-Decane (C10)	4.426	2028065	20.253 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2298071	20.581 ug/ml
4) T n-Dodecane (C12)	6.442	2077183	20.487 ug/ml
5) T A~2-methylnaphthalene...	7.070	2302927	20.886 ug/ml
6) T n-Tetradecane (C14)	8.236	2098751	20.714 ug/ml
7) T n-Hexadecane (C16)	9.834	2097691	20.442 ug/ml
8) T n-Octadecane (C18)	11.275	2170400	20.258 ug/ml
10) T n-Eicosane (C20)	12.582	2122460	19.844 ug/ml
11) T n-Heneicosane (C21)	13.193	2128451	19.655 ug/ml
13) T n-Docosane (C22)	13.777	2083271	19.445 ug/ml
14) T n-Tetracosane (C24)	14.878	2027169	18.726 ug/ml
15) T n-Hexacosane (C26)	15.895	1926948	18.090 ug/ml
16) T n-Octacosane (C28)	16.841	1869230	17.524 ug/ml
17) T n-Tricontane (C30)	17.725	1829366	17.163 ug/ml
18) T n-Dotriacontane (C32)	18.554	1828637	17.336 ug/ml
19) T n-Tetratriacontane (C34)	19.334	1823429	17.552 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1695647	16.787 ug/ml
21) T n-Octatriacontane (C38)	20.802	1699386	18.513 ug/ml
22) T n-Tetracontane (C40)	21.708	1700050	18.872 ug/ml

(f)=RT Delta > 1/2 Window

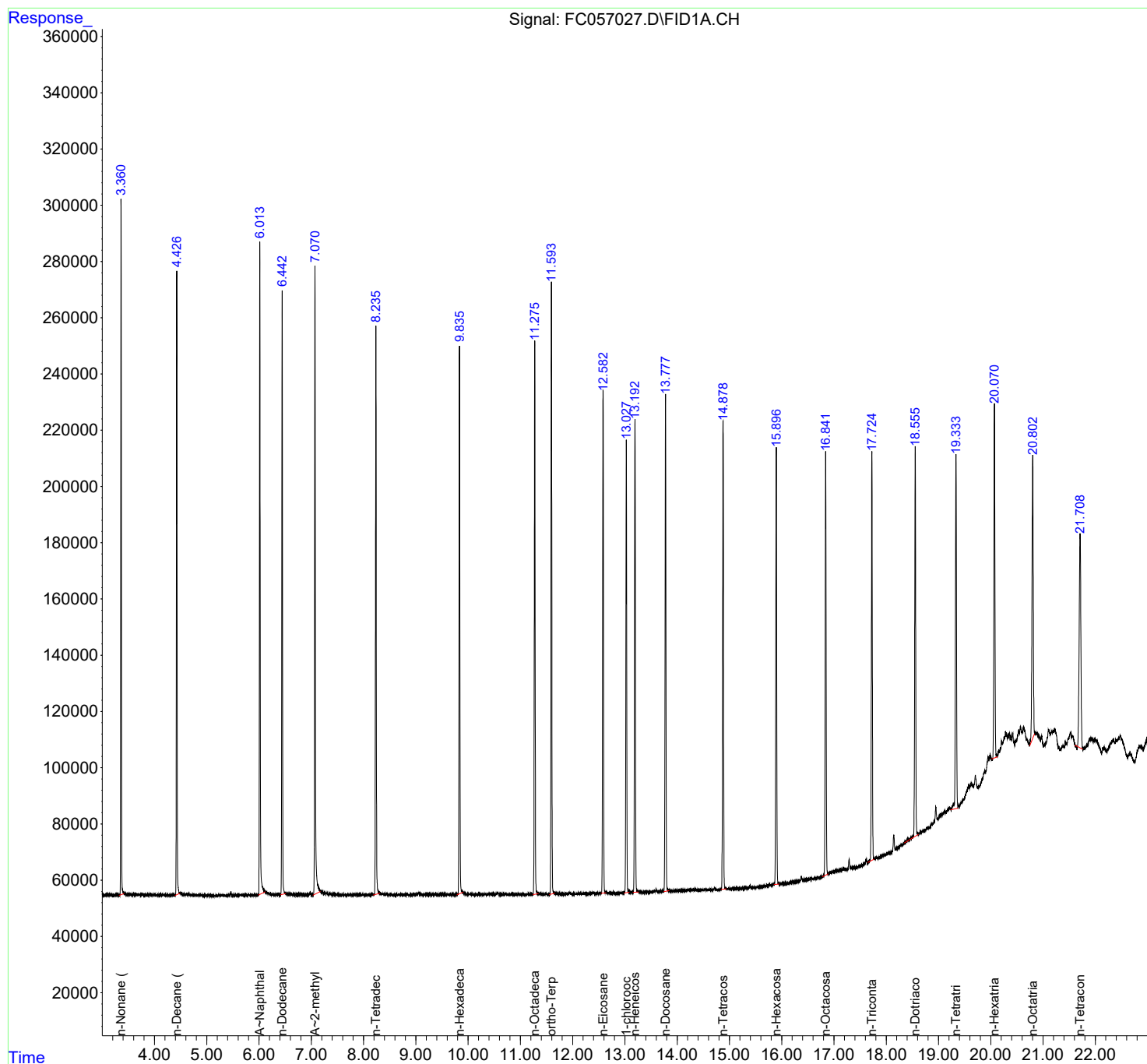
(m)=manual int.

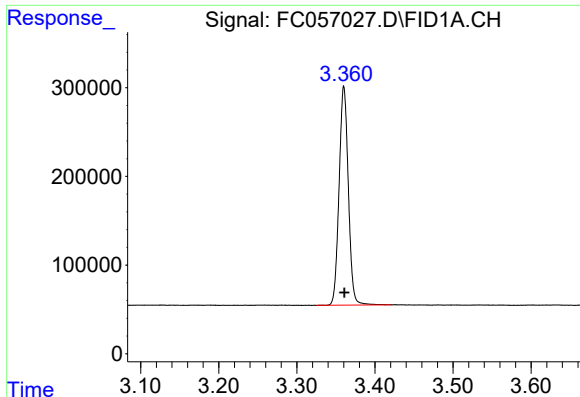
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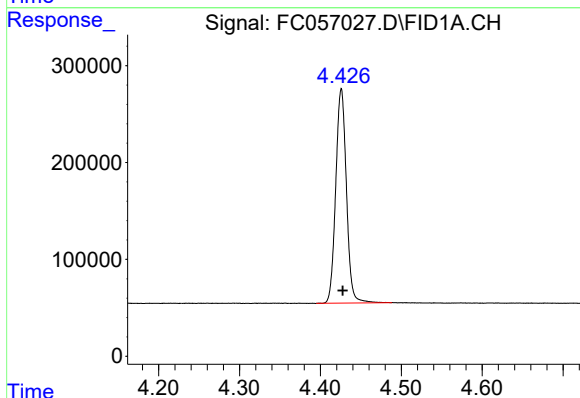




#1 n-Nonane (C9)

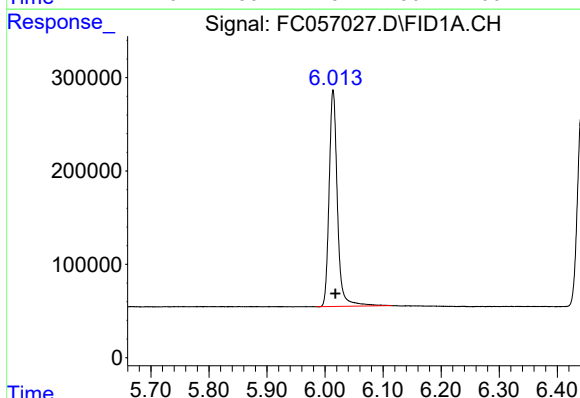
R.T.: 3.360 min
Delta R.T.: 0.000 min
Response: 2027471
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



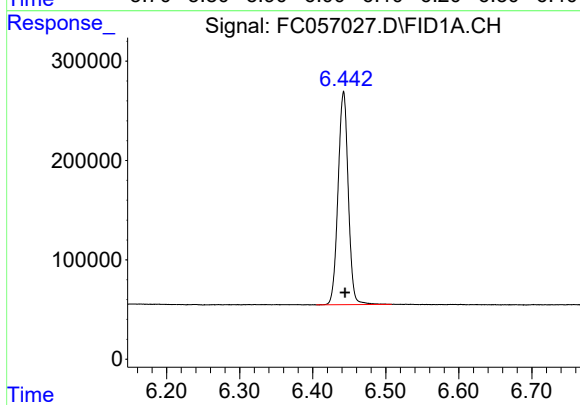
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 2028065
Conc: 20.25 ug/ml



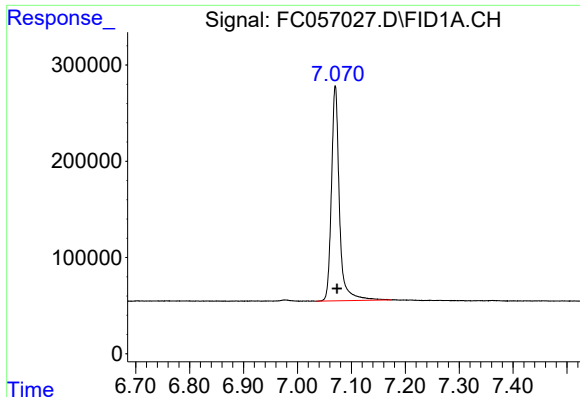
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 2298071
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

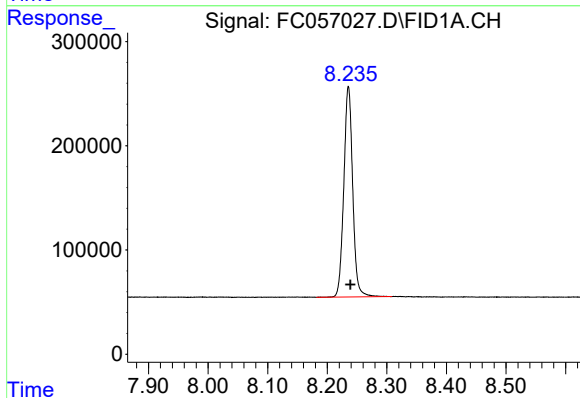
R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 2077183
Conc: 20.49 ug/ml



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

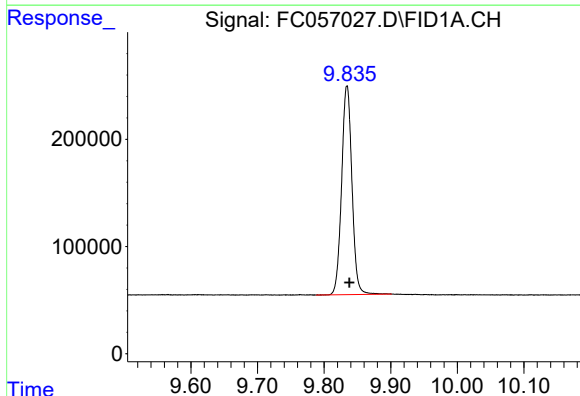
R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 2302927
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :



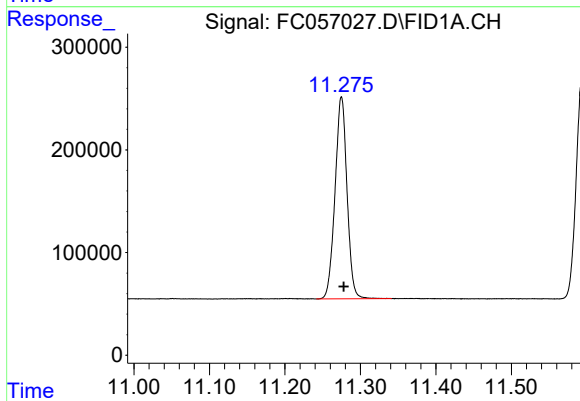
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 2098751
Conc: 20.71 ug/ml



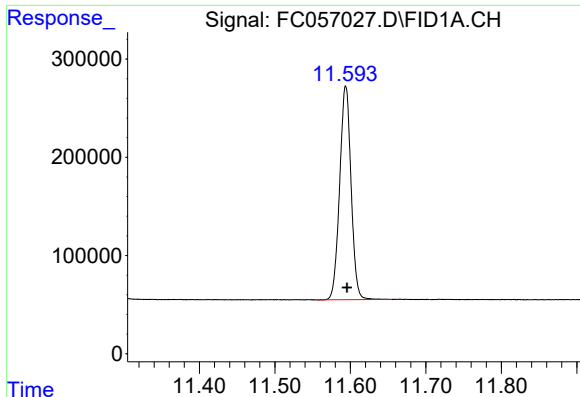
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.003 min
Response: 2097691
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

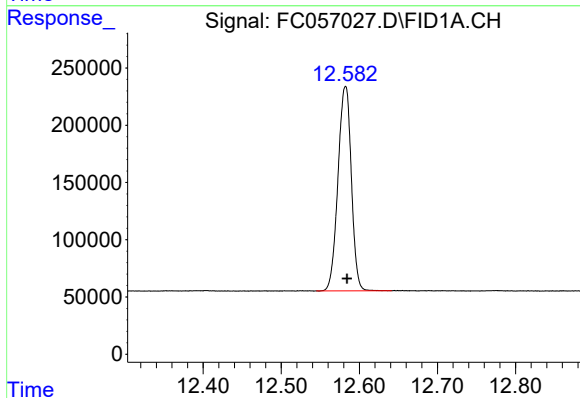
R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2170400
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

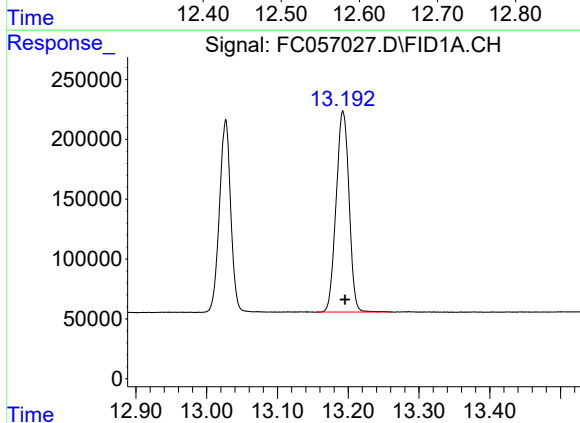
R.T.: 11.594 min
Delta R.T.: -0.002 min
Response: 2282589
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



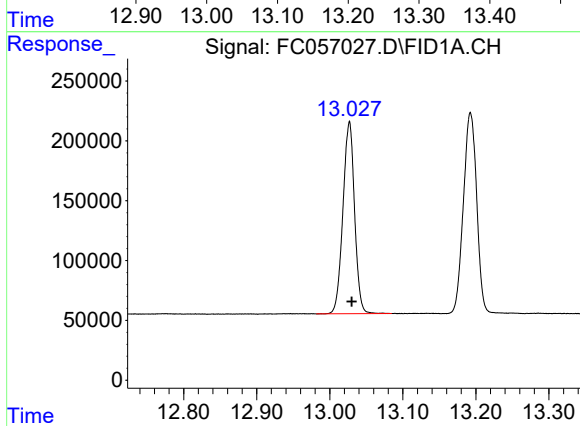
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.002 min
Response: 2122460
Conc: 19.84 ug/ml



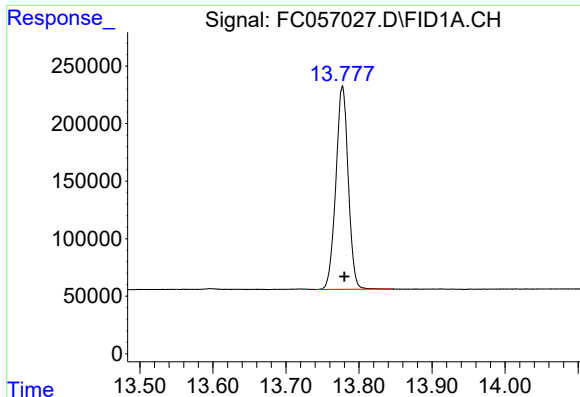
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 2128451
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

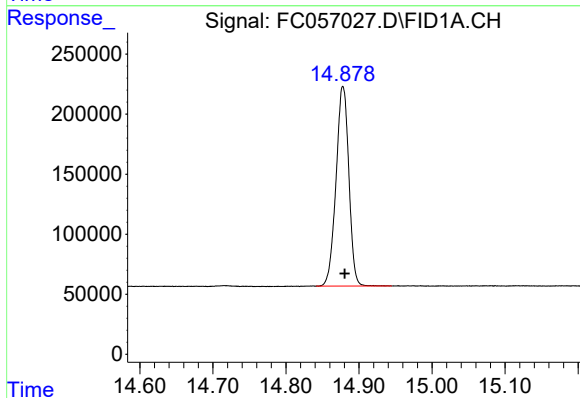
R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 1778410
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

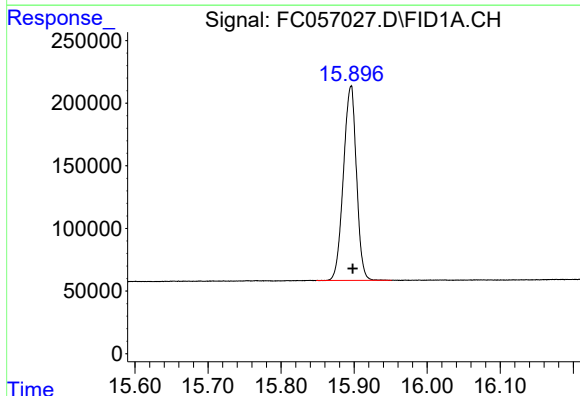
R.T.: 13.777 min
Delta R.T.: -0.003 min
Response: 2083271
Conc: 19.45 ug/ml

Instrument :
FID_D
ClientSampleId :



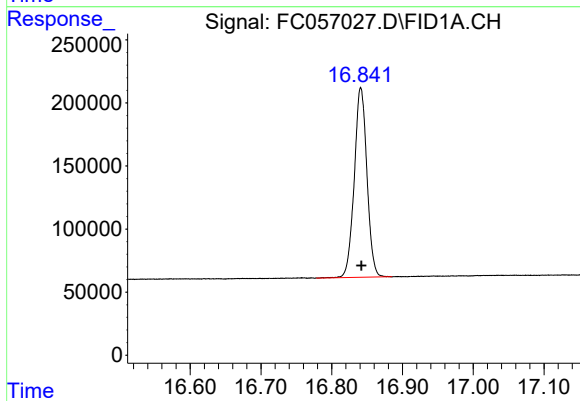
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 2027169
Conc: 18.73 ug/ml



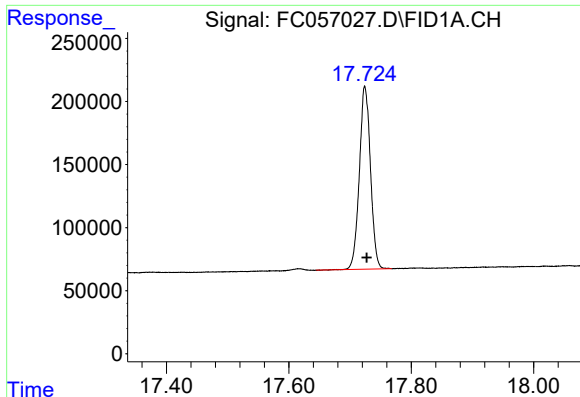
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 1926948
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

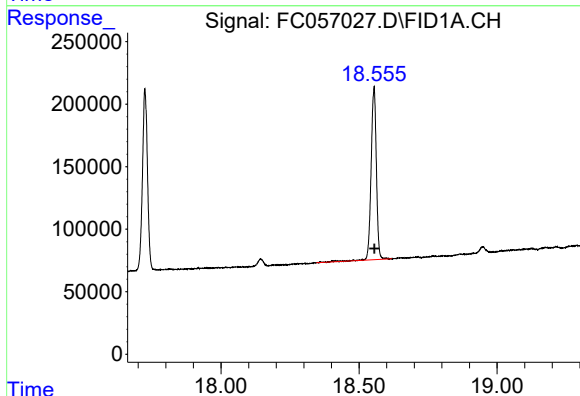
R.T.: 16.841 min
Delta R.T.: 0.000 min
Response: 1869230
Conc: 17.52 ug/ml



#17 n-Tricontane (C30)

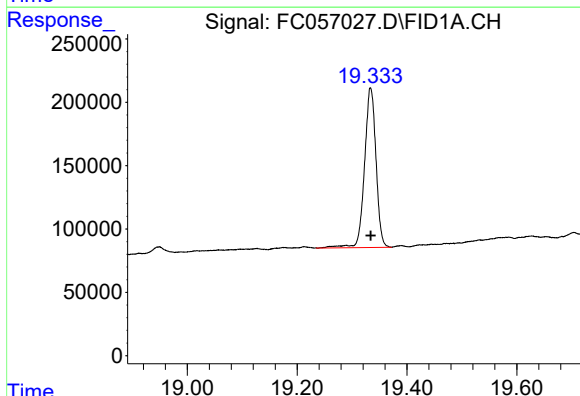
R.T.: 17.725 min
Delta R.T.: -0.003 min
Response: 1829366
Conc: 17.16 ug/ml

Instrument :
FID_D
ClientSampleId :



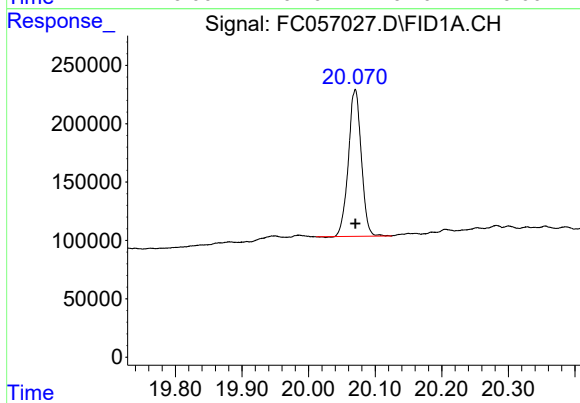
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.002 min
Response: 1828637
Conc: 17.34 ug/ml



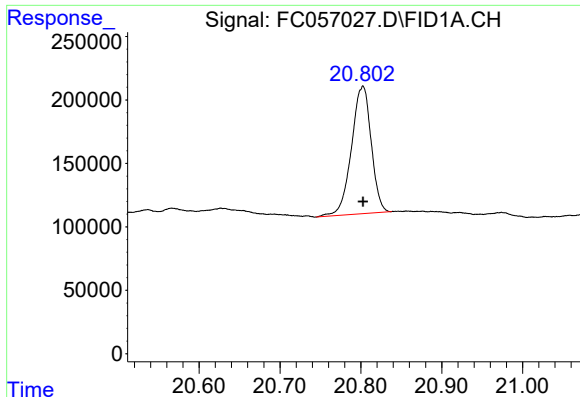
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 1823429
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

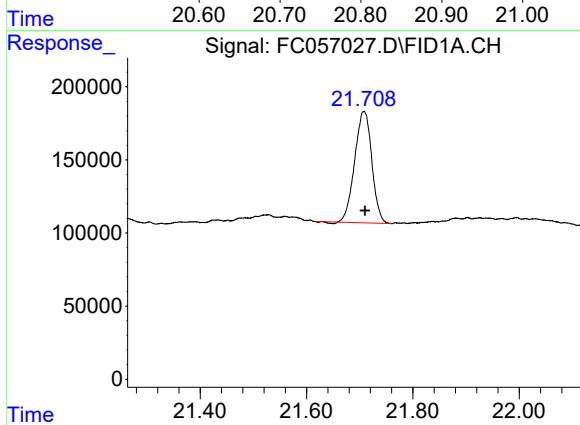
R.T.: 20.070 min
Delta R.T.: 0.000 min
Response: 1695647
Conc: 16.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.000 min
Response: 1699386
Conc: 18.51 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: -0.002 min
Response: 1700050
Conc: 18.87 ug/ml