

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057553.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 4:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 05:24:39 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)	10.816	2692414	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	12.254	2092617	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
Target Compounds			
1) T n-Nonane (C9)	2.683	2528394	20.465 ug/ml
2) T n-Decane (C10)	3.687	2566814	20.608 ug/ml
3) T A~Naphthalene (C11.7)	5.289	13767	0.099 ug/ml
4) T n-Dodecane (C12)	5.674	2568960	20.802 ug/ml
5) T A~2-methylnaphthalene...	6.291	2918065	20.867 ug/ml
6) T n-Tetradecane (C14)	7.513	14489	0.117 ug/ml
7) T n-Hexadecane (C16)	9.062	2543876	20.288 ug/ml
8) T n-Octadecane (C18)	10.503	2561430	19.789 ug/ml
10) T n-Eicosane (C20)	11.811	2488323	19.154 ug/ml
11) T n-Heneicosane (C21)	12.466	6152	0.047 ug/ml
13) T n-Docosane (C22)	13.009	2422694	18.432 ug/ml
14) T n-Tetracosane (C24)	14.111	2400844	18.051 ug/ml
15) T n-Hexacosane (C26)	15.131	2336479	17.818 ug/ml
16) T n-Octacosane (C28)	16.131	23139	0.176 ug/ml
17) T n-Tricontane (C30)	16.968	2494777	18.254 ug/ml
18) T n-Dotriacontane (C32)	17.801	3432281	25.599 ug/ml
19) T n-Tetratriacontane (C34)	18.632	362600	2.781 ug/ml
20) T n-Hexatriacontane (C36)	19.325	4464658	37.600 ug/ml
21) T n-Octatriacontane (C38)	20.050	6981915	63.570 ug/ml
22) T n-Tetracontane (C40)	21.008	3630300	36.360 ug/ml

(f)=RT Delta > 1/2 Window

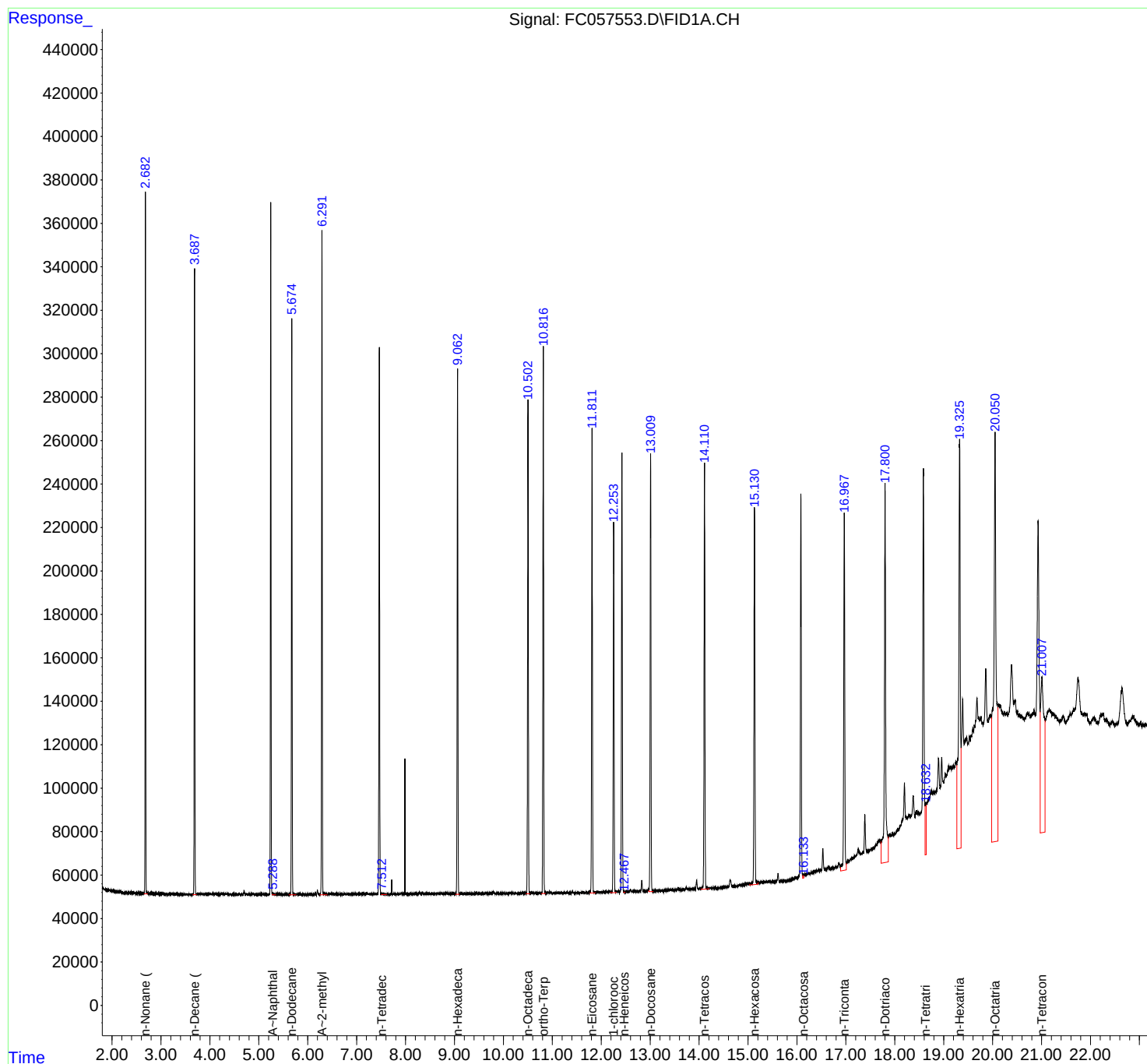
(m)=manual int.

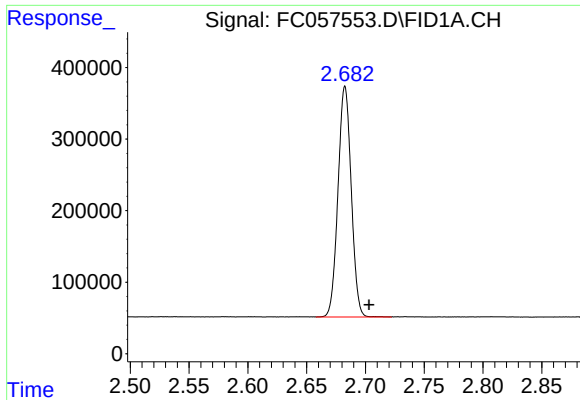
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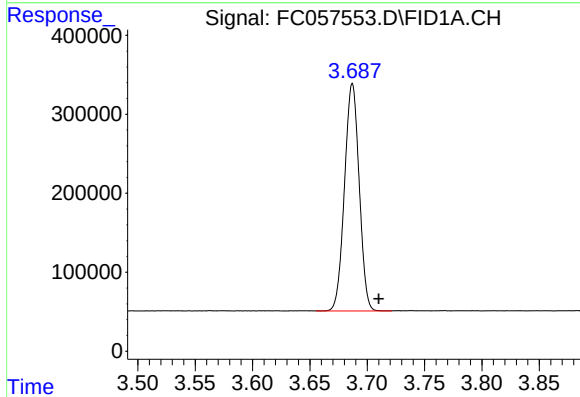




#1 n-Nonane (C9)

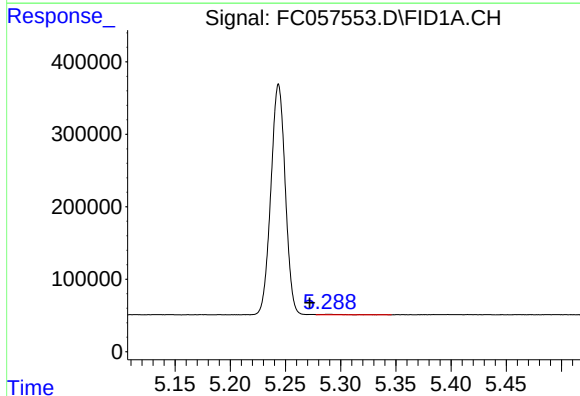
R.T.: 2.683 min
Delta R.T.: -0.020 min
Response: 2528394
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :



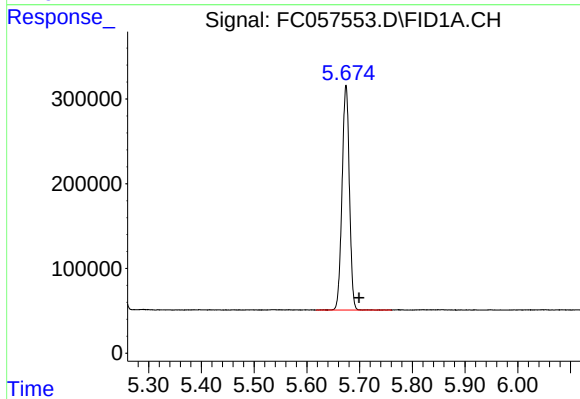
#2 n-Decane (C10)

R.T.: 3.687 min
Delta R.T.: -0.023 min
Response: 2566814
Conc: 20.61 ug/ml



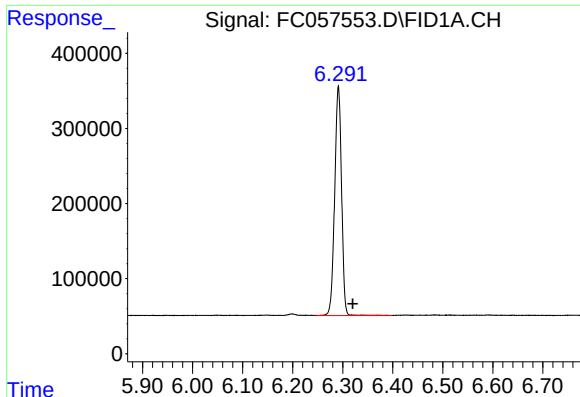
#3 A~Naphthalene (C11.7)

R.T.: 5.289 min
Delta R.T.: 0.017 min
Response: 13767
Conc: 0.10 ug/ml



#4 n-Dodecane (C12)

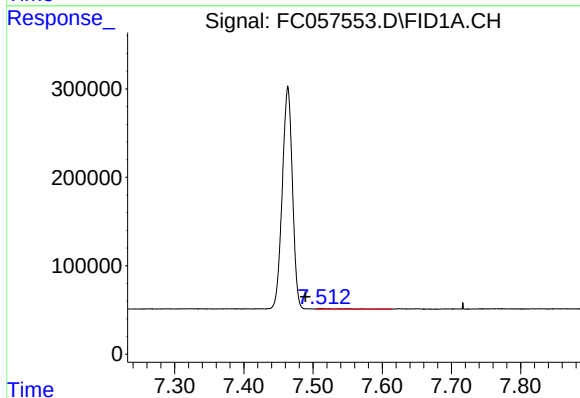
R.T.: 5.674 min
Delta R.T.: -0.025 min
Response: 2568960
Conc: 20.80 ug/ml



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

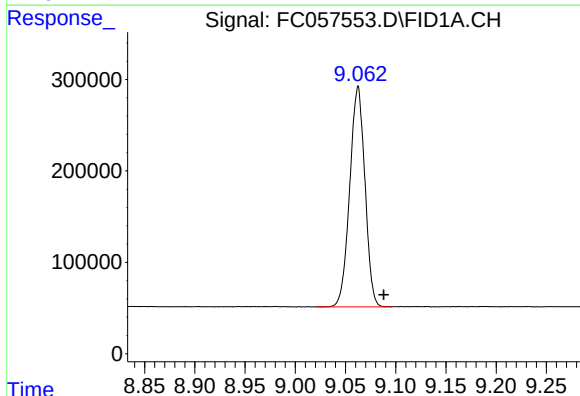
R.T.: 6.291 min
Delta R.T.: -0.029 min
Response: 2918065
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :



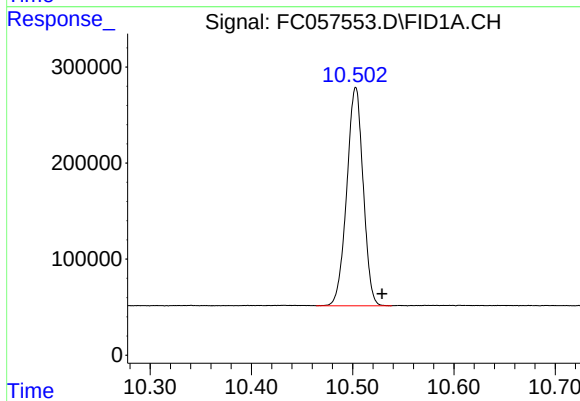
#6 n-Tetradecane (C14)

R.T.: 7.513 min
Delta R.T.: 0.024 min
Response: 14489
Conc: 0.12 ug/ml



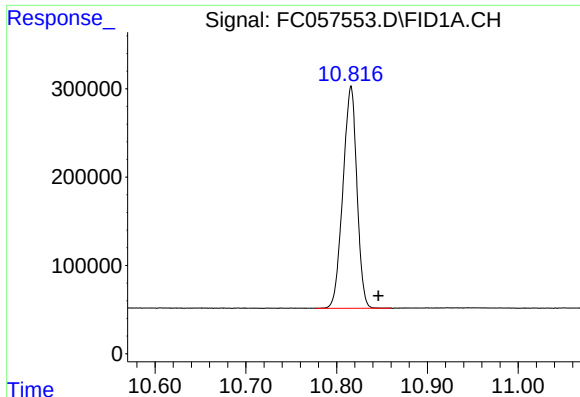
#7 n-Hexadecane (C16)

R.T.: 9.062 min
Delta R.T.: -0.026 min
Response: 2543876
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

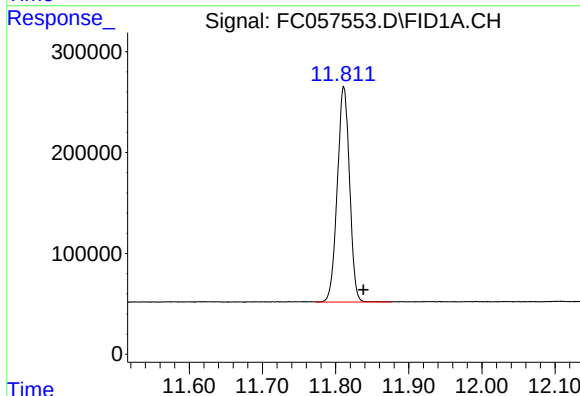
R.T.: 10.503 min
Delta R.T.: -0.026 min
Response: 2561430
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

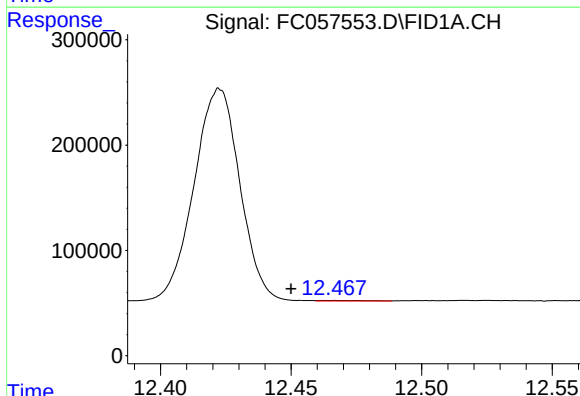
R.T.: 10.816 min
Delta R.T.: -0.030 min
Response: 2692414
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :



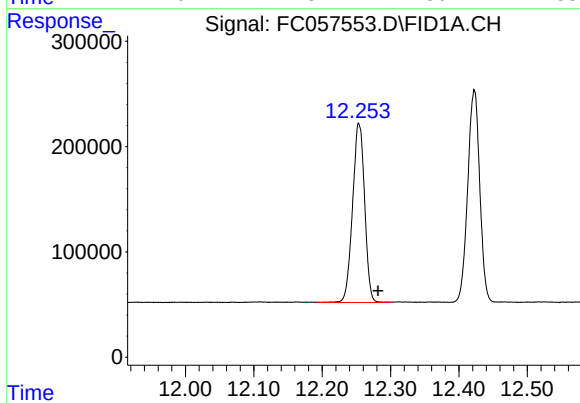
#10 n-Eicosane (C20)

R.T.: 11.811 min
Delta R.T.: -0.027 min
Response: 2488323
Conc: 19.15 ug/ml



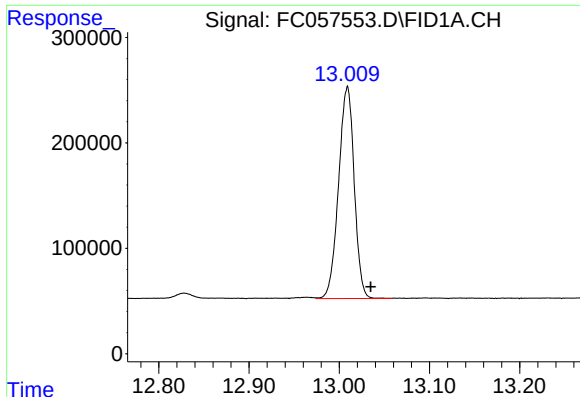
#11 n-Heneicosane (C21)

R.T.: 12.466 min
Delta R.T.: 0.016 min
Response: 6152
Conc: 0.05 ug/ml



#12 1-chlorooctadecane (SURR)

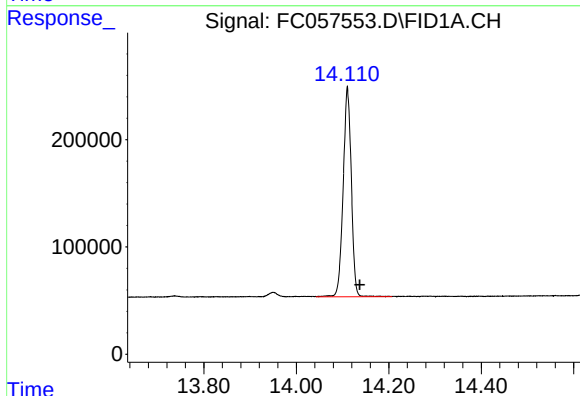
R.T.: 12.254 min
Delta R.T.: -0.028 min
Response: 2092617
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

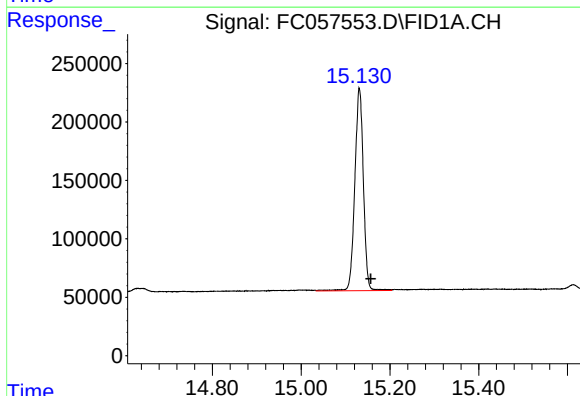
R.T.: 13.009 min
Delta R.T.: -0.026 min
Response: 2422694
Conc: 18.43 ug/ml

Instrument :
FID_C
ClientSampleId :



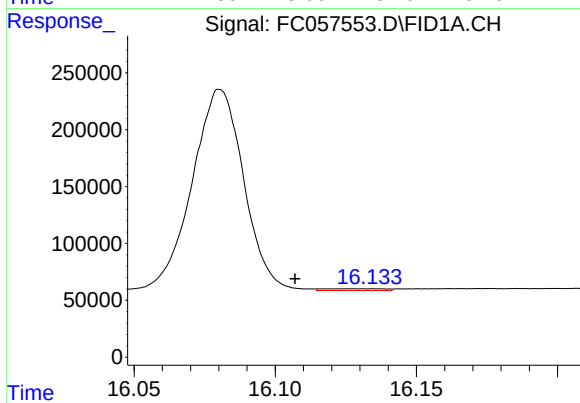
#14 n-Tetracosane (C24)

R.T.: 14.111 min
Delta R.T.: -0.026 min
Response: 2400844
Conc: 18.05 ug/ml



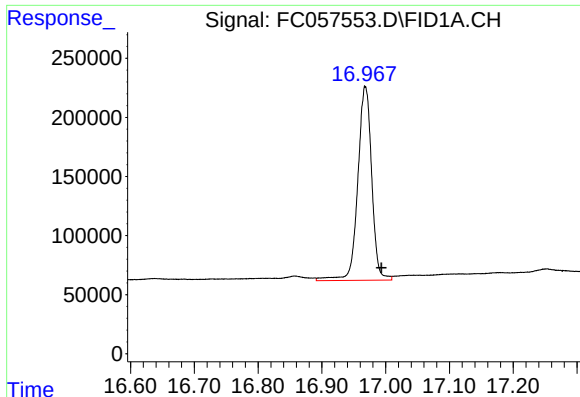
#15 n-Hexacosane (C26)

R.T.: 15.131 min
Delta R.T.: -0.026 min
Response: 2336479
Conc: 17.82 ug/ml



#16 n-Octacosane (C28)

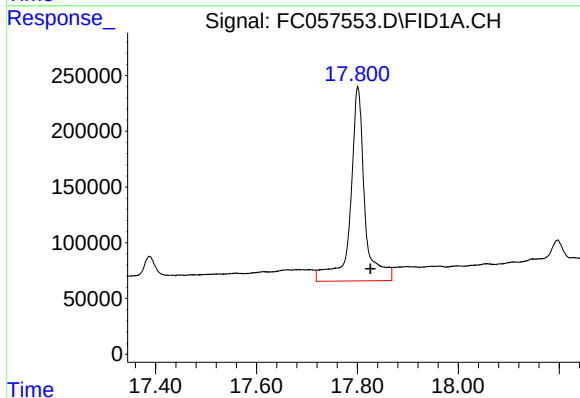
R.T.: 16.131 min
Delta R.T.: 0.024 min
Response: 23139
Conc: 0.18 ug/ml



#17 n-Tricontane (C30)

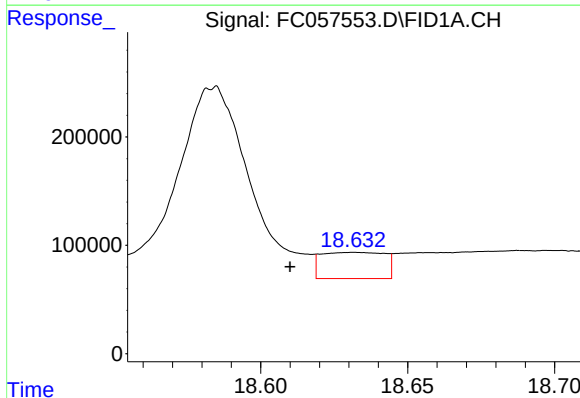
R.T.: 16.968 min
Delta R.T.: -0.025 min
Response: 2494777
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :



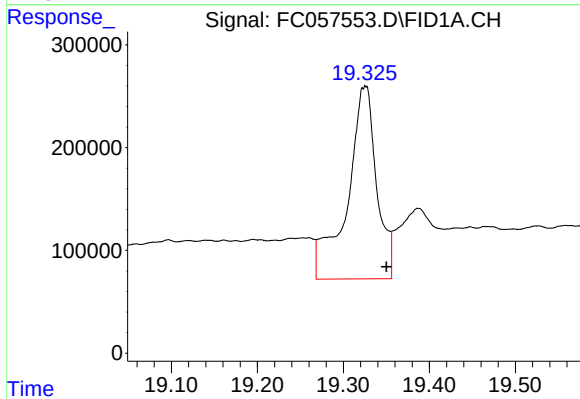
#18 n-Dotriacontane (C32)

R.T.: 17.801 min
Delta R.T.: -0.025 min
Response: 3432281
Conc: 25.60 ug/ml



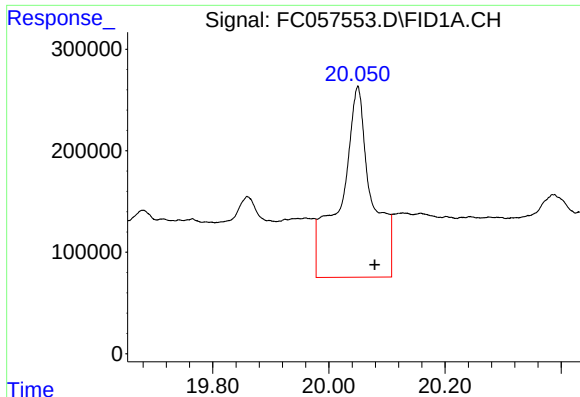
#19 n-Tetratriacontane (C34)

R.T.: 18.632 min
Delta R.T.: 0.022 min
Response: 362600
Conc: 2.78 ug/ml



#20 n-Hexatriacontane (C36)

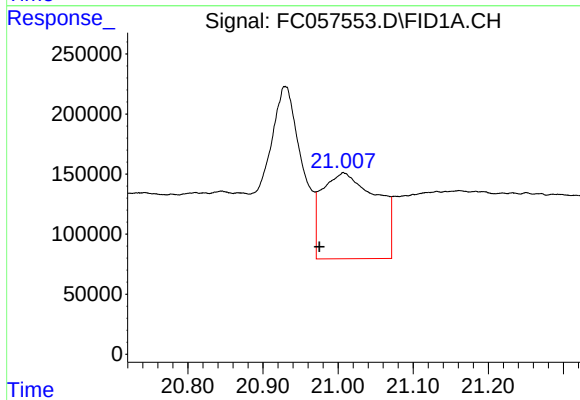
R.T.: 19.325 min
Delta R.T.: -0.025 min
Response: 4464658
Conc: 37.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.050 min
Delta R.T.: -0.029 min
Response: 6981915
Conc: 63.57 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.008 min
Delta R.T.: 0.033 min
Response: 3630300
Conc: 36.36 ug/ml