

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057551.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 3:25
 Operator : AJ\MA
 Sample : M5044-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 05:23:54 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)	10.871	260108	1.869 ug/ml
Spiked Amount 50.000		Recovery =	3.74%
12) S 1-chlorooctadecane (S...	12.304	157569	1.423 ug/ml
Spiked Amount 50.000		Recovery =	2.85%
Target Compounds			
1) T n-Nonane (C9)	2.708	60521	0.490 ug/ml
2) T n-Decane (C10)	3.733	293129	2.353 ug/ml
3) T A~Naphthalene (C11.7)	5.274	426461	3.074 ug/ml
4) T n-Dodecane (C12)	5.673	299643	2.426 ug/ml
5) T A~2-methylnaphthalene...	6.334	201940	1.444 ug/ml
6) T n-Tetradecane (C14)	7.507	169658	1.370 ug/ml
7) T n-Hexadecane (C16)	9.093	71584	0.571 ug/ml
8) T n-Octadecane (C18)	10.502	234472	1.811 ug/ml
10) T n-Eicosane (C20)	11.851	182219	1.403 ug/ml
11) T n-Heneicosane (C21)	12.429	132016	1.006 ug/ml
13) T n-Docosane (C22)	13.055	42517	0.323 ug/ml
14) T n-Tetracosane (C24)	14.160	63619	0.478 ug/ml
15) T n-Hexacosane (C26)	15.177	629600	4.801 ug/ml
16) T n-Octacosane (C28)	16.099	3285436	24.984 ug/ml
17) T n-Tricontane (C30)	17.004	1980911	14.494 ug/ml
18) T n-Dotriacontane (C32)	17.844	1332566	9.939 ug/ml
19) T n-Tetratriacontane (C34)	18.602	6111199	46.867 ug/ml
20) T n-Hexatriacontane (C36)	19.345	4041145	34.034 ug/ml
21) T n-Octatriacontane (C38)	20.067	5285062	48.120 ug/ml
22) T n-Tetracontane (C40)	20.992	695706	6.968 ug/ml

(f)=RT Delta > 1/2 Window

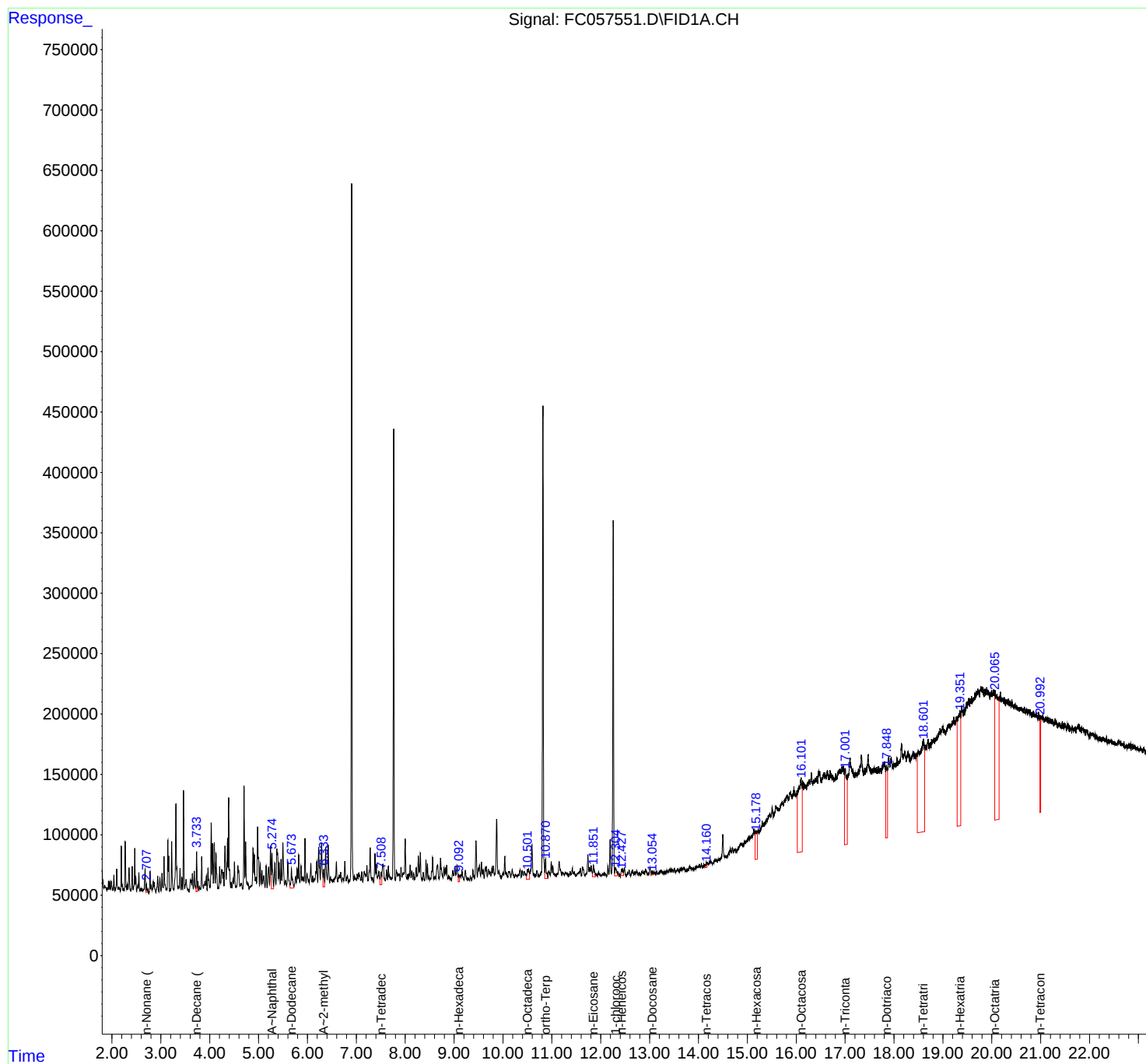
(m)=manual int.

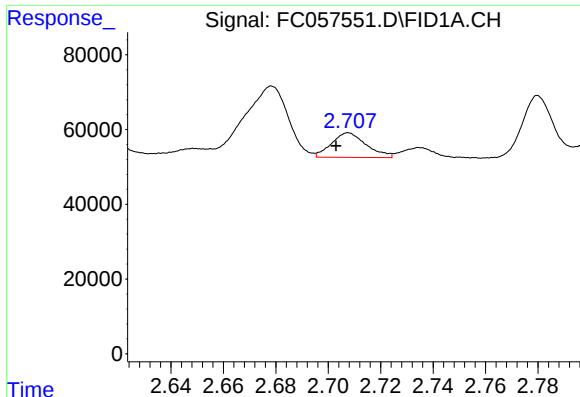
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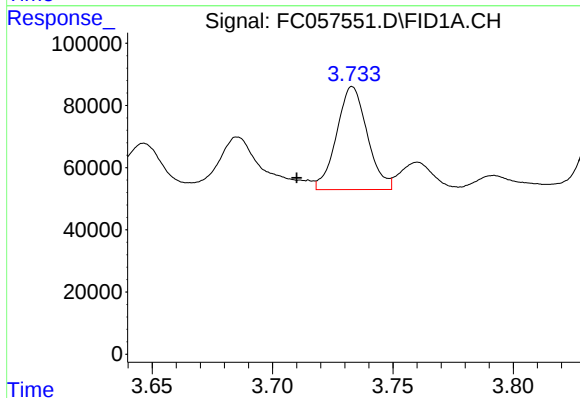




#1 n-Nonane (C9)

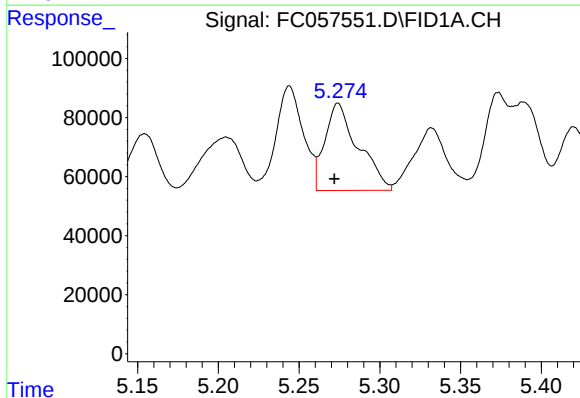
R.T.: 2.708 min
Delta R.T.: 0.005 min
Response: 60521
Conc: 0.49 ug/ml

Instrument :
FID_C
ClientSampleId :



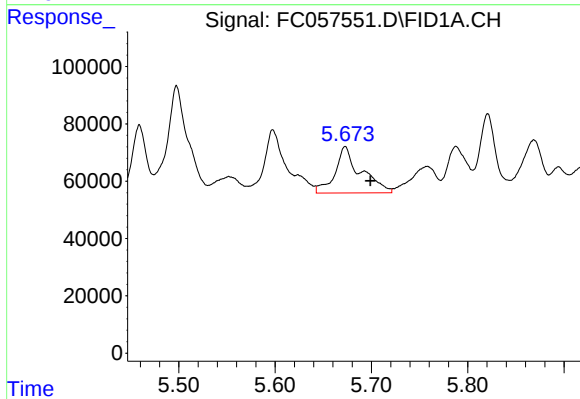
#2 n-Decane (C10)

R.T.: 3.733 min
Delta R.T.: 0.023 min
Response: 293129
Conc: 2.35 ug/ml



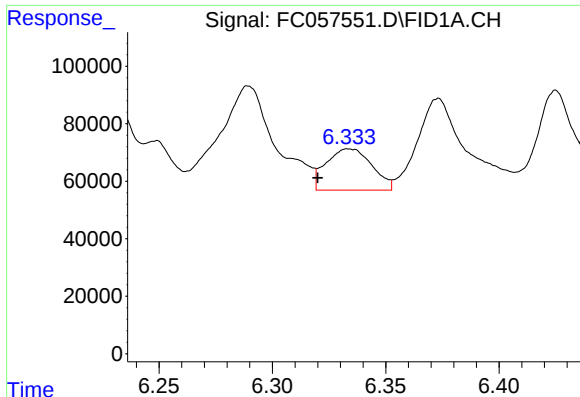
#3 A~Naphthalene (C11.7)

R.T.: 5.274 min
Delta R.T.: 0.002 min
Response: 426461
Conc: 3.07 ug/ml



#4 n-Dodecane (C12)

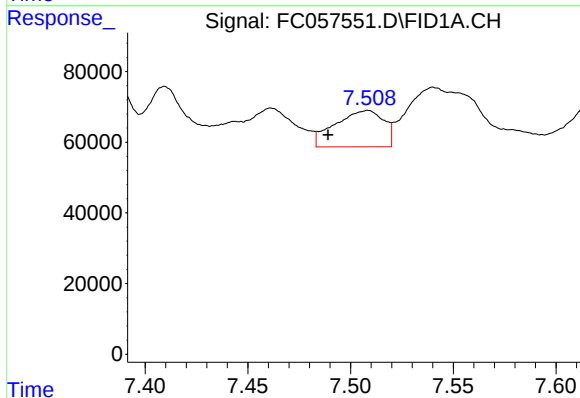
R.T.: 5.673 min
Delta R.T.: -0.026 min
Response: 299643
Conc: 2.43 ug/ml



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

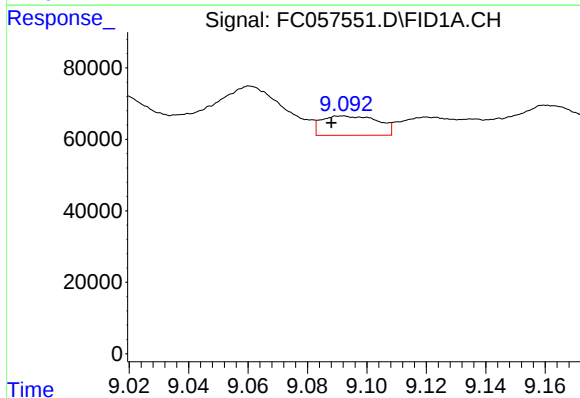
R.T.: 6.334 min
Delta R.T.: 0.014 min
Response: 201940
Conc: 1.44 ug/ml

Instrument :
FID_C
ClientSampleId :



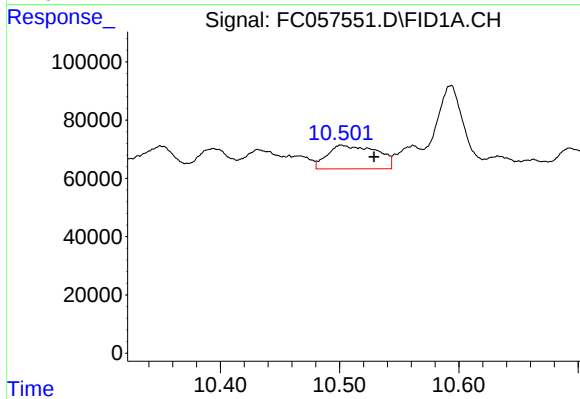
#6 n-Tetradecane (C14)

R.T.: 7.507 min
Delta R.T.: 0.018 min
Response: 169658
Conc: 1.37 ug/ml



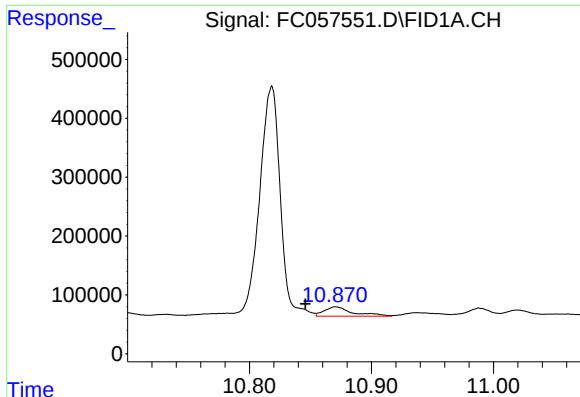
#7 n-Hexadecane (C16)

R.T.: 9.093 min
Delta R.T.: 0.005 min
Response: 71584
Conc: 0.57 ug/ml



#8 n-Octadecane (C18)

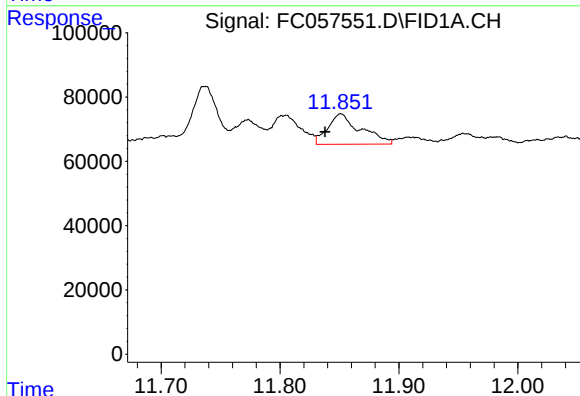
R.T.: 10.502 min
Delta R.T.: -0.027 min
Response: 234472
Conc: 1.81 ug/ml



#9 ortho-Terphenyl (SURR)

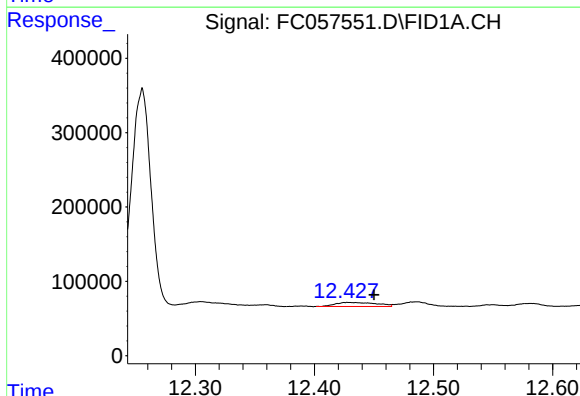
R.T.: 10.871 min
Delta R.T.: 0.025 min
Response: 260108
Conc: 1.87 ug/ml

Instrument :
FID_C
ClientSampleId :



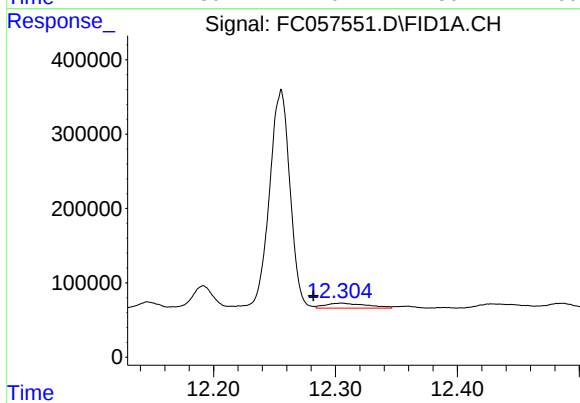
#10 n-Eicosane (C20)

R.T.: 11.851 min
Delta R.T.: 0.013 min
Response: 182219
Conc: 1.40 ug/ml



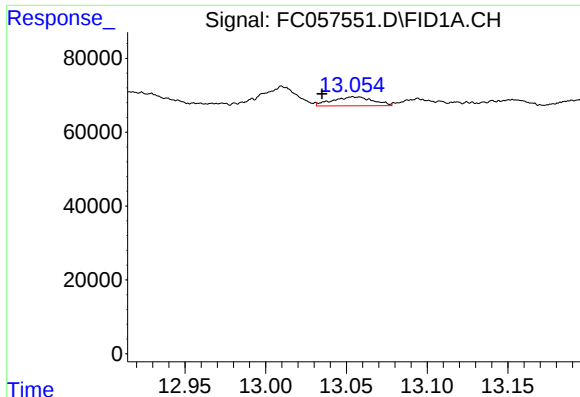
#11 n-Heneicosane (C21)

R.T.: 12.429 min
Delta R.T.: -0.021 min
Response: 132016
Conc: 1.01 ug/ml



#12 1-chlorooctadecane (SURR)

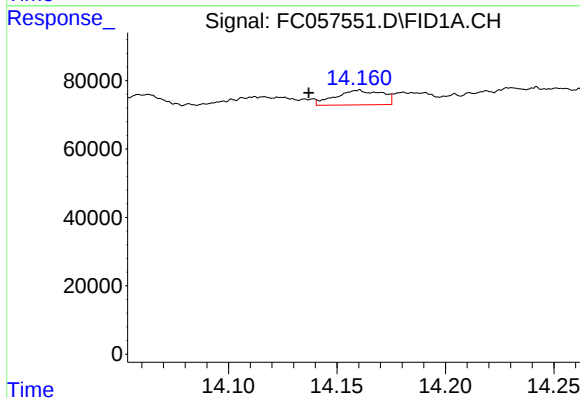
R.T.: 12.304 min
Delta R.T.: 0.022 min
Response: 157569
Conc: 1.42 ug/ml



#13 n-Docosane (C22)

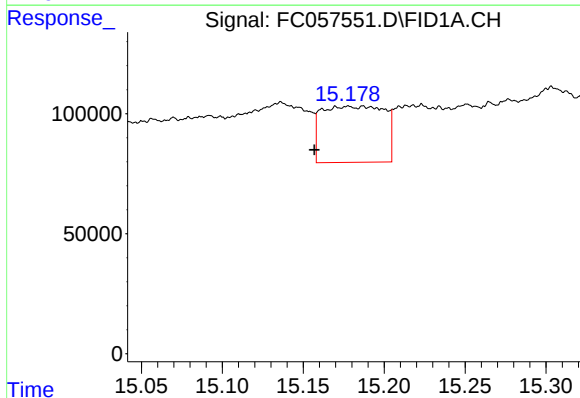
R.T.: 13.055 min
Delta R.T.: 0.020 min
Response: 42517
Conc: 0.32 ug/ml

Instrument :
FID_C
ClientSampleId :



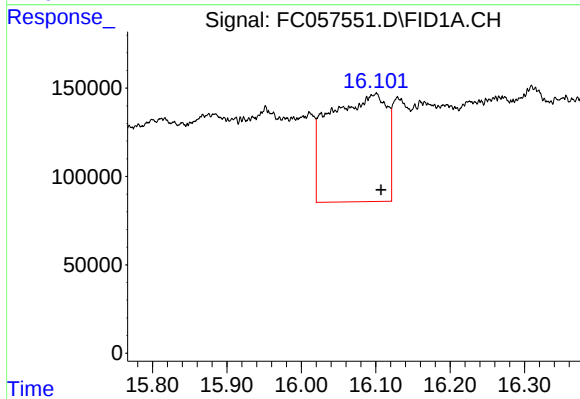
#14 n-Tetracosane (C24)

R.T.: 14.160 min
Delta R.T.: 0.023 min
Response: 63619
Conc: 0.48 ug/ml



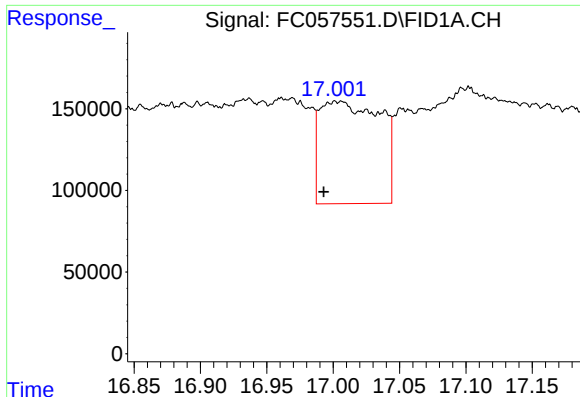
#15 n-Hexacosane (C26)

R.T.: 15.177 min
Delta R.T.: 0.020 min
Response: 629600
Conc: 4.80 ug/ml



#16 n-Octacosane (C28)

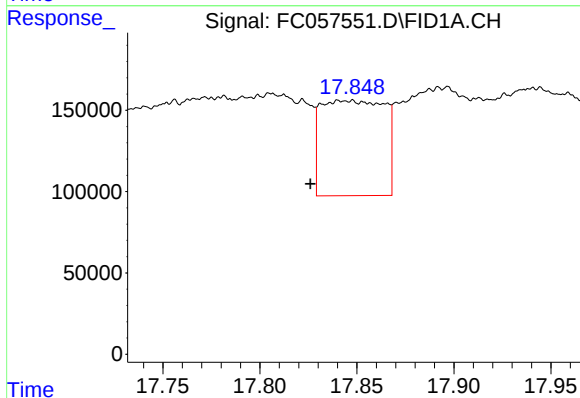
R.T.: 16.099 min
Delta R.T.: -0.008 min
Response: 3285436
Conc: 24.98 ug/ml



#17 n-Tricontane (C30)

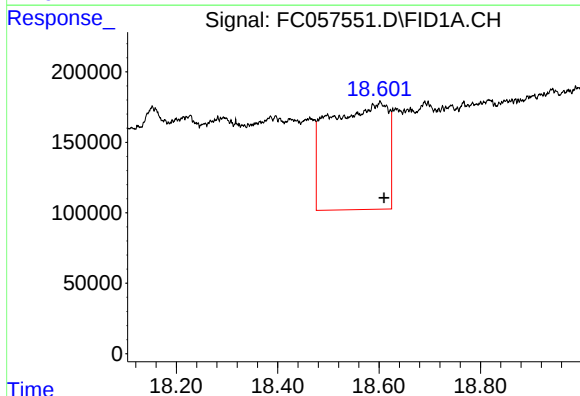
R.T.: 17.004 min
Delta R.T.: 0.011 min
Response: 1980911
Conc: 14.49 ug/ml

Instrument :
FID_C
ClientSampleId :



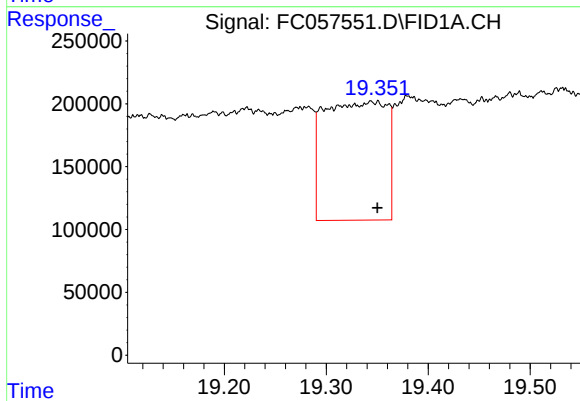
#18 n-Dotriacontane (C32)

R.T.: 17.844 min
Delta R.T.: 0.018 min
Response: 1332566
Conc: 9.94 ug/ml



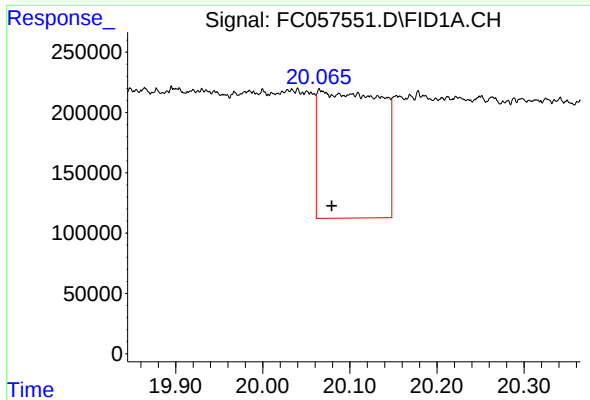
#19 n-Tetratriacontane (C34)

R.T.: 18.602 min
Delta R.T.: -0.008 min
Response: 6111199
Conc: 46.87 ug/ml



#20 n-Hexatriacontane (C36)

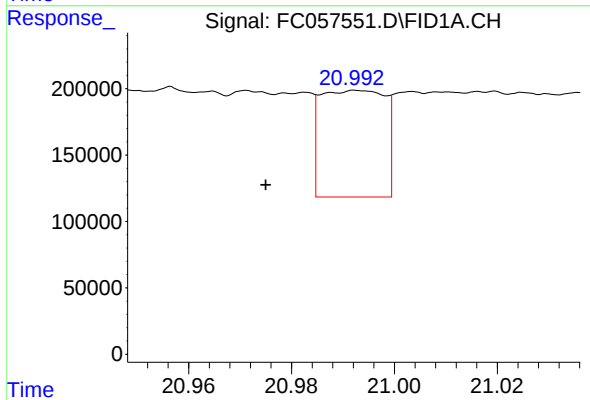
R.T.: 19.345 min
Delta R.T.: -0.005 min
Response: 4041145
Conc: 34.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.067 min
Delta R.T.: -0.012 min
Response: 5285062
Conc: 48.12 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.992 min
Delta R.T.: 0.017 min
Response: 695706
Conc: 6.97 ug/ml