

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057530.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 15:38
 Operator : AJ\MA
 Sample : M5044-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:27:41 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)	10.834	12304832	88.425 ug/ml
Spiked Amount 50.000		Recovery =	176.85%
12) S 1-chlorooctadecane (S...	12.269	7248980	65.459 ug/ml
Spiked Amount 50.000		Recovery =	130.92%
Target Compounds			
1) T n-Nonane (C9)	2.717	80937	0.655 ug/ml
2) T n-Decane (C10)	3.706	192854	1.548 ug/ml
3) T A~Naphthalene (C11.7)	5.285	903319	6.511 ug/ml
4) T n-Dodecane (C12)	5.703	1558365	12.619 ug/ml
5) T A~2-methylnaphthalene...	6.321	1196925	8.559 ug/ml
6) T n-Tetradecane (C14)	7.472	2798669	22.601 ug/ml
7) T n-Hexadecane (C16)	9.076	5692731	45.401 ug/ml
8) T n-Octadecane (C18)	10.540	8944660	69.103 ug/ml
10) T n-Eicosane (C20)	11.825	6390686	49.193 ug/ml
11) T n-Heneicosane (C21)	12.464	6341550	48.319 ug/ml
13) T n-Docosane (C22)	13.030	3428279	26.083 ug/ml
14) T n-Tetracosane (C24)	14.122	1167173	8.776 ug/ml
15) T n-Hexacosane (C26)	15.175	404363	3.084 ug/ml
16) T n-Octacosane (C28)	16.091	43563	0.331 ug/ml
17) T n-Tricontane (C30)	16.972	120809	0.884 ug/ml
18) T n-Dotriacontane (C32)	17.805	535094	3.991 ug/ml
19) T n-Tetratriacontane (C34)	18.590	1071988	8.221 ug/ml
20) T n-Hexatriacontane (C36)	19.331	2613071	22.007 ug/ml
21) T n-Octatriacontane (C38)	20.062	3883691	35.361 ug/ml
22) T n-Tetracontane (C40)	20.932	2258625	22.622 ug/ml

(f)=RT Delta > 1/2 Window

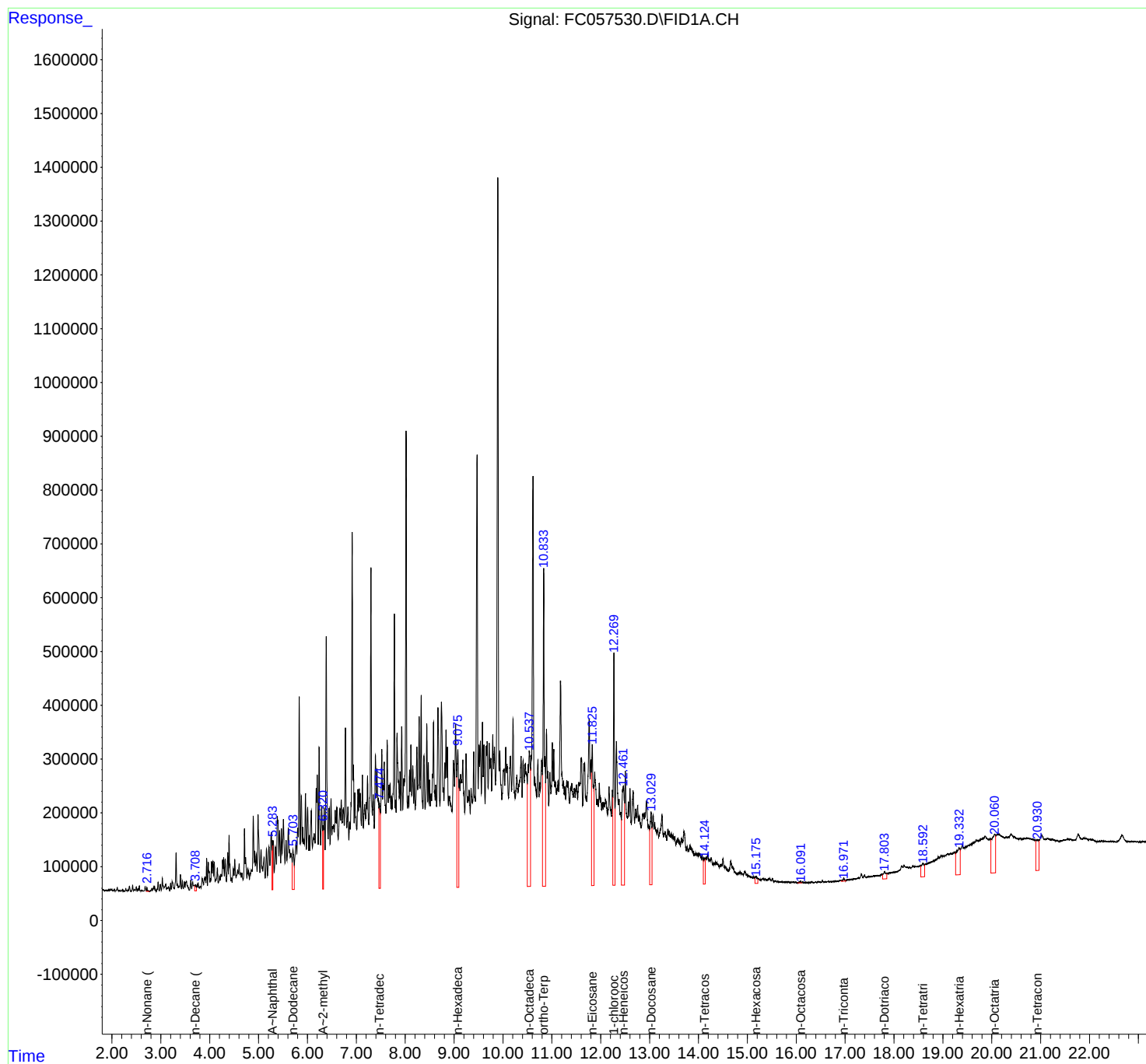
(m)=manual int.

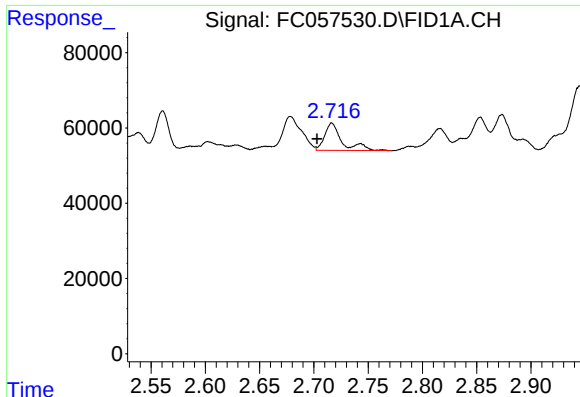
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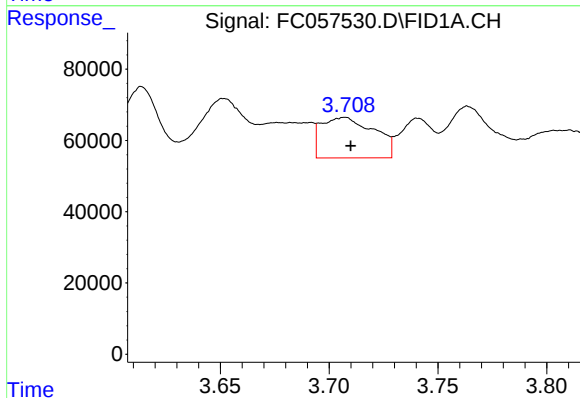




#1 n-Nonane (C9)

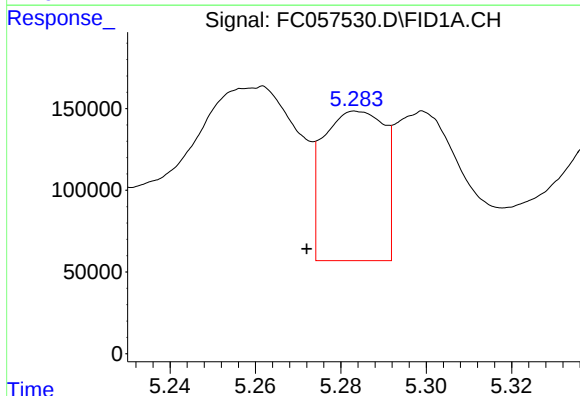
R.T.: 2.717 min
Delta R.T.: 0.014 min
Response: 80937
Conc: 0.66 ug/ml

Instrument :
FID_C
ClientSampleId :



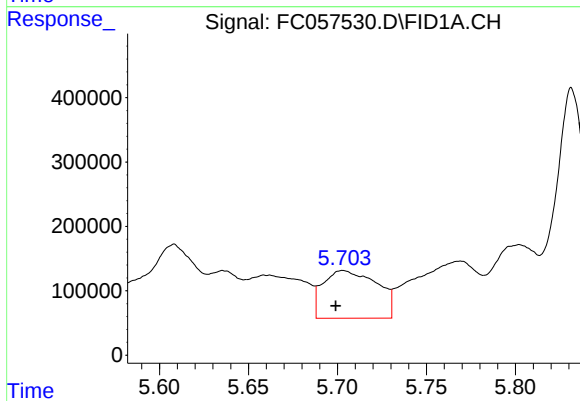
#2 n-Decane (C10)

R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 192854
Conc: 1.55 ug/ml



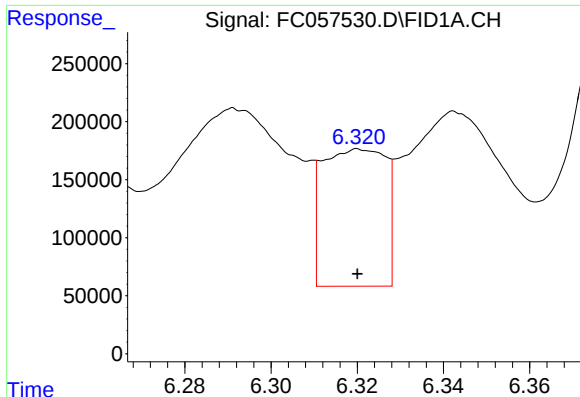
#3 A~Naphthalene (C11.7)

R.T.: 5.285 min
Delta R.T.: 0.013 min
Response: 903319
Conc: 6.51 ug/ml



#4 n-Dodecane (C12)

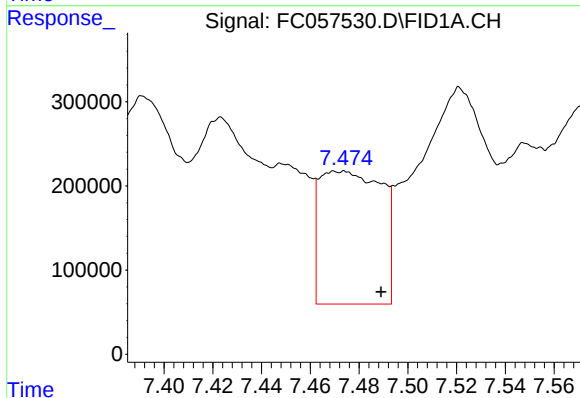
R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 1558365
Conc: 12.62 ug/ml



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

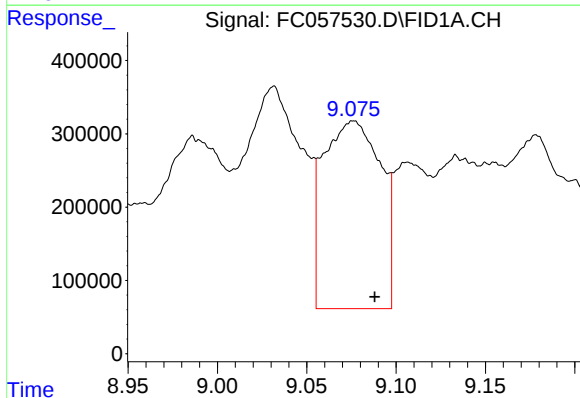
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 1196925
Conc: 8.56 ug/ml

Instrument :
FID_C
ClientSampleId :



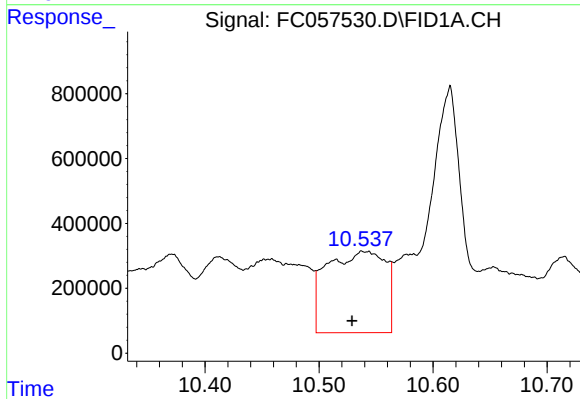
#6 n-Tetradecane (C14)

R.T.: 7.472 min
Delta R.T.: -0.017 min
Response: 2798669
Conc: 22.60 ug/ml



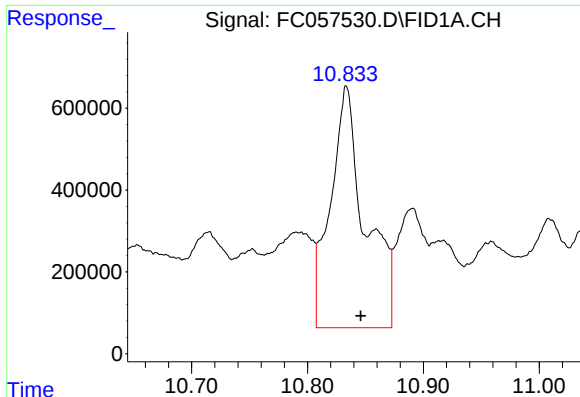
#7 n-Hexadecane (C16)

R.T.: 9.076 min
Delta R.T.: -0.012 min
Response: 5692731
Conc: 45.40 ug/ml



#8 n-Octadecane (C18)

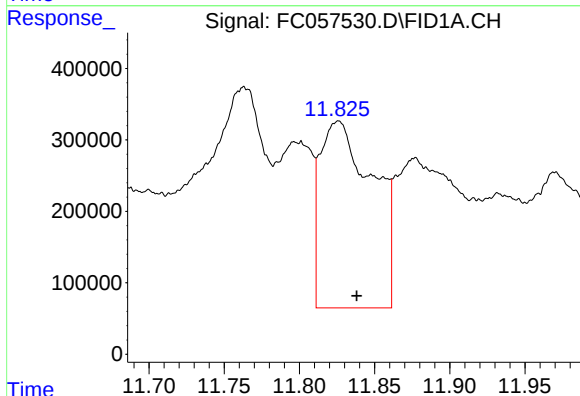
R.T.: 10.540 min
Delta R.T.: 0.011 min
Response: 8944660
Conc: 69.10 ug/ml



#9 ortho-Terphenyl (SURR)

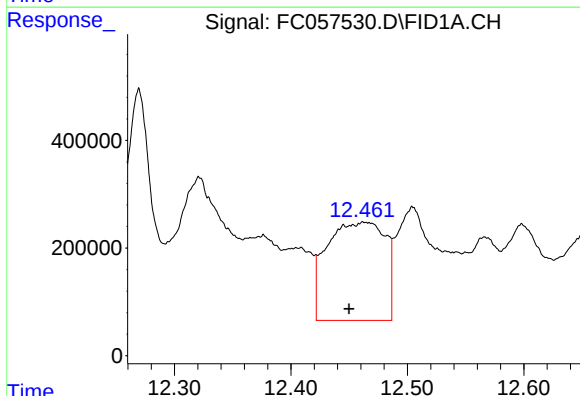
R.T.: 10.834 min
Delta R.T.: -0.012 min
Response: 12304832
Conc: 88.42 ug/ml

Instrument :
FID_C
ClientSampleId :



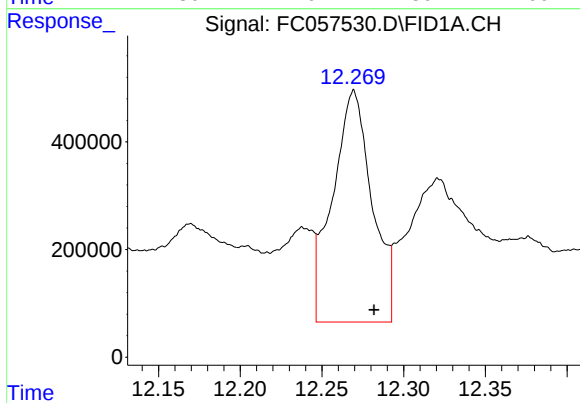
#10 n-Eicosane (C20)

R.T.: 11.825 min
Delta R.T.: -0.013 min
Response: 6390686
Conc: 49.19 ug/ml



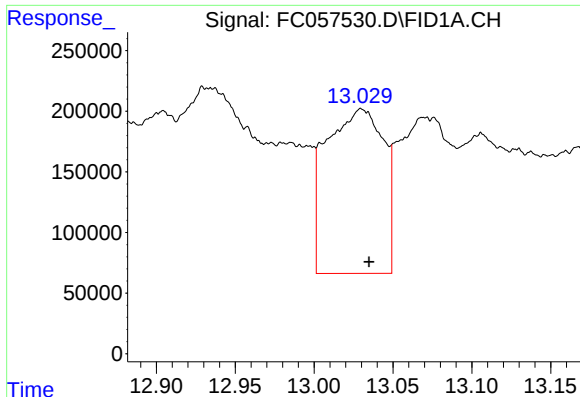
#11 n-Heneicosane (C21)

R.T.: 12.464 min
Delta R.T.: 0.014 min
Response: 6341550
Conc: 48.32 ug/ml



#12 1-chlorooctadecane (SURR)

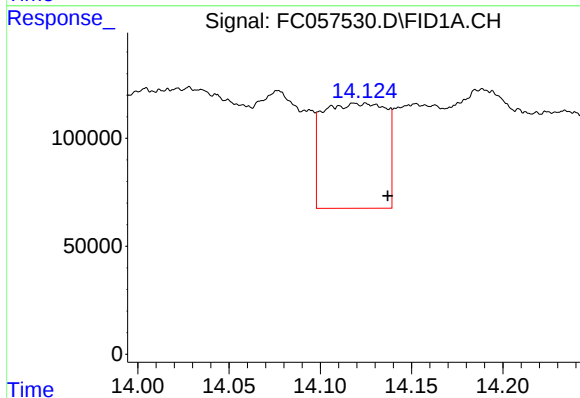
R.T.: 12.269 min
Delta R.T.: -0.013 min
Response: 7248980
Conc: 65.46 ug/ml



#13 n-Docosane (C22)

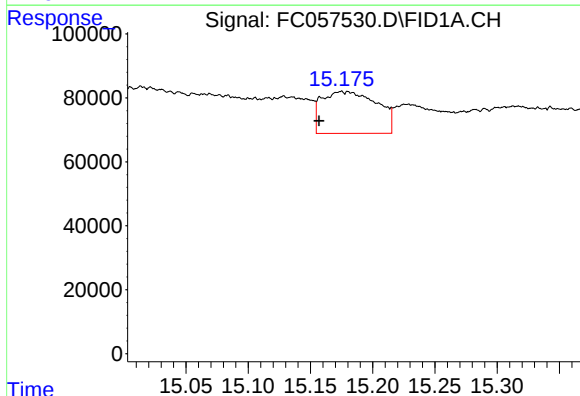
R.T.: 13.030 min
Delta R.T.: -0.005 min
Response: 3428279
Conc: 26.08 ug/ml

Instrument :
FID_C
ClientSampleId :



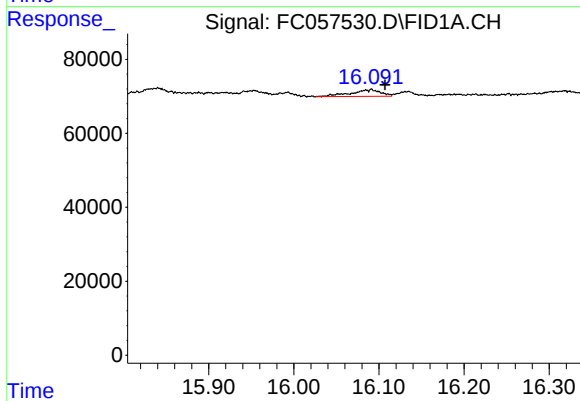
#14 n-Tetracosane (C24)

R.T.: 14.122 min
Delta R.T.: -0.015 min
Response: 1167173
Conc: 8.78 ug/ml



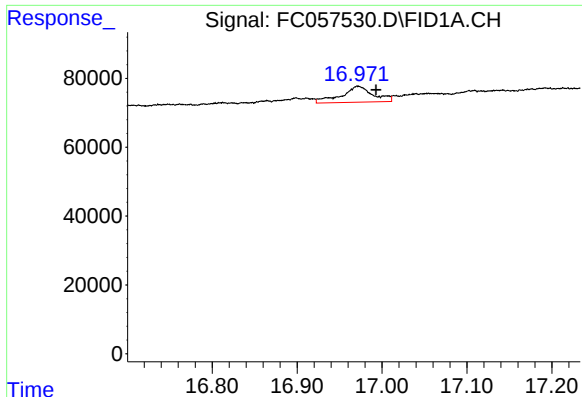
#15 n-Hexacosane (C26)

R.T.: 15.175 min
Delta R.T.: 0.018 min
Response: 404363
Conc: 3.08 ug/ml



#16 n-Octacosane (C28)

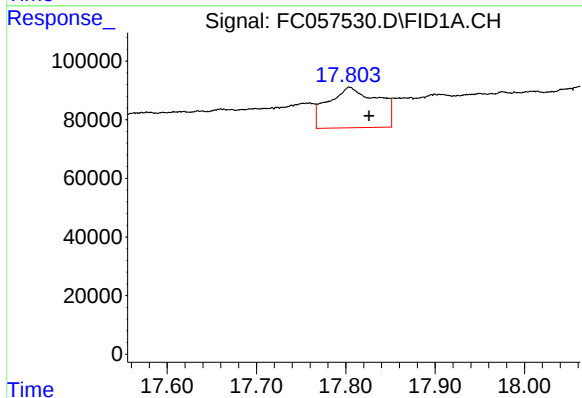
R.T.: 16.091 min
Delta R.T.: -0.016 min
Response: 43563
Conc: 0.33 ug/ml



#17 n-Tricontane (C30)

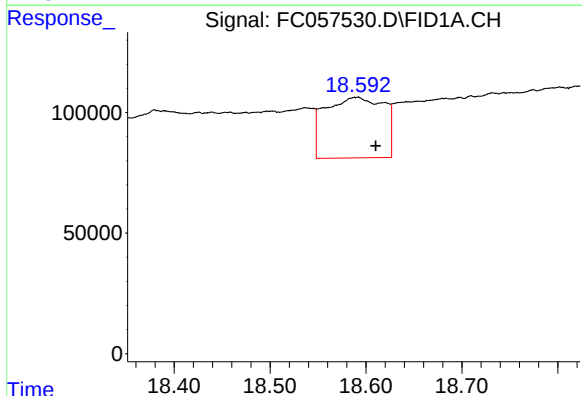
R.T.: 16.972 min
Delta R.T.: -0.021 min
Response: 120809
Conc: 0.88 ug/ml

Instrument :
FID_C
ClientSampleId :



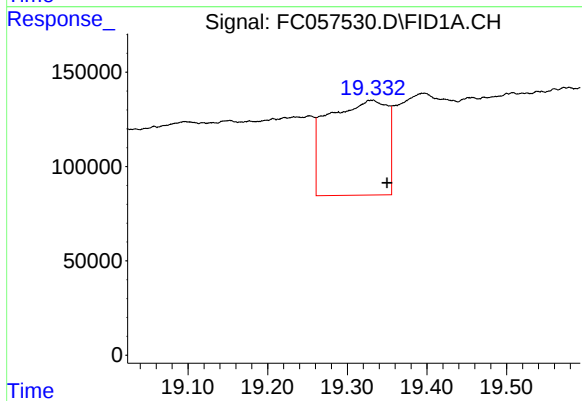
#18 n-Dotriacontane (C32)

R.T.: 17.805 min
Delta R.T.: -0.021 min
Response: 535094
Conc: 3.99 ug/ml



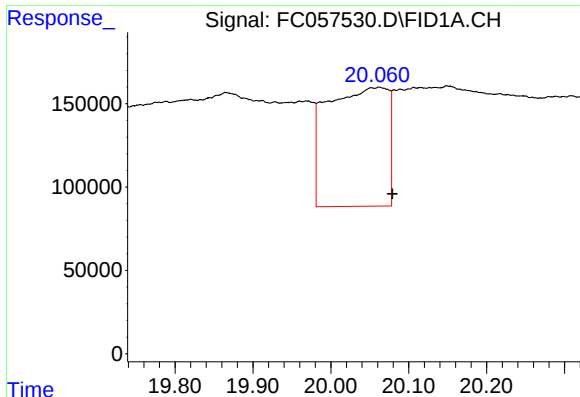
#19 n-Tetratriacontane (C34)

R.T.: 18.590 min
Delta R.T.: -0.020 min
Response: 1071988
Conc: 8.22 ug/ml



#20 n-Hexatriacontane (C36)

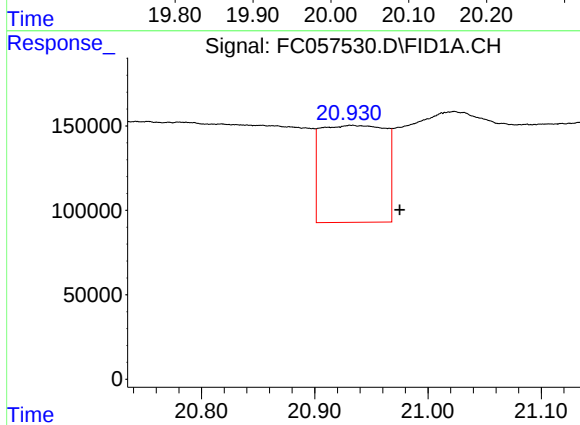
R.T.: 19.331 min
Delta R.T.: -0.020 min
Response: 2613071
Conc: 22.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.062 min
Delta R.T.: -0.017 min
Response: 3883691
Conc: 35.36 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.932 min
Delta R.T.: -0.043 min
Response: 2258625
Conc: 22.62 ug/ml