

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057544.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 23:30
 Operator : AJ\MA
 Sample : M5044-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:33:24 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	167320	1.202 ug/ml
Spiked Amount 50.000		Recovery =	2.40%
12) S 1-chlorooctadecane (S...	12.302	99301	0.897 ug/ml
Spiked Amount 50.000		Recovery =	1.79%
Target Compounds			
1) T n-Nonane (C9)	2.708	323185	2.616 ug/ml
2) T n-Decane (C10)	3.690	2536459	20.364 ug/ml
3) T A~Naphthalene (C11.7)	5.279	2618648	18.876 ug/ml
4) T n-Dodecane (C12)	5.676	2669477	21.616 ug/ml
5) T A~2-methylnaphthalene...	6.335	774221	5.536 ug/ml
6) T n-Tetradecane (C14)	7.509	137229	1.108 ug/ml
7) T n-Hexadecane (C16)	9.062	568228	4.532 ug/ml
8) T n-Octadecane (C18)	10.503	349794	2.702 ug/ml
10) T n-Eicosane (C20)	11.853	99845	0.769 ug/ml
11) T n-Heneicosane (C21)	12.424	147672	1.125 ug/ml
13) T n-Docosane (C22)	13.056	20573	0.157 ug/ml
14) T n-Tetracosane (C24)	14.113	42654	0.321 ug/ml
15) T n-Hexacosane (C26)	15.138	538135	4.104 ug/ml
16) T n-Octacosane (C28)	16.091	1647963	12.532 ug/ml
17) T n-Tricontane (C30)	16.968	1387926	10.155 ug/ml
18) T n-Dotriacontane (C32)	17.804	1487648	11.095 ug/ml
19) T n-Tetratriacontane (C34)	18.588	1479646	11.347 ug/ml
20) T n-Hexatriacontane (C36)	19.332	1053052	8.869 ug/ml
21) T n-Octatriacontane (C38)	20.090	1345797	12.253 ug/ml
22) T n-Tetracontane (C40)	20.970	244332	2.447 ug/ml

(f)=RT Delta > 1/2 Window

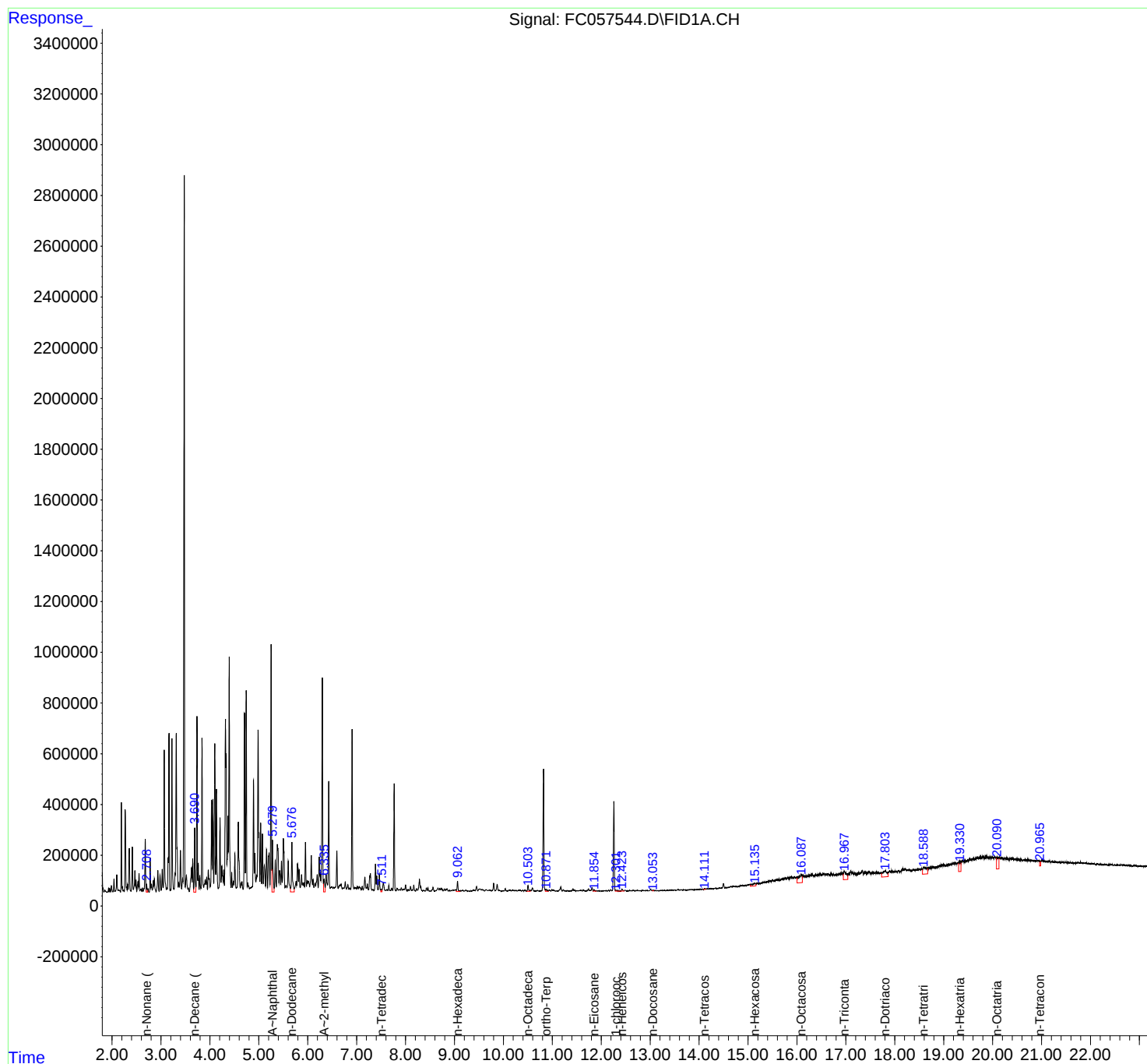
(m)=manual int.

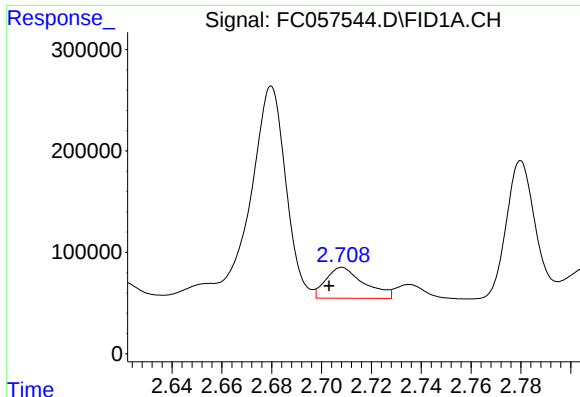
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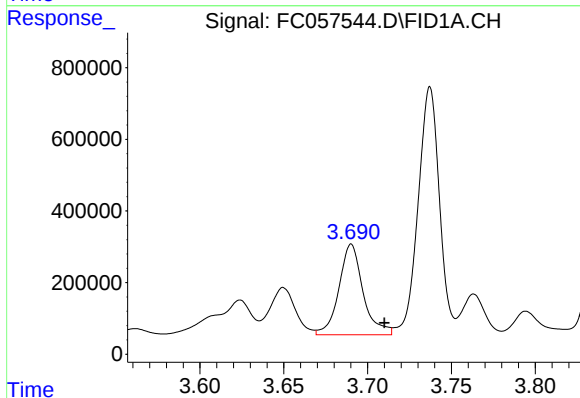




#1 n-Nonane (C9)

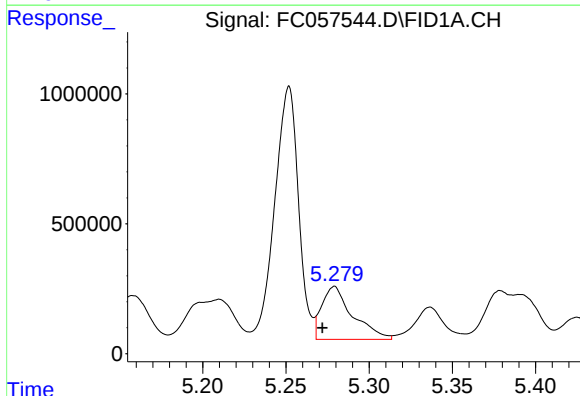
R.T.: 2.708 min
Delta R.T.: 0.005 min
Response: 323185
Conc: 2.62 ug/ml

Instrument :
FID_C
ClientSampleId :



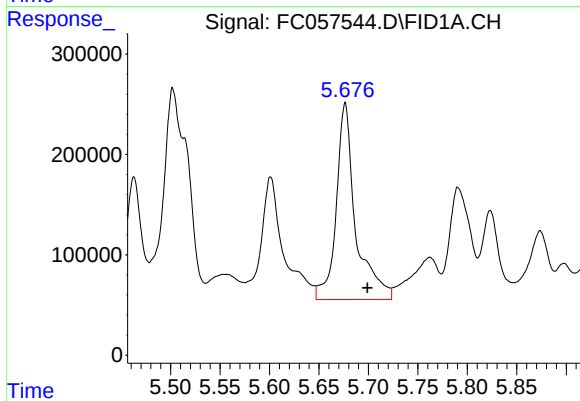
#2 n-Decane (C10)

R.T.: 3.690 min
Delta R.T.: -0.020 min
Response: 2536459
Conc: 20.36 ug/ml



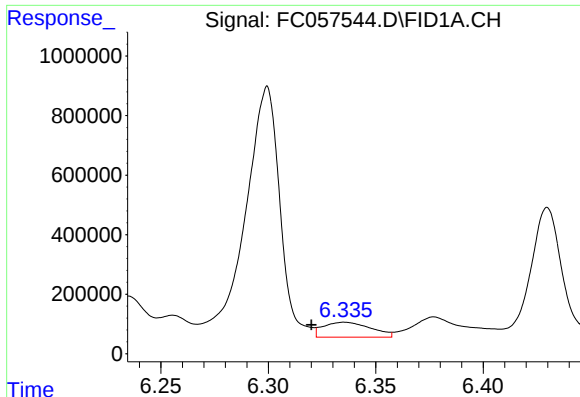
#3 A~Naphthalene (C11.7)

R.T.: 5.279 min
Delta R.T.: 0.007 min
Response: 2618648
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

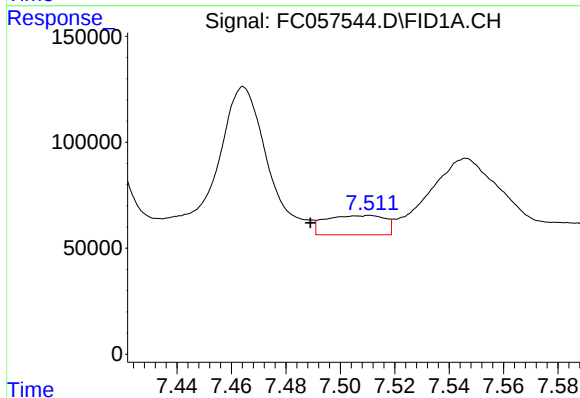
R.T.: 5.676 min
Delta R.T.: -0.023 min
Response: 2669477
Conc: 21.62 ug/ml



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

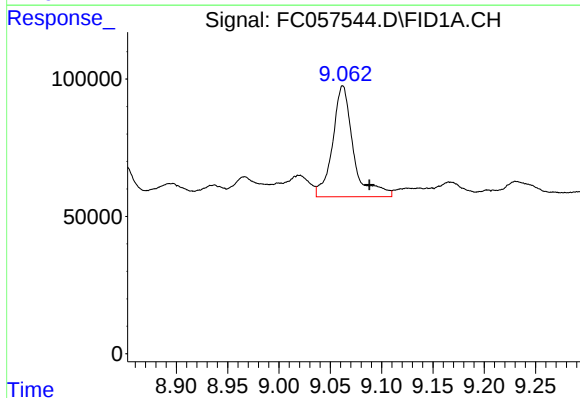
R.T.: 6.335 min
Delta R.T.: 0.015 min
Response: 774221
Conc: 5.54 ug/ml

Instrument :
FID_C
ClientSampleId :



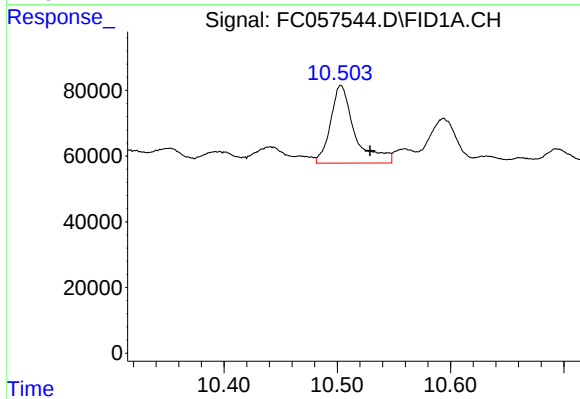
#6 n-Tetradecane (C14)

R.T.: 7.509 min
Delta R.T.: 0.020 min
Response: 137229
Conc: 1.11 ug/ml



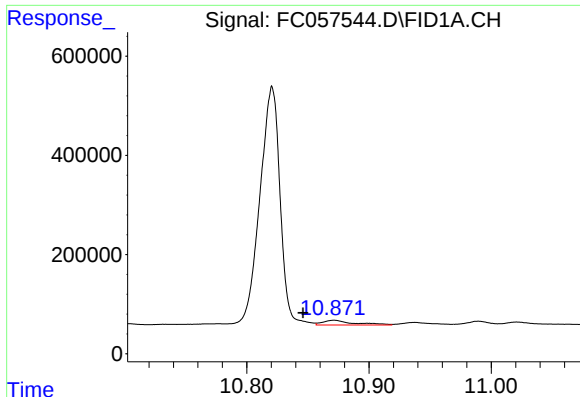
#7 n-Hexadecane (C16)

R.T.: 9.062 min
Delta R.T.: -0.026 min
Response: 568228
Conc: 4.53 ug/ml



#8 n-Octadecane (C18)

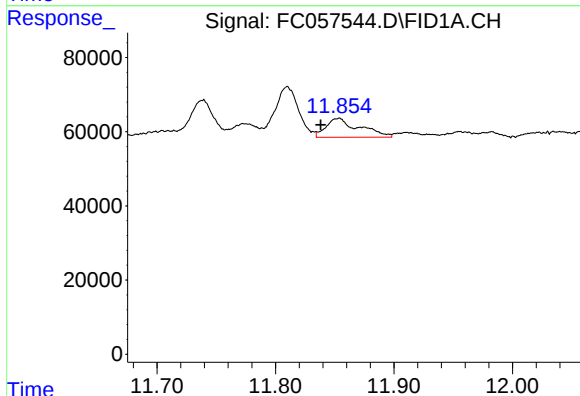
R.T.: 10.503 min
Delta R.T.: -0.026 min
Response: 349794
Conc: 2.70 ug/ml



#9 ortho-Terphenyl (SURR)

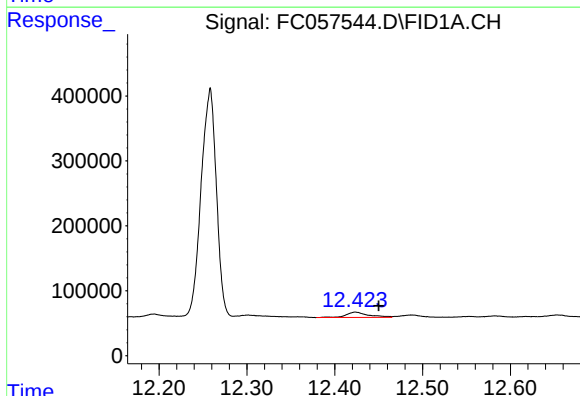
R.T.: 10.871 min
Delta R.T.: 0.025 min
Response: 167320
Conc: 1.20 ug/ml

Instrument :
FID_C
ClientSampleId :



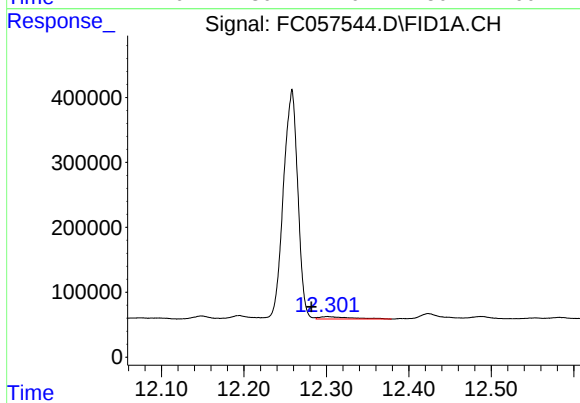
#10 n-Eicosane (C20)

R.T.: 11.853 min
Delta R.T.: 0.015 min
Response: 99845
Conc: 0.77 ug/ml



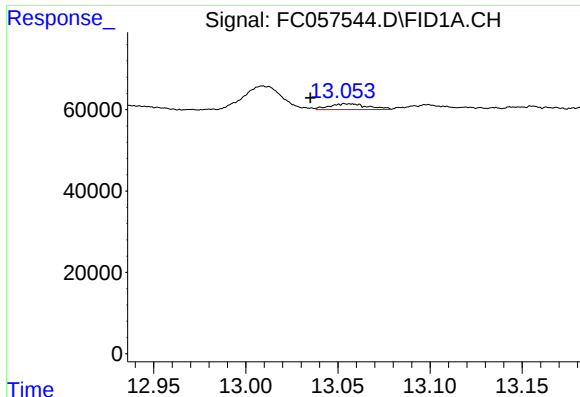
#11 n-Heneicosane (C21)

R.T.: 12.424 min
Delta R.T.: -0.026 min
Response: 147672
Conc: 1.13 ug/ml



#12 1-chlorooctadecane (SURR)

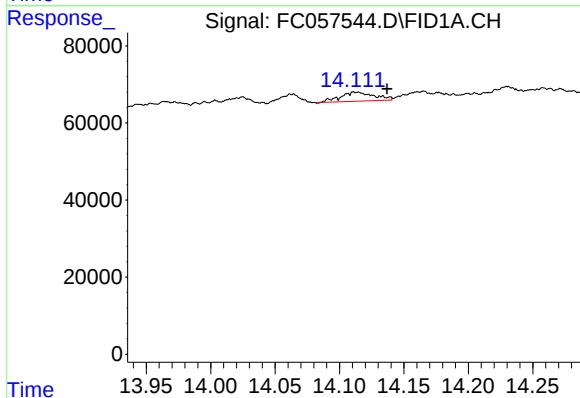
R.T.: 12.302 min
Delta R.T.: 0.020 min
Response: 99301
Conc: 0.90 ug/ml



#13 n-Docosane (C22)

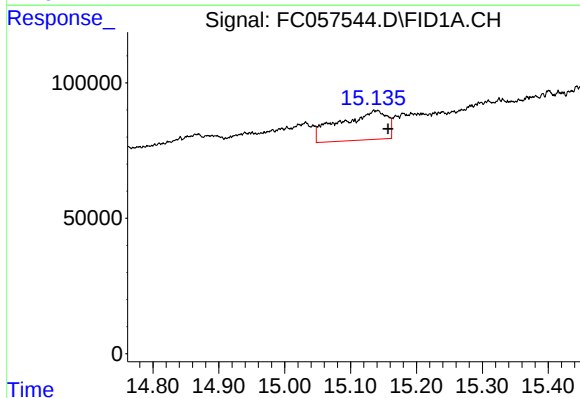
R.T.: 13.056 min
Delta R.T.: 0.021 min
Response: 20573
Conc: 0.16 ug/ml

Instrument :
FID_C
ClientSampleId :



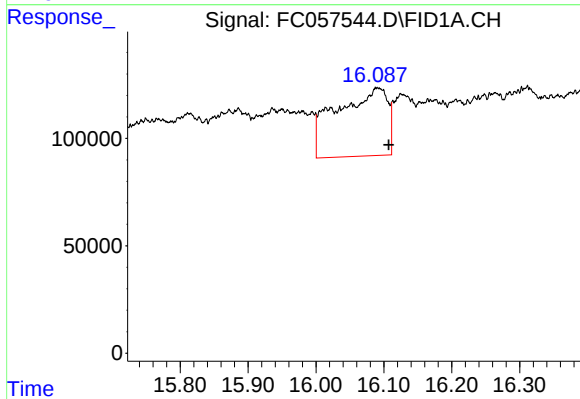
#14 n-Tetracosane (C24)

R.T.: 14.113 min
Delta R.T.: -0.024 min
Response: 42654
Conc: 0.32 ug/ml



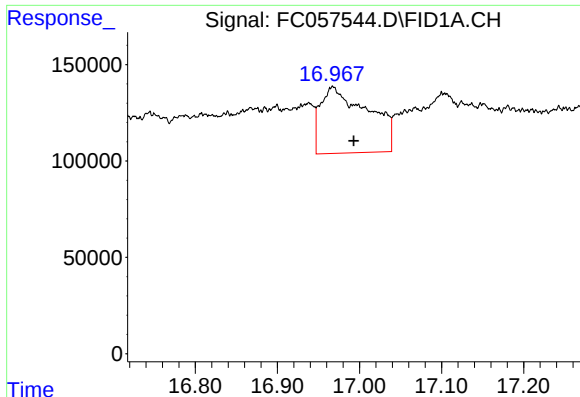
#15 n-Hexacosane (C26)

R.T.: 15.138 min
Delta R.T.: -0.019 min
Response: 538135
Conc: 4.10 ug/ml



#16 n-Octacosane (C28)

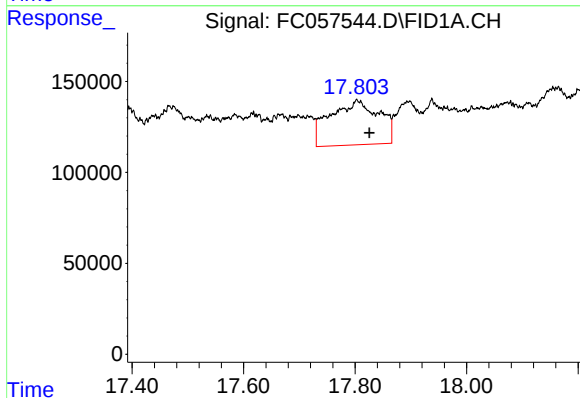
R.T.: 16.091 min
Delta R.T.: -0.016 min
Response: 1647963
Conc: 12.53 ug/ml



#17 n-Tricontane (C30)

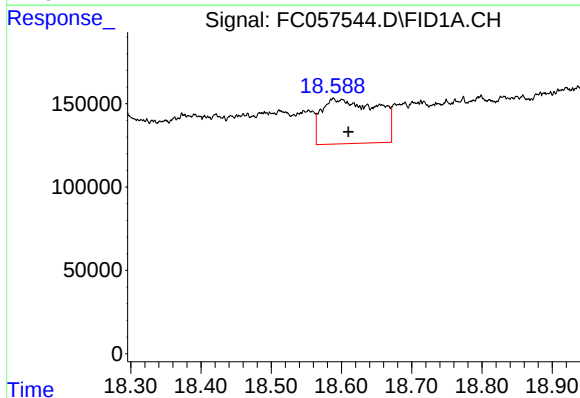
R.T.: 16.968 min
Delta R.T.: -0.025 min
Response: 1387926
Conc: 10.16 ug/ml

Instrument :
FID_C
ClientSampleId :



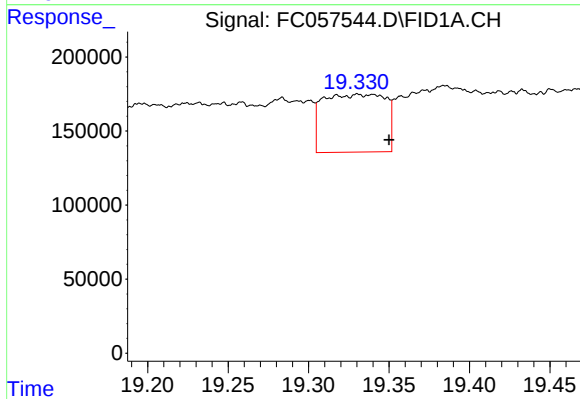
#18 n-Dotriacontane (C32)

R.T.: 17.804 min
Delta R.T.: -0.022 min
Response: 1487648
Conc: 11.10 ug/ml



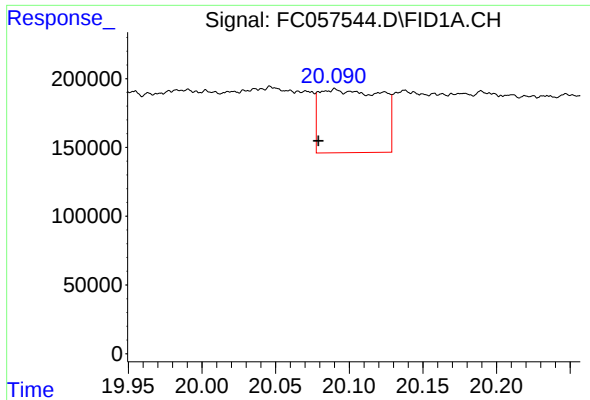
#19 n-Tetratriacontane (C34)

R.T.: 18.588 min
Delta R.T.: -0.022 min
Response: 1479646
Conc: 11.35 ug/ml



#20 n-Hexatriacontane (C36)

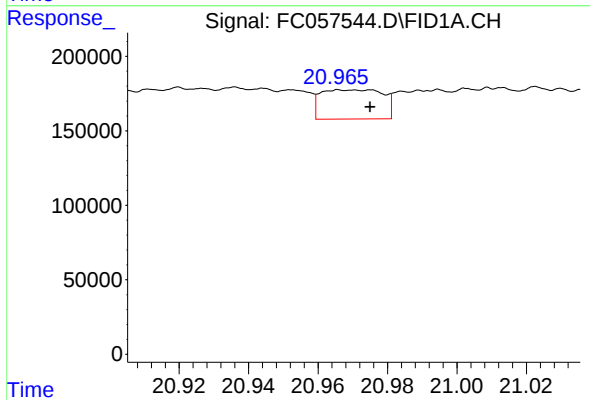
R.T.: 19.332 min
Delta R.T.: -0.018 min
Response: 1053052
Conc: 8.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.090 min
Delta R.T.: 0.011 min
Response: 1345797
Conc: 12.25 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.970 min
Delta R.T.: -0.005 min
Response: 244332
Conc: 2.45 ug/ml