

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057556.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 6:14
 Operator : AJ\MA
 Sample : M5089-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 08:13:31 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)	10.819	4794094	34.451 ug/ml
Spiked Amount 50.000		Recovery =	68.90%
12) S 1-chlorooctadecane (S...	12.258	3662459	33.073 ug/ml
Spiked Amount 50.000		Recovery =	66.15%
Target Compounds			
1) T n-Nonane (C9)	2.710	6090	0.049 ug/ml
2) T n-Decane (C10)	3.687	15357	0.123 ug/ml
3) T A~Naphthalene (C11.7)	5.290	10154	0.073 ug/ml
4) T n-Dodecane (C12)	5.689	26272	0.213 ug/ml
5) T A~2-methylnaphthalene...	6.292	121549	0.869 ug/ml
6) T n-Tetradecane (C14)	7.512	18525	0.150 ug/ml
7) T n-Hexadecane (C16)	9.064	104538	0.834 ug/ml
8) T n-Octadecane (C18)	10.504	36724	0.284 ug/ml
10) T n-Eicosane (C20)	11.858	2324838	17.896 ug/ml
11) T n-Heneicosane (C21)	12.422	168482	1.284 ug/ml
13) T n-Docosane (C22)	13.017	257671	1.960 ug/ml
14) T n-Tetracosane (C24)	14.145	169798	1.277 ug/ml
15) T n-Hexacosane (C26)	15.131	191813	1.463 ug/ml
16) T n-Octacosane (C28)	16.129	446996	3.399 ug/ml
17) T n-Tricontane (C30)	16.969	672829	4.923 ug/ml
18) T n-Dotriacontane (C32)	17.804	2576949	19.220 ug/ml
19) T n-Tetratriacontane (C34)	18.591	1771611	13.586 ug/ml
20) T n-Hexatriacontane (C36)	19.321	1890058	15.918 ug/ml
21) T n-Octatriacontane (C38)	20.093	6166028	56.141 ug/ml
22) T n-Tetracontane (C40)	20.939	3930415	39.366 ug/ml

(f)=RT Delta > 1/2 Window

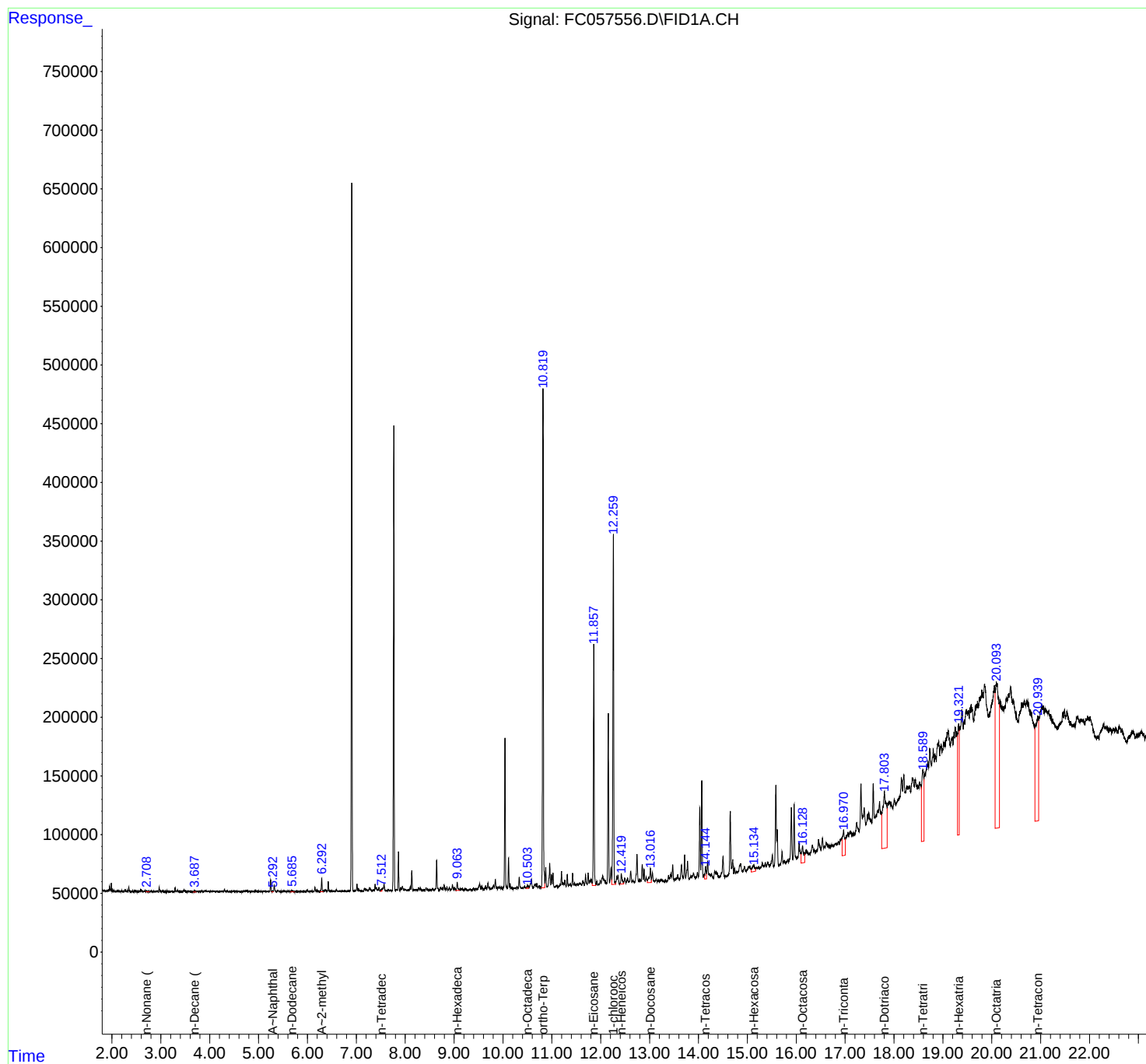
(m)=manual int.

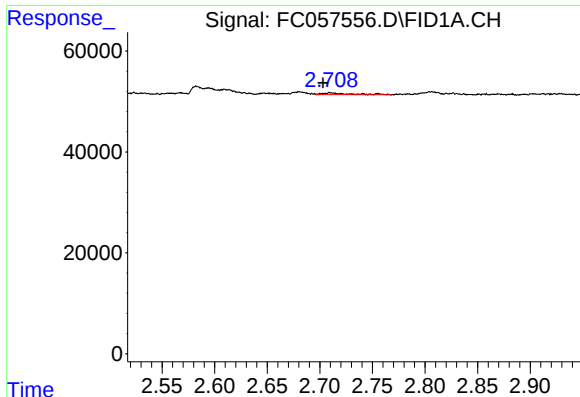
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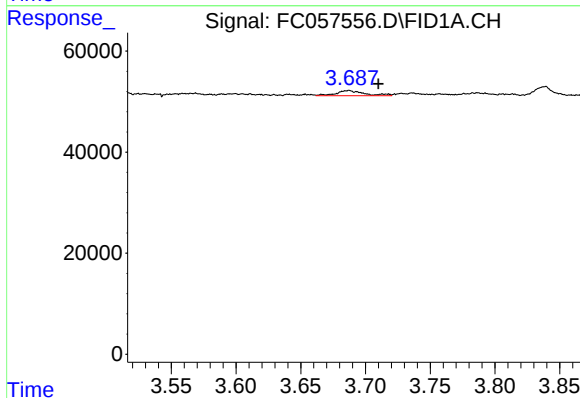




#1 n-Nonane (C9)

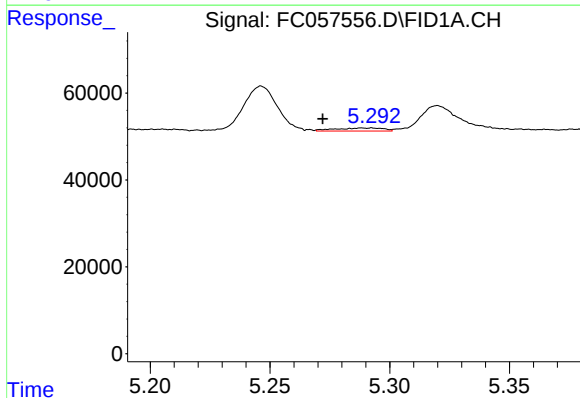
R.T.: 2.710 min
Delta R.T.: 0.007 min
Response: 6090
Conc: 0.05 ug/ml

Instrument :
FID_C
ClientSampleId :



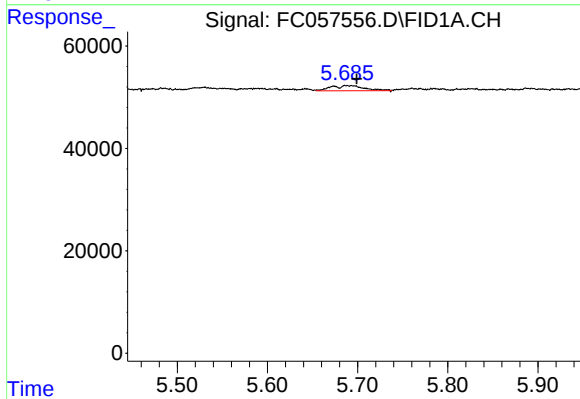
#2 n-Decane (C10)

R.T.: 3.687 min
Delta R.T.: -0.023 min
Response: 15357
Conc: 0.12 ug/ml



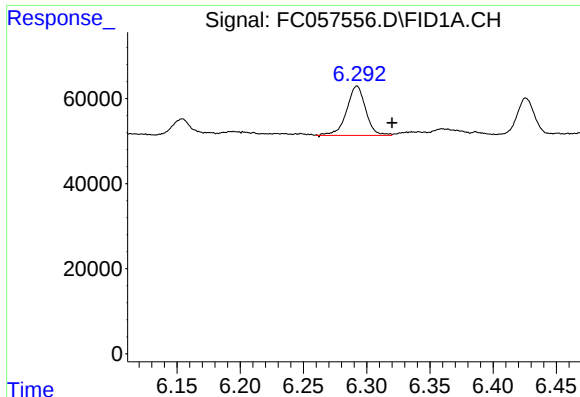
#3 A~Naphthalene (C11.7)

R.T.: 5.290 min
Delta R.T.: 0.018 min
Response: 10154
Conc: 0.07 ug/ml



#4 n-Dodecane (C12)

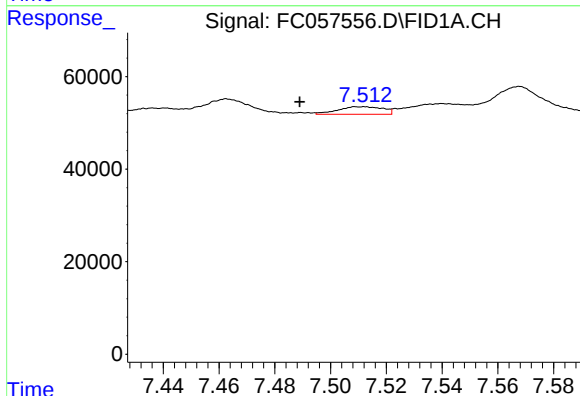
R.T.: 5.689 min
Delta R.T.: -0.010 min
Response: 26272
Conc: 0.21 ug/ml



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

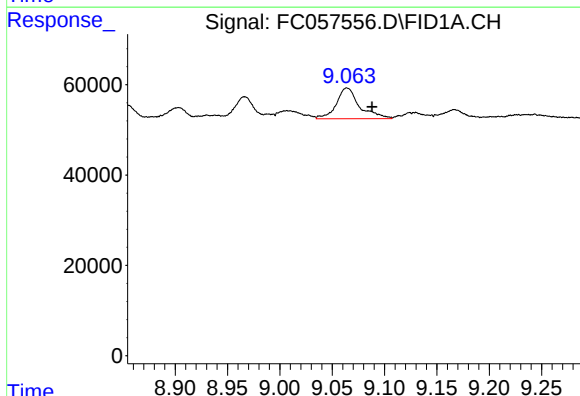
R.T.: 6.292 min
Delta R.T.: -0.028 min
Response: 121549
Conc: 0.87 ug/ml

Instrument :
FID_C
ClientSampleId :



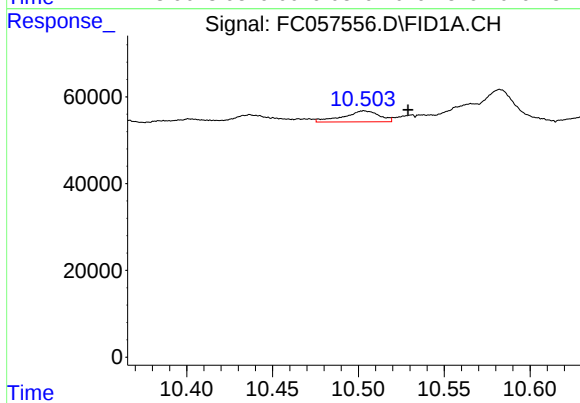
#6 n-Tetradecane (C14)

R.T.: 7.512 min
Delta R.T.: 0.023 min
Response: 18525
Conc: 0.15 ug/ml



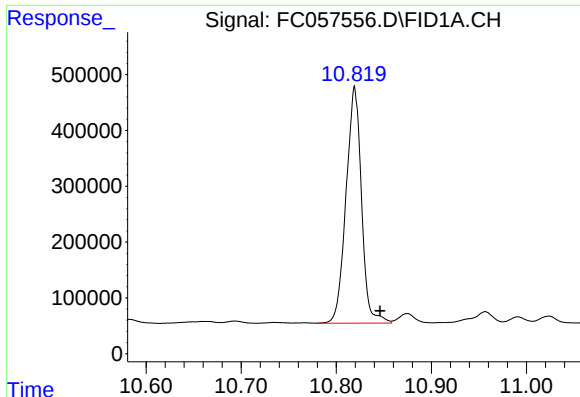
#7 n-Hexadecane (C16)

R.T.: 9.064 min
Delta R.T.: -0.024 min
Response: 104538
Conc: 0.83 ug/ml



#8 n-Octadecane (C18)

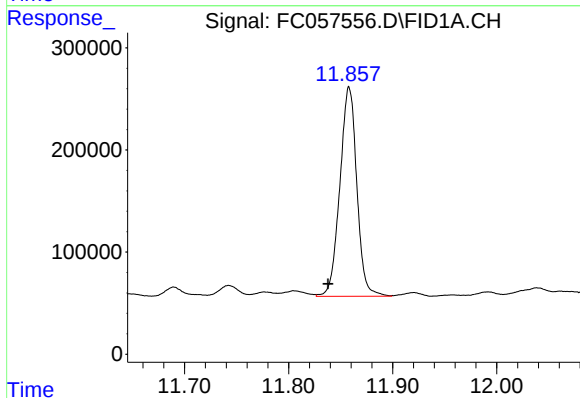
R.T.: 10.504 min
Delta R.T.: -0.025 min
Response: 36724
Conc: 0.28 ug/ml



#9 ortho-Terphenyl (SURR)

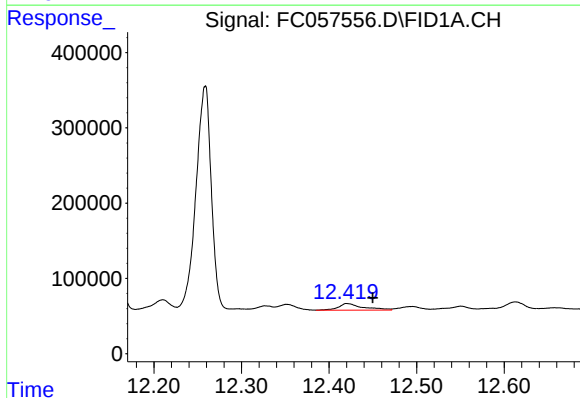
R.T.: 10.819 min
Delta R.T.: -0.027 min
Response: 4794094
Conc: 34.45 ug/ml

Instrument :
FID_C
ClientSampleId :



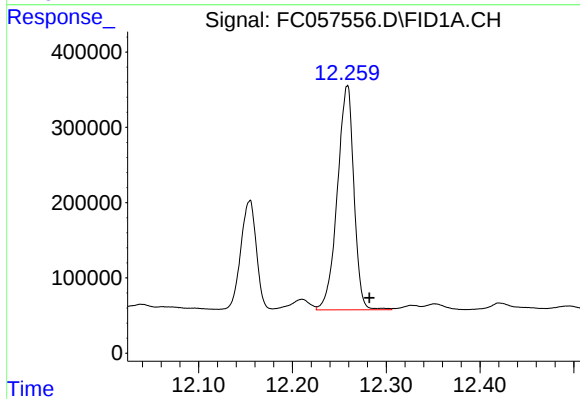
#10 n-Eicosane (C20)

R.T.: 11.858 min
Delta R.T.: 0.020 min
Response: 2324838
Conc: 17.90 ug/ml



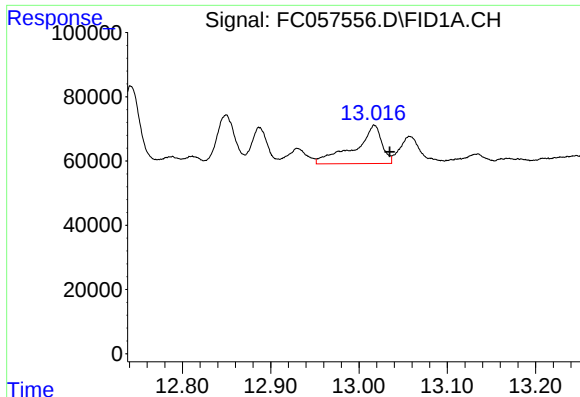
#11 n-Heneicosane (C21)

R.T.: 12.422 min
Delta R.T.: -0.028 min
Response: 168482
Conc: 1.28 ug/ml



#12 1-chlorooctadecane (SURR)

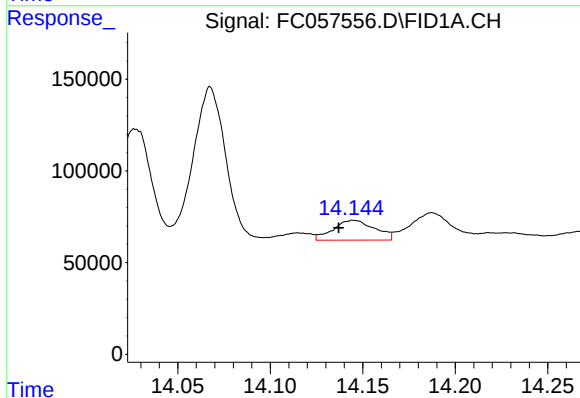
R.T.: 12.258 min
Delta R.T.: -0.024 min
Response: 3662459
Conc: 33.07 ug/ml



#13 n-Docosane (C22)

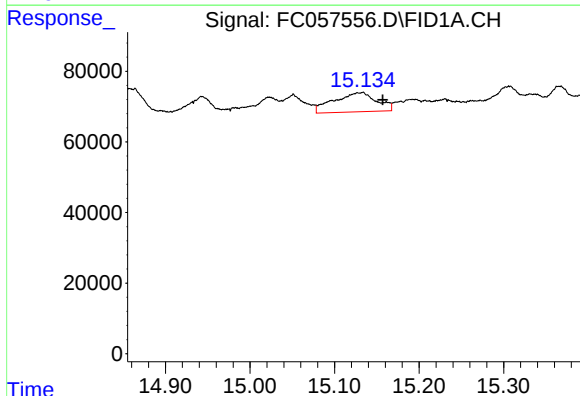
R.T.: 13.017 min
Delta R.T.: -0.018 min
Response: 257671
Conc: 1.96 ug/ml

Instrument :
FID_C
ClientSampleId :



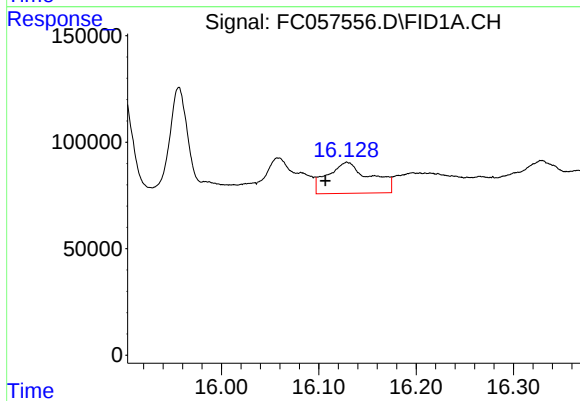
#14 n-Tetracosane (C24)

R.T.: 14.145 min
Delta R.T.: 0.008 min
Response: 169798
Conc: 1.28 ug/ml



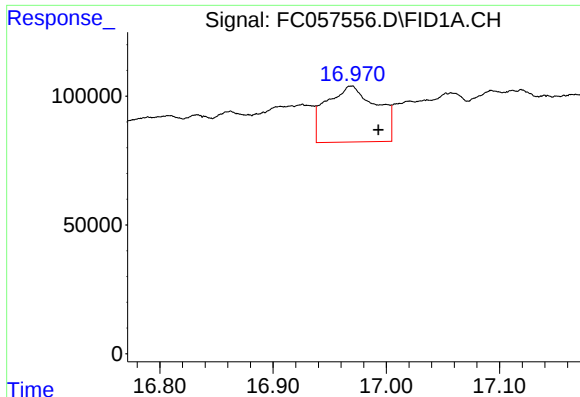
#15 n-Hexacosane (C26)

R.T.: 15.131 min
Delta R.T.: -0.026 min
Response: 191813
Conc: 1.46 ug/ml



#16 n-Octacosane (C28)

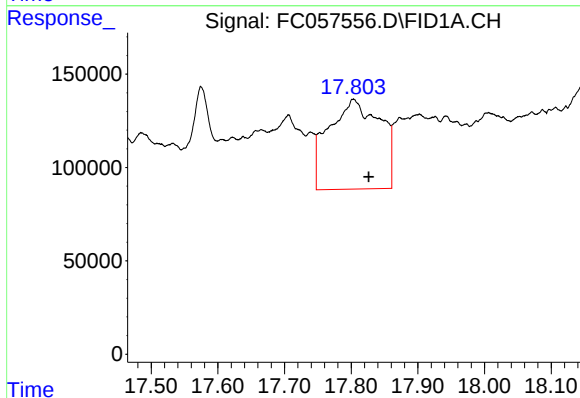
R.T.: 16.129 min
Delta R.T.: 0.022 min
Response: 446996
Conc: 3.40 ug/ml



#17 n-Tricontane (C30)

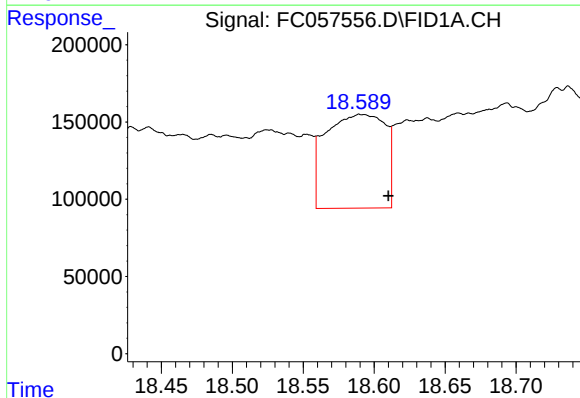
R.T.: 16.969 min
Delta R.T.: -0.024 min
Response: 672829
Conc: 4.92 ug/ml

Instrument :
FID_C
ClientSampleId :



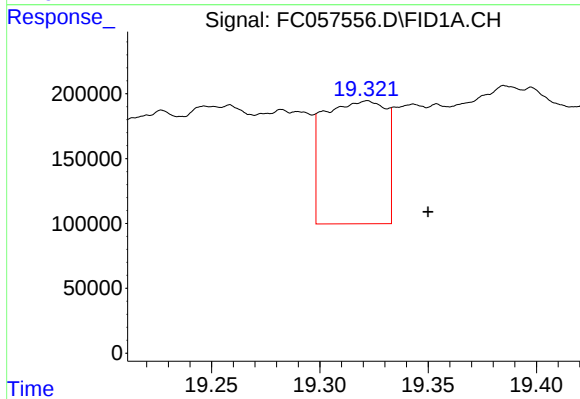
#18 n-Dotriacontane (C32)

R.T.: 17.804 min
Delta R.T.: -0.022 min
Response: 2576949
Conc: 19.22 ug/ml



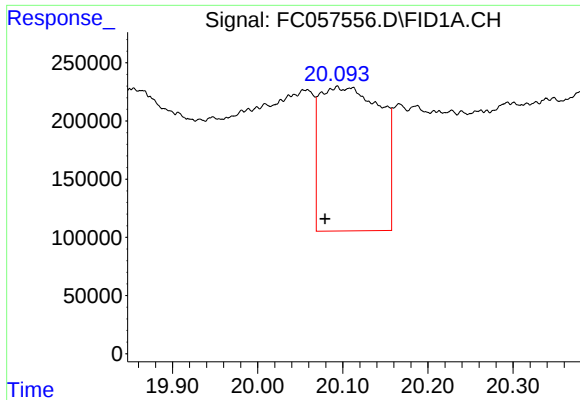
#19 n-Tetratriacontane (C34)

R.T.: 18.591 min
Delta R.T.: -0.019 min
Response: 1771611
Conc: 13.59 ug/ml



#20 n-Hexatriacontane (C36)

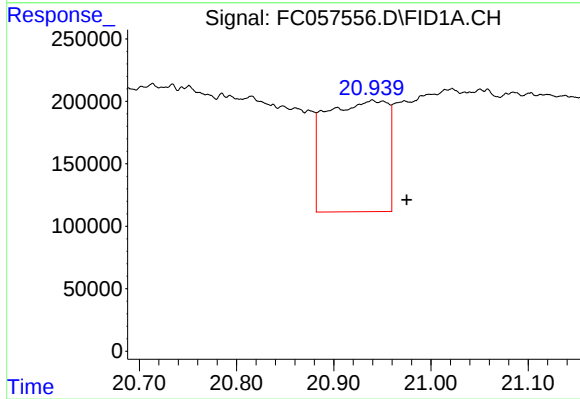
R.T.: 19.321 min
Delta R.T.: -0.029 min
Response: 1890058
Conc: 15.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.093 min
Delta R.T.: 0.014 min
Response: 6166028
Conc: 56.14 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.939 min
Delta R.T.: -0.036 min
Response: 3930415
Conc: 39.37 ug/ml