

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057537.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 19:34
 Operator : AJ\MA
 Sample : M5044-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:30:39 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)	10.820	3898275	28.014 ug/ml
Spiked Amount 50.000		Recovery =	56.03%
12) S 1-chlorooctadecane (S...	12.301	198966	1.797 ug/ml
Spiked Amount 50.000		Recovery =	3.59%
Target Compounds			
1) T n-Nonane (C9)	2.673	12427	0.101 ug/ml
2) T n-Decane (C10)	3.710	4577	0.037 ug/ml
3) T A~Naphthalene (C11.7)	5.247	78359	0.565 ug/ml
4) T n-Dodecane (C12)	5.694	13466	0.109 ug/ml
5) T A~2-methylnaphthalene...	6.332	5422	0.039 ug/ml
6) T n-Tetradecane (C14)	7.514	10658	0.086 ug/ml
7) T n-Hexadecane (C16)	9.064	27718	0.221 ug/ml
8) T n-Octadecane (C18)	10.505	20986	0.162 ug/ml
10) T n-Eicosane (C20)	11.812	23407	0.180 ug/ml
11) T n-Heneicosane (C21)	12.449	27717	0.211 ug/ml
13) T n-Docosane (C22)	13.005	7277	0.055 ug/ml
14) T n-Tetracosane (C24)	14.157	87025	0.654 ug/ml
15) T n-Hexacosane (C26)	15.132	58030	0.443 ug/ml
16) T n-Octacosane (C28)	16.082	59509	0.453 ug/ml
17) T n-Tricontane (C30)	16.969	334995	2.451 ug/ml
18) T n-Dotriacontane (C32)	17.835	234208	1.747 ug/ml
19) T n-Tetratriacontane (C34)	18.585	1644731	12.613 ug/ml
20) T n-Hexatriacontane (C36)	19.326	6762760	56.954 ug/ml
21) T n-Octatriacontane (C38)	20.049	7611253	69.300 ug/ml
22) T n-Tetracontane (C40)	21.014	4122658	41.291 ug/ml

(f)=RT Delta > 1/2 Window

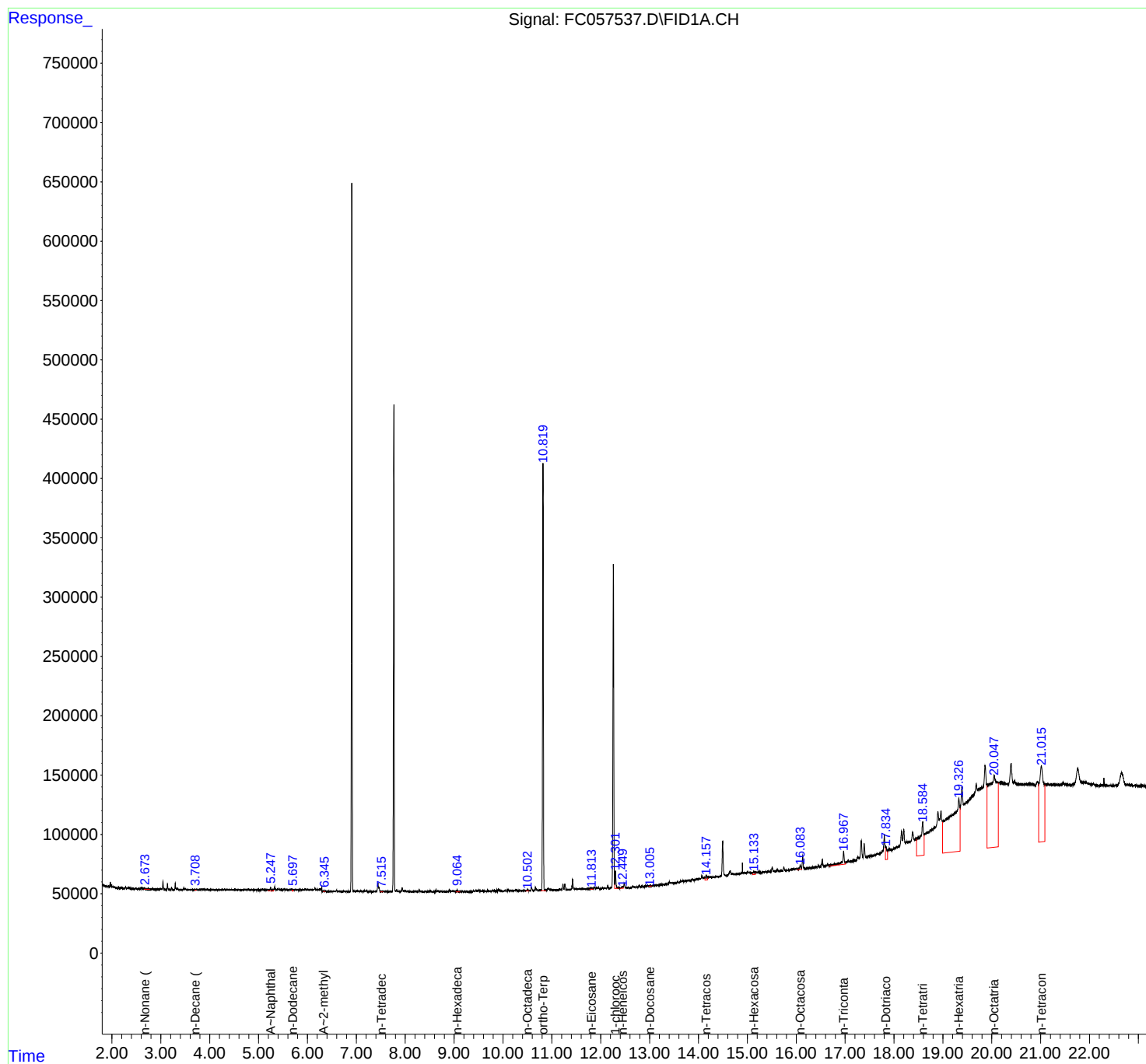
(m)=manual int.

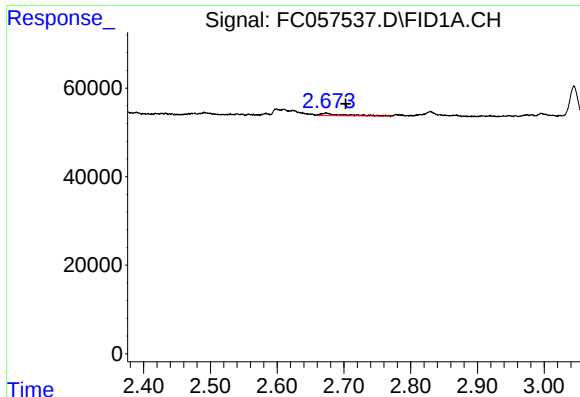
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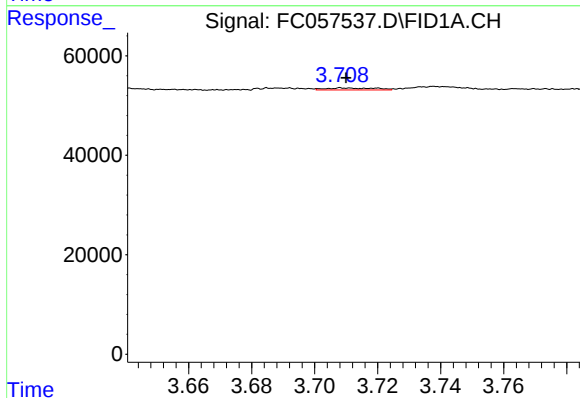




#1 n-Nonane (C9)

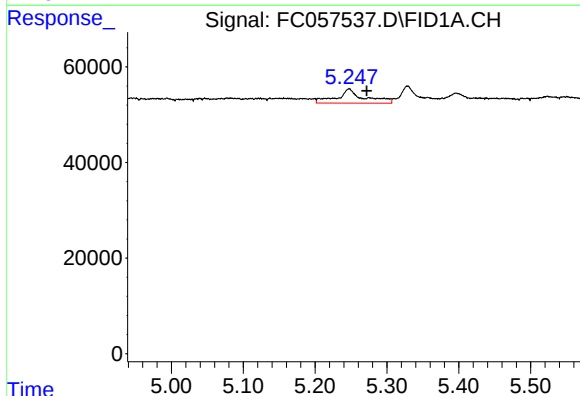
R.T.: 2.673 min
Delta R.T.: -0.030 min
Response: 12427
Conc: 0.10 ug/ml

Instrument :
FID_C
ClientSampleId :



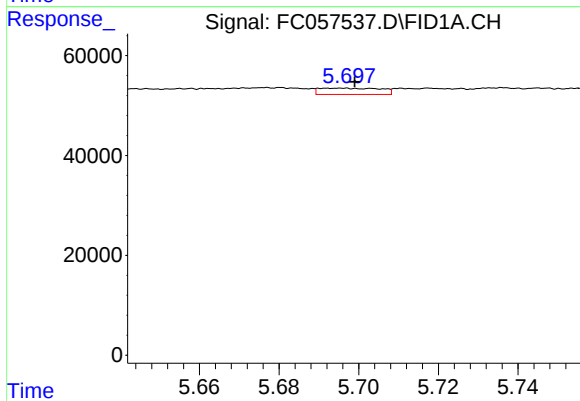
#2 n-Decane (C10)

R.T.: 3.710 min
Delta R.T.: 0.000 min
Response: 4577
Conc: 0.04 ug/ml



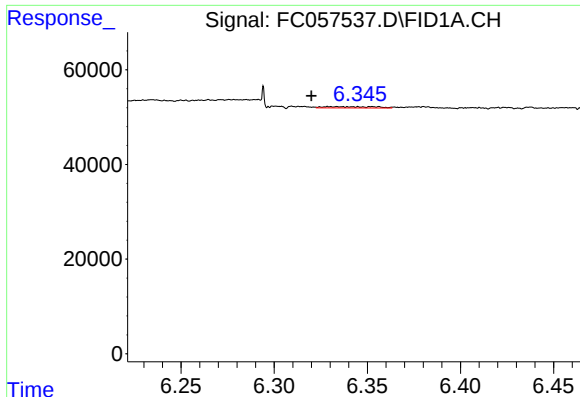
#3 A~Naphthalene (C11.7)

R.T.: 5.247 min
Delta R.T.: -0.025 min
Response: 78359
Conc: 0.56 ug/ml



#4 n-Dodecane (C12)

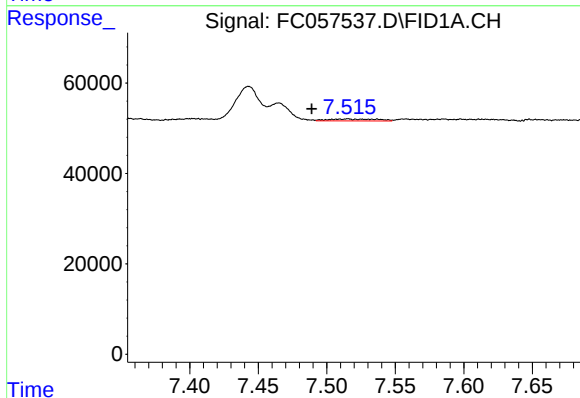
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 13466
Conc: 0.11 ug/ml



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

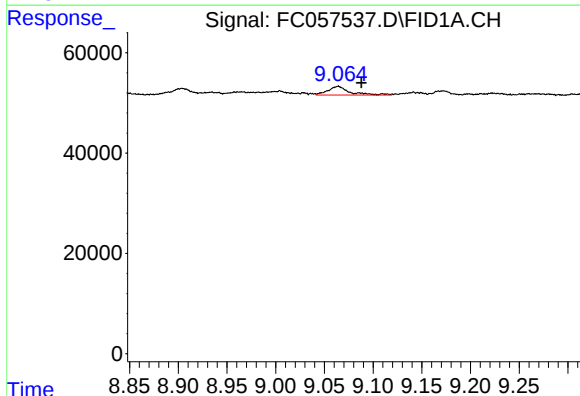
R.T.: 6.332 min
Delta R.T.: 0.012 min
Response: 5422
Conc: 0.04 ug/ml

Instrument :
FID_C
ClientSampleId :



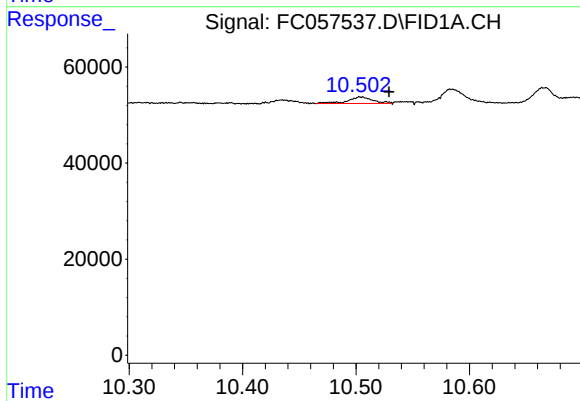
#6 n-Tetradecane (C14)

R.T.: 7.514 min
Delta R.T.: 0.025 min
Response: 10658
Conc: 0.09 ug/ml



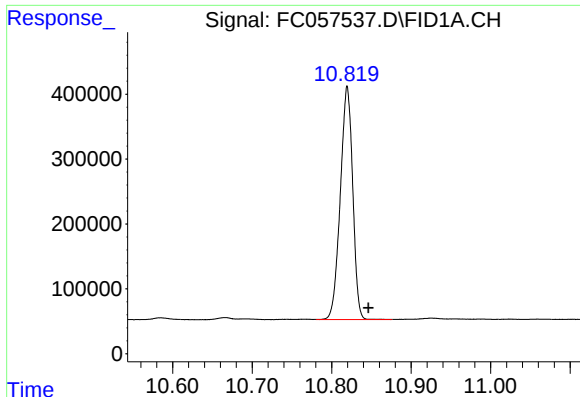
#7 n-Hexadecane (C16)

R.T.: 9.064 min
Delta R.T.: -0.024 min
Response: 27718
Conc: 0.22 ug/ml



#8 n-Octadecane (C18)

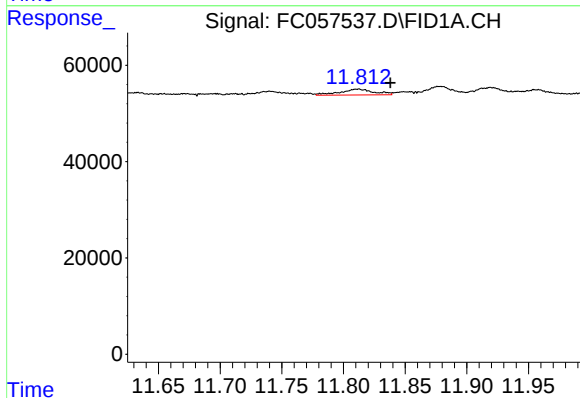
R.T.: 10.505 min
Delta R.T.: -0.024 min
Response: 20986
Conc: 0.16 ug/ml



#9 ortho-Terphenyl (SURR)

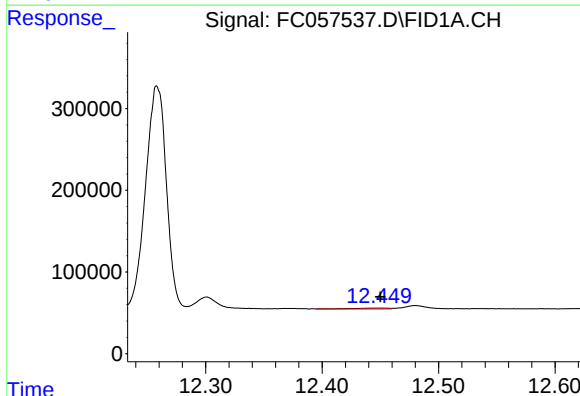
R.T.: 10.820 min
Delta R.T.: -0.026 min
Response: 3898275
Conc: 28.01 ug/ml

Instrument :
FID_C
ClientSampleId :



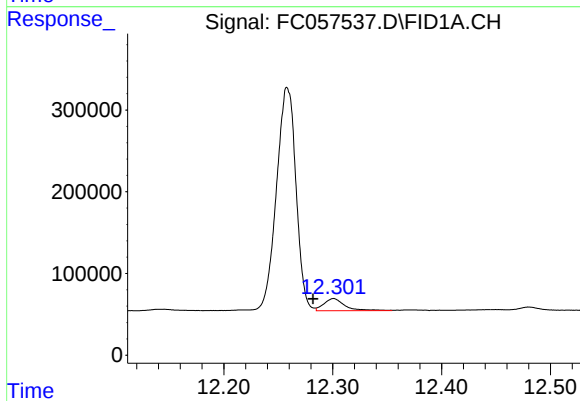
#10 n-Eicosane (C20)

R.T.: 11.812 min
Delta R.T.: -0.026 min
Response: 23407
Conc: 0.18 ug/ml



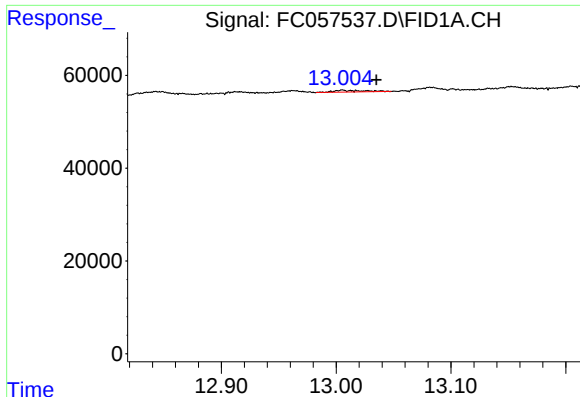
#11 n-Heneicosane (C21)

R.T.: 12.449 min
Delta R.T.: 0.000 min
Response: 27717
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

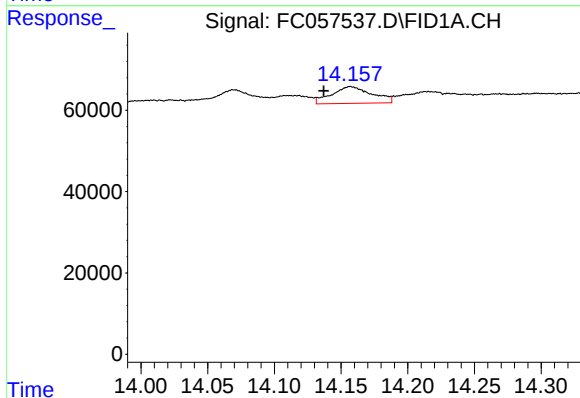
R.T.: 12.301 min
Delta R.T.: 0.019 min
Response: 198966
Conc: 1.80 ug/ml



#13 n-Docosane (C22)

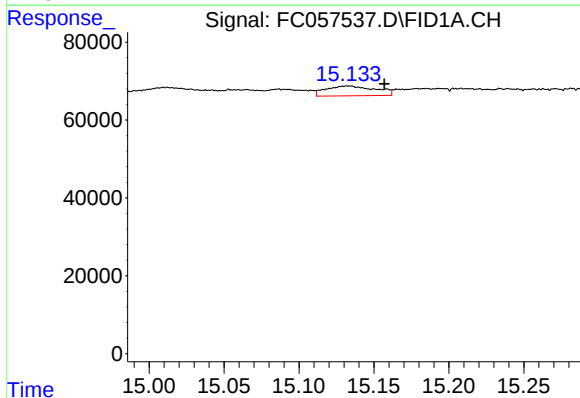
R.T.: 13.005 min
Delta R.T.: -0.030 min
Response: 7277
Conc: 0.06 ug/ml

Instrument :
FID_C
ClientSampleId :



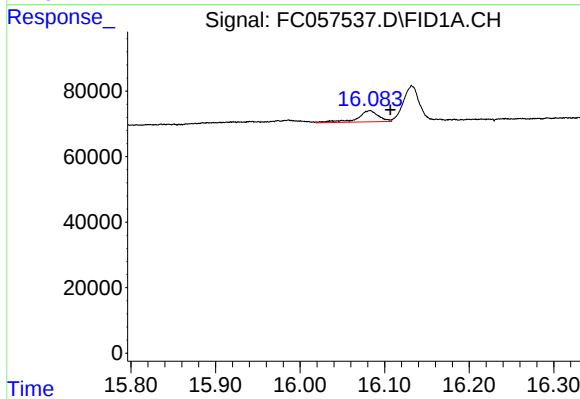
#14 n-Tetracosane (C24)

R.T.: 14.157 min
Delta R.T.: 0.020 min
Response: 87025
Conc: 0.65 ug/ml



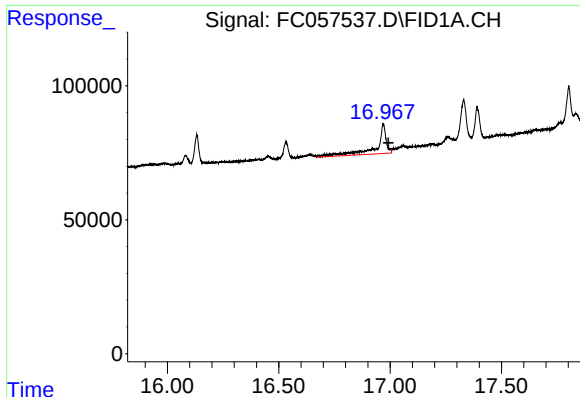
#15 n-Hexacosane (C26)

R.T.: 15.132 min
Delta R.T.: -0.025 min
Response: 58030
Conc: 0.44 ug/ml



#16 n-Octacosane (C28)

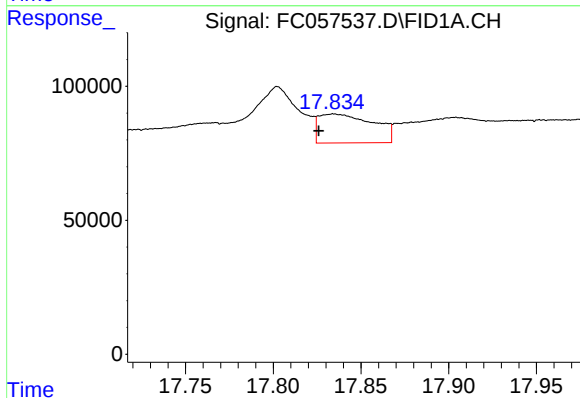
R.T.: 16.082 min
Delta R.T.: -0.025 min
Response: 59509
Conc: 0.45 ug/ml



#17 n-Tricontane (C30)

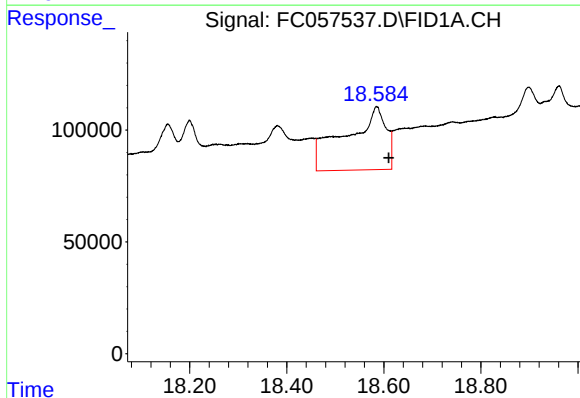
R.T.: 16.969 min
Delta R.T.: -0.024 min
Response: 334995
Conc: 2.45 ug/ml

Instrument :
FID_C
ClientSampleId :



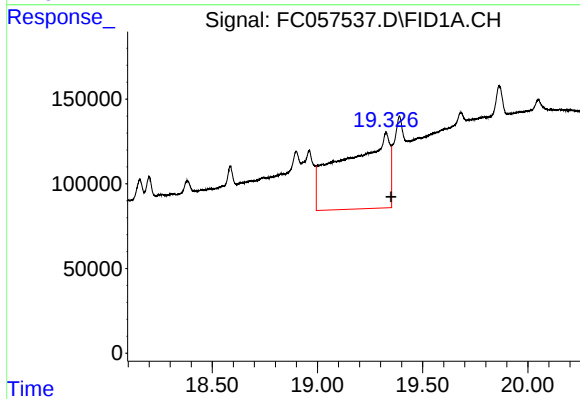
#18 n-Dotriacontane (C32)

R.T.: 17.835 min
Delta R.T.: 0.009 min
Response: 234208
Conc: 1.75 ug/ml



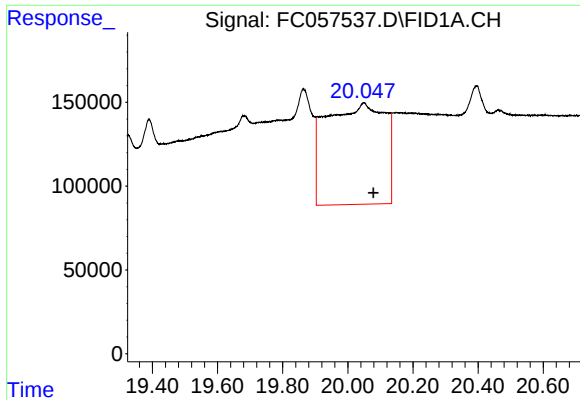
#19 n-Tetratriacontane (C34)

R.T.: 18.585 min
Delta R.T.: -0.025 min
Response: 1644731
Conc: 12.61 ug/ml



#20 n-Hexatriacontane (C36)

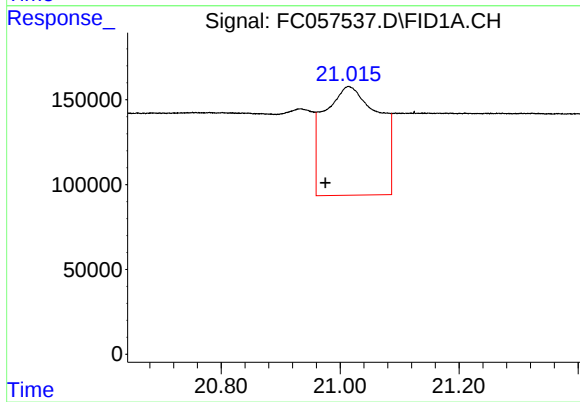
R.T.: 19.326 min
Delta R.T.: -0.024 min
Response: 6762760
Conc: 56.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.049 min
Delta R.T.: -0.030 min
Response: 7611253
Conc: 69.30 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.014 min
Delta R.T.: 0.039 min
Response: 4122658
Conc: 41.29 ug/ml