

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111224AL\
 Data File : FC067711.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 14:56
 Operator : YP/AJ
 Sample : P4791-02DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:55:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.472	327678	2.233 ug/ml
Spiked Amount 50.000		Recovery =	4.47%
12) S 1-chlorooctadecane (S...	12.926	300147	2.779 ug/ml
Spiked Amount 50.000		Recovery =	5.56%
Target Compounds			
1) T n-Nonane (C9)	3.270	270500	2.008 ug/ml
2) T n-Decane (C10)	4.334	733781	5.386 ug/ml
3) T A~Naphthalene (C11.7)	5.922	408320	2.755 ug/ml
4) T n-Dodecane (C12)	6.348	1745379	12.887 ug/ml
5) T A~2-methylnaphthalene...	6.950	486275	3.443 ug/ml
6) T n-Tetradecane (C14)	8.140	2278417	17.358 ug/ml
7) T n-Hexadecane (C16)	9.738	2034033	15.397 ug/ml
8) T n-Octadecane (C18)	11.177	1515152	11.469 ug/ml
10) T n-Eicosane (C20)	12.484	889922	7.053 ug/ml
11) T n-Heneicosane (C21)	13.094	666641	5.402 ug/ml
13) T n-Docosane (C22)	13.679	434267	3.547 ug/ml
14) T n-Tetracosane (C24)	14.781	189293	1.562 ug/ml
15) T n-Hexacosane (C26)	15.797	58213	0.489 ug/ml
17) T n-Tricontane (C30)	17.633	56993	0.472 ug/ml
18) T n-Dotriacontane (C32)	18.465	110559	0.934 ug/ml
19) T n-Tetratriacontane (C34)	19.247	78508	0.750 ug/ml
22) T n-Tetracontane (C40)	21.557	393443	4.628 ug/ml

(f)=RT Delta > 1/2 Window

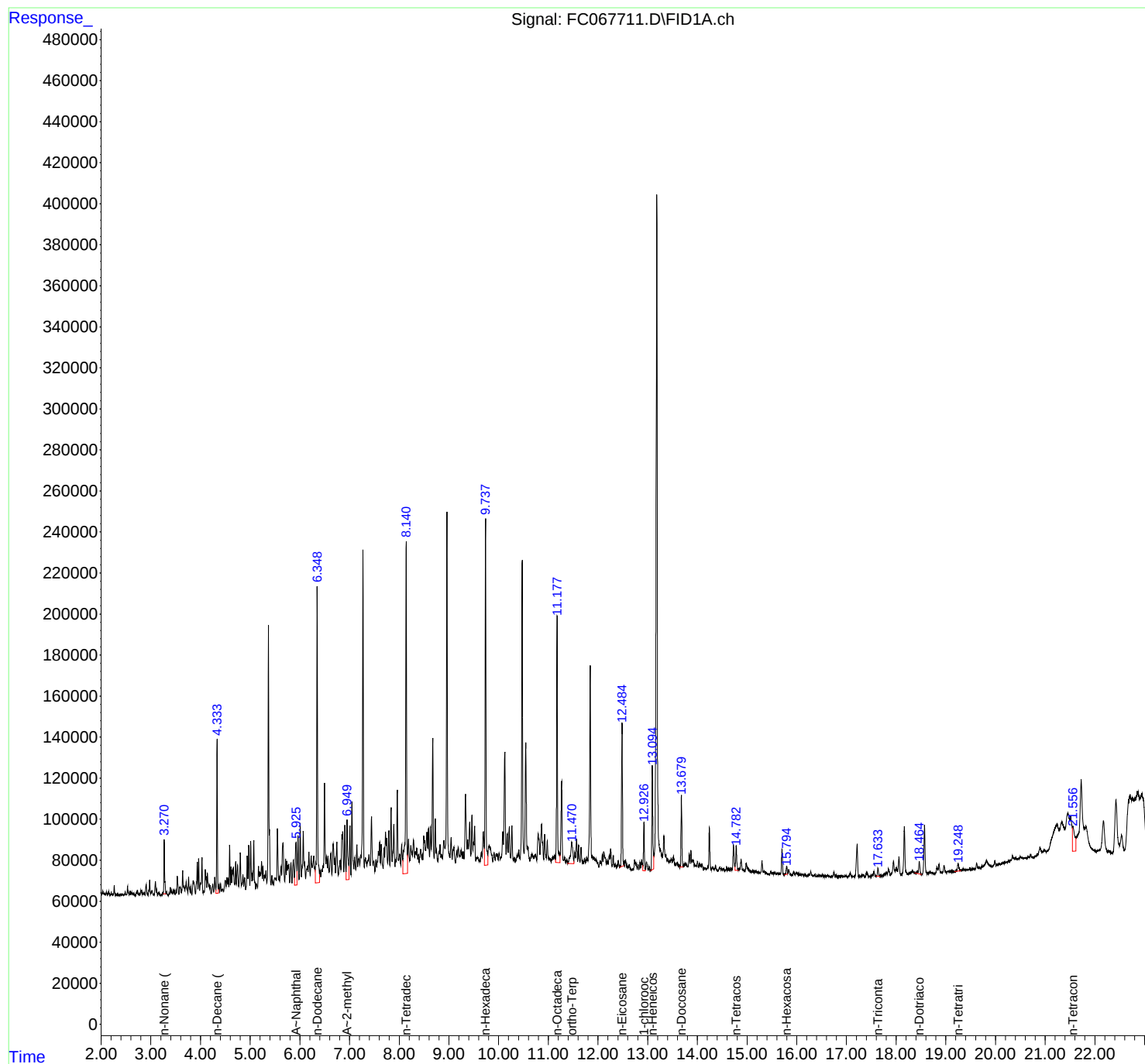
(m)=manual int.

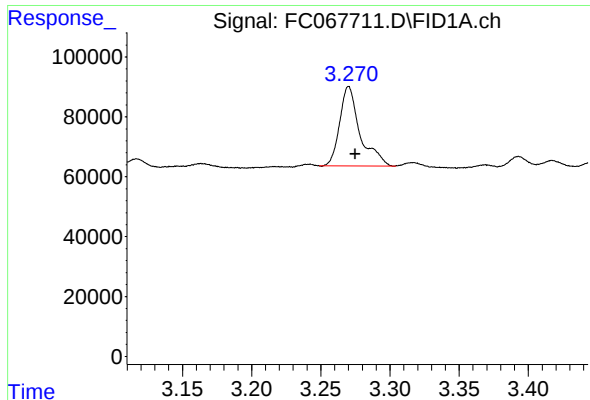
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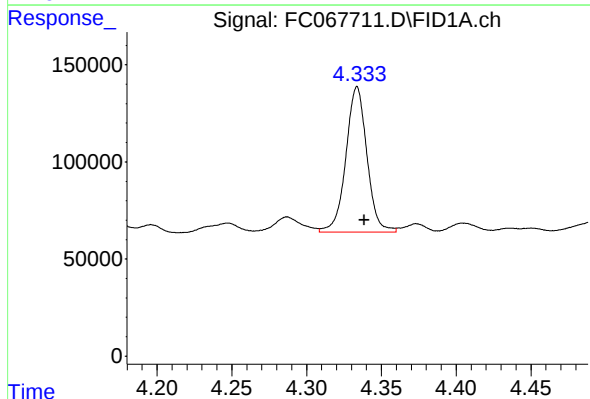




#1 n-Nonane (C9)

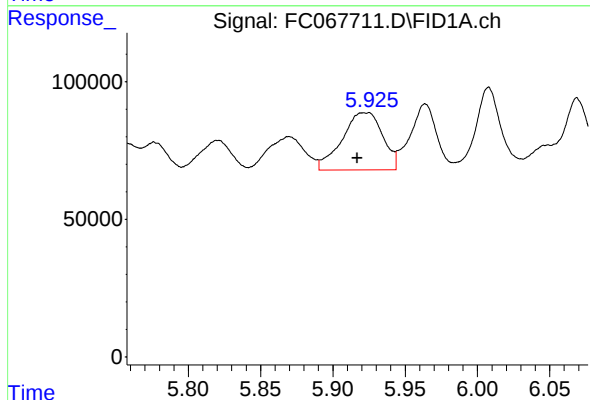
R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 270500
Conc: 2.01 ug/ml

Instrument :
FID_D
ClientSampleId :



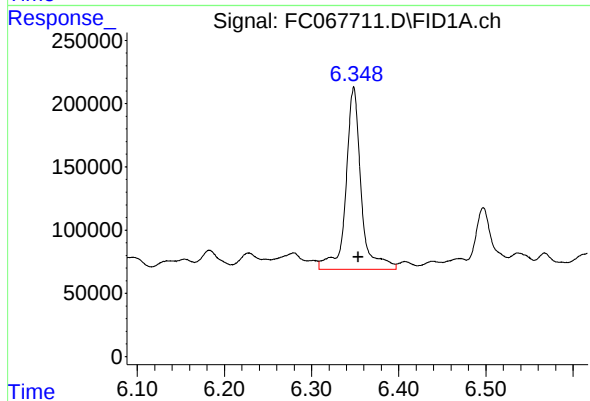
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.005 min
Response: 733781
Conc: 5.39 ug/ml



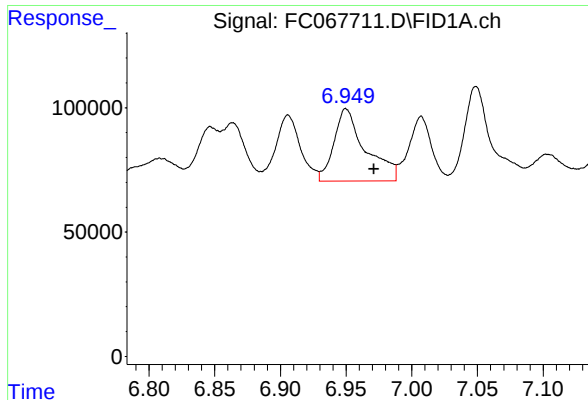
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.005 min
Response: 408320
Conc: 2.76 ug/ml



#4 n-Dodecane (C12)

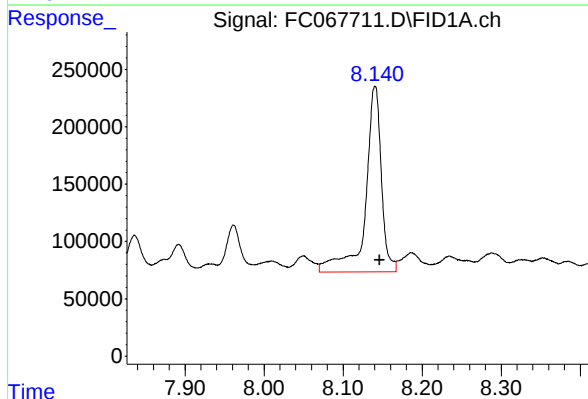
R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 1745379
Conc: 12.89 ug/ml



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

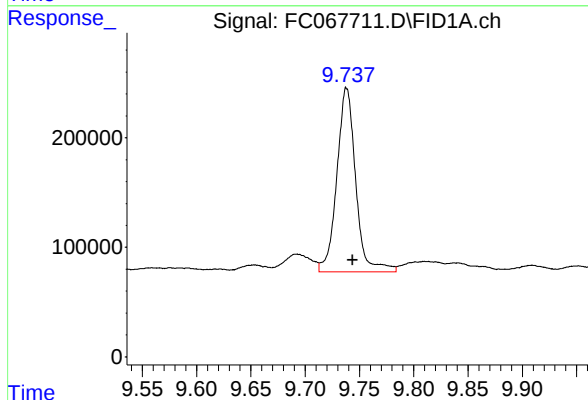
R.T.: 6.950 min
Delta R.T.: -0.021 min
Response: 486275
Conc: 3.44 ug/ml

Instrument :
FID_D
ClientSampleId :



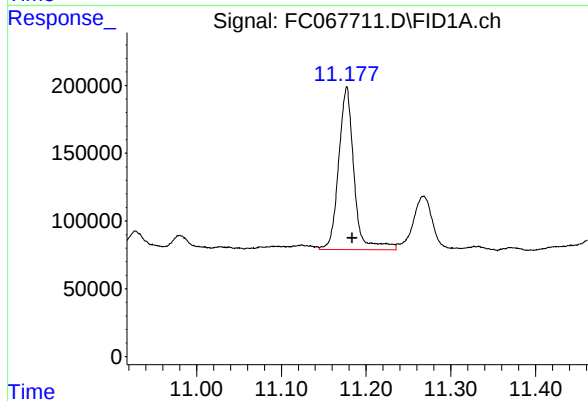
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 2278417
Conc: 17.36 ug/ml



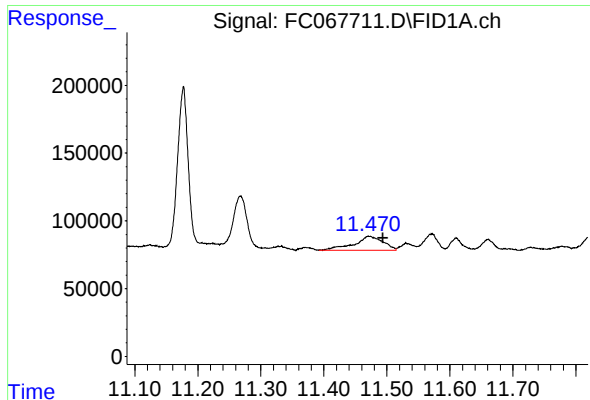
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: -0.005 min
Response: 2034033
Conc: 15.40 ug/ml



#8 n-Octadecane (C18)

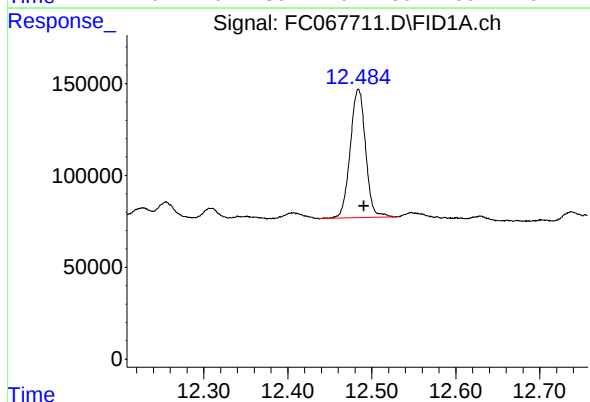
R.T.: 11.177 min
Delta R.T.: -0.007 min
Response: 1515152
Conc: 11.47 ug/ml



#9 ortho-Terphenyl (SURR)

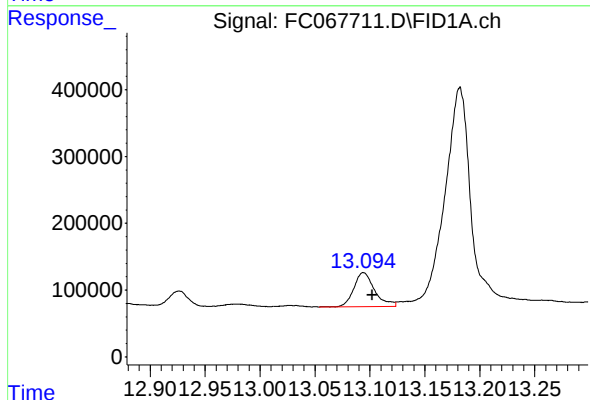
R.T.: 11.472 min
Delta R.T.: -0.022 min
Response: 327678
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :



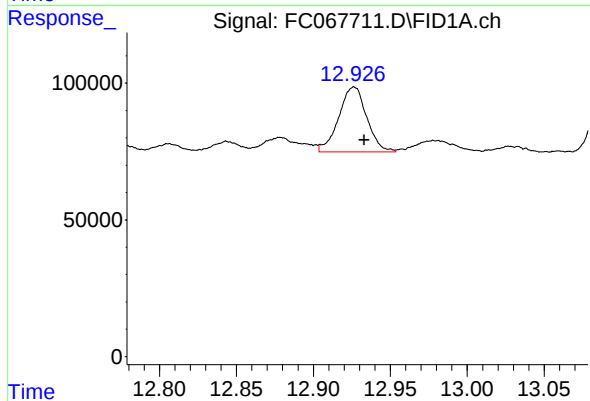
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: -0.007 min
Response: 889922
Conc: 7.05 ug/ml



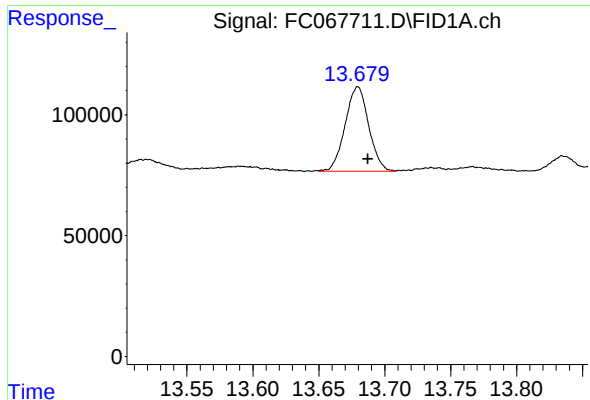
#11 n-Heneicosane (C21)

R.T.: 13.094 min
Delta R.T.: -0.008 min
Response: 666641
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

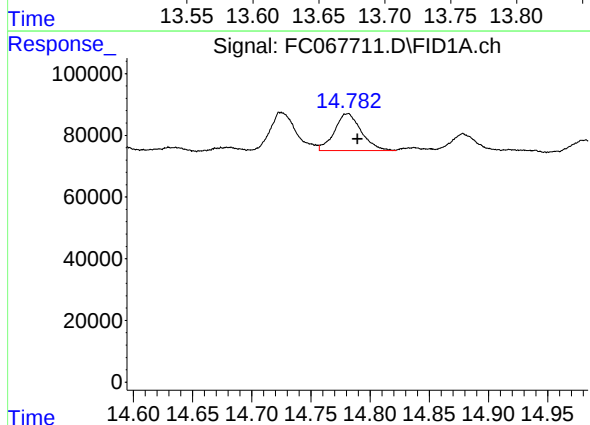
R.T.: 12.926 min
Delta R.T.: -0.007 min
Response: 300147
Conc: 2.78 ug/ml



#13 n-Docosane (C22)

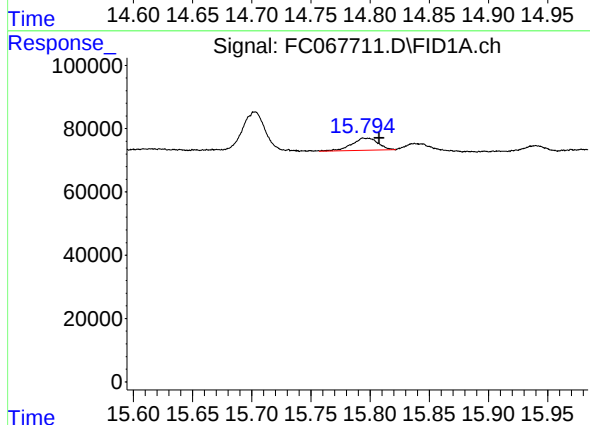
R.T.: 13.679 min
Delta R.T.: -0.008 min
Response: 434267
Conc: 3.55 ug/ml

Instrument :
FID_D
ClientSampleId :



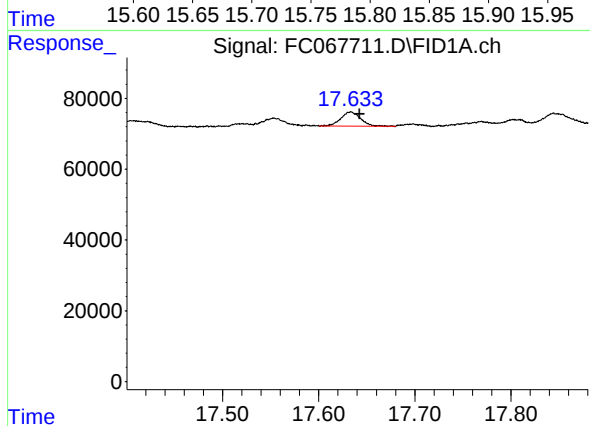
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.008 min
Response: 189293
Conc: 1.56 ug/ml



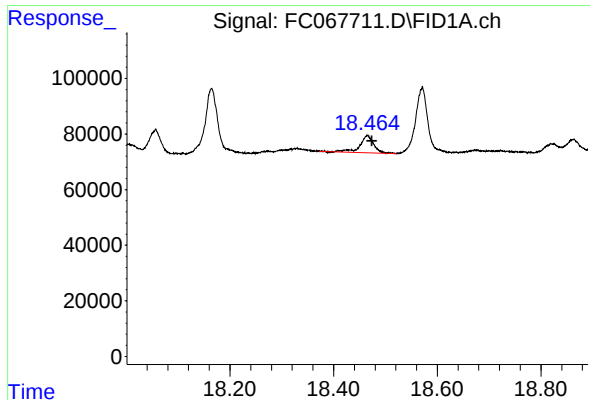
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.011 min
Response: 58213
Conc: 0.49 ug/ml



#17 n-Tricontane (C30)

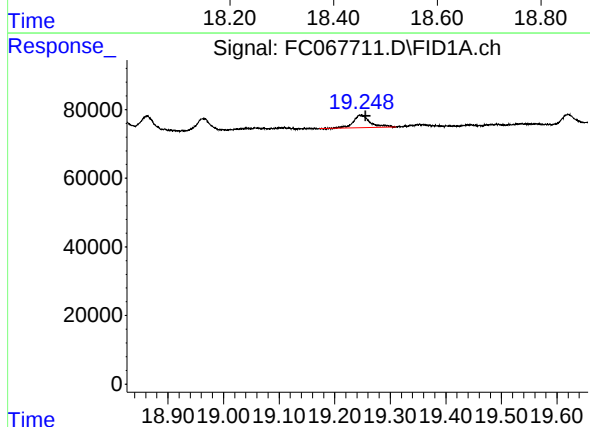
R.T.: 17.633 min
Delta R.T.: -0.009 min
Response: 56993
Conc: 0.47 ug/ml



#18 n-Dotriacontane (C32)

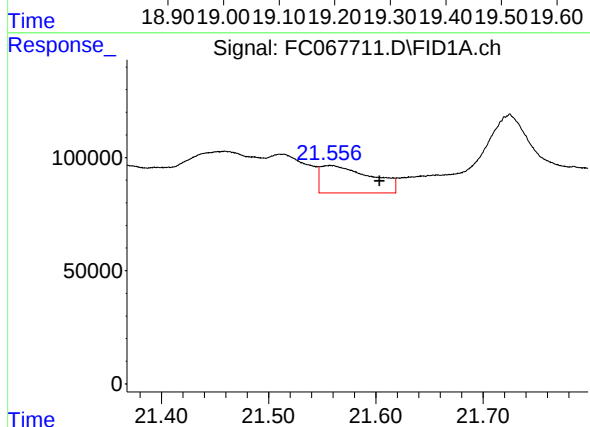
R.T.: 18.465 min
Delta R.T.: -0.009 min
Response: 110559
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: -0.009 min
Response: 78508
Conc: 0.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: -0.046 min
Response: 393443
Conc: 4.63 ug/ml