

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057554.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 5:06
 Operator : AJ\MA
 Sample : M5087-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 08:12:40 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)	10.847	2282840	16.405 ug/ml
Spiked Amount 50.000		Recovery =	32.81%
12) S 1-chlorooctadecane (S...	12.294	195255	1.763 ug/ml
Spiked Amount 50.000		Recovery =	3.53%
Target Compounds			
1) T n-Nonane (C9)	2.707	5506	0.045 ug/ml
2) T n-Decane (C10)	3.734	39855	0.320 ug/ml
3) T A~Naphthalene (C11.7)	5.290	68521	0.494 ug/ml
4) T n-Dodecane (C12)	5.673	55800	0.452 ug/ml
5) T A~2-methylnaphthalene...	6.333	45804	0.328 ug/ml
7) T n-Hexadecane (C16)	9.062	742137	5.919 ug/ml
8) T n-Octadecane (C18)	10.528	213571	1.650 ug/ml
10) T n-Eicosane (C20)	11.862	5699215	43.870 ug/ml
11) T n-Heneicosane (C21)	12.427	990577	7.548 ug/ml
13) T n-Docosane (C22)	13.018	1596083	12.143 ug/ml
14) T n-Tetracosane (C24)	14.112	304149	2.287 ug/ml
15) T n-Hexacosane (C26)	15.131	469358	3.579 ug/ml
16) T n-Octacosane (C28)	16.128	558725	4.249 ug/ml
17) T n-Tricontane (C30)	17.005	873200	6.389 ug/ml
18) T n-Dotriacontane (C32)	17.803	3461481	25.817 ug/ml
19) T n-Tetratriacontane (C34)	18.589	3810355	29.222 ug/ml
20) T n-Hexatriacontane (C36)	19.329	2987377	25.159 ug/ml
21) T n-Octatriacontane (C38)	20.057	10463646	95.270 ug/ml
22) T n-Tetracontane (C40)	21.010	5431569	54.401 ug/ml

(f)=RT Delta > 1/2 Window

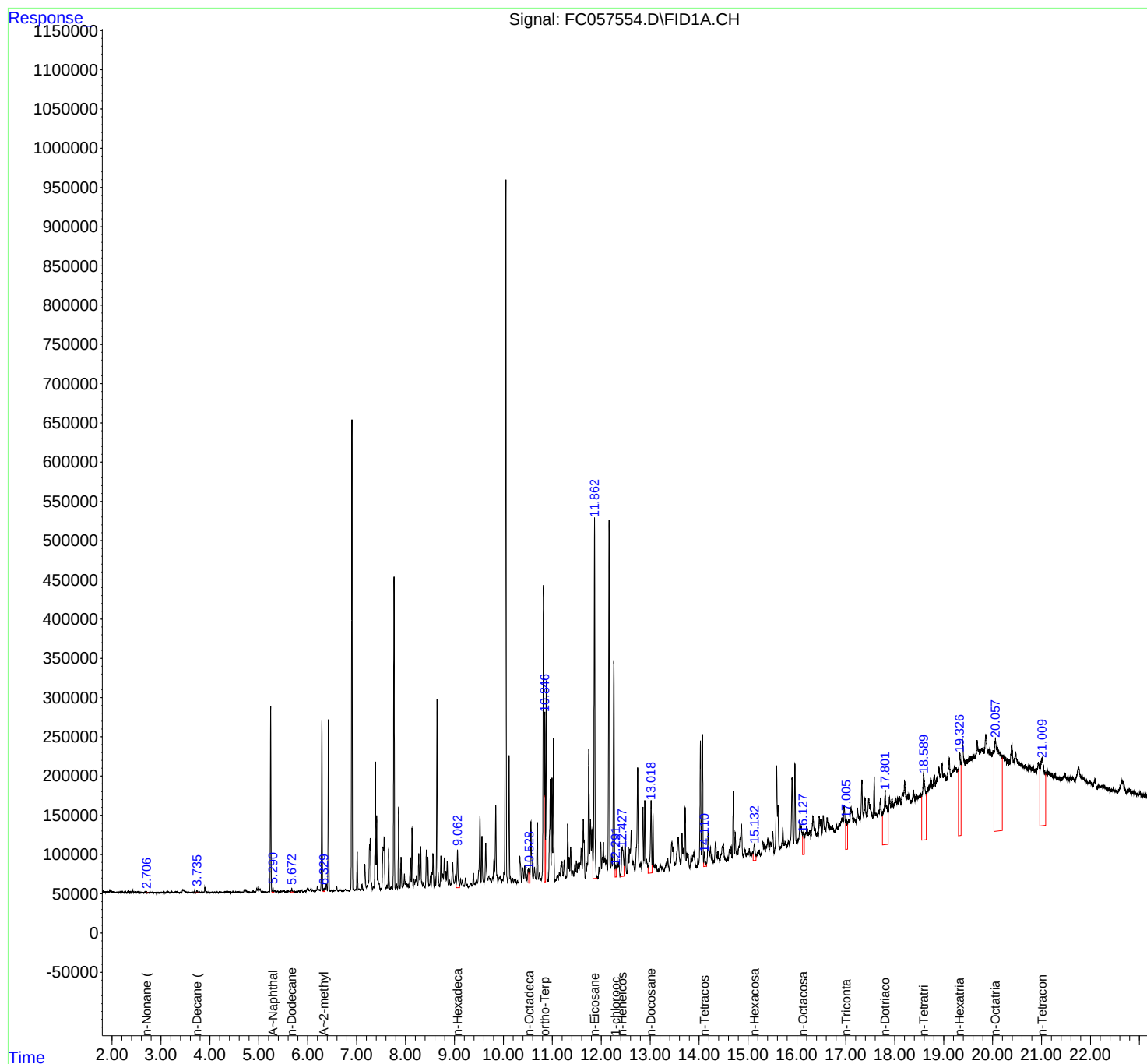
(m)=manual int.

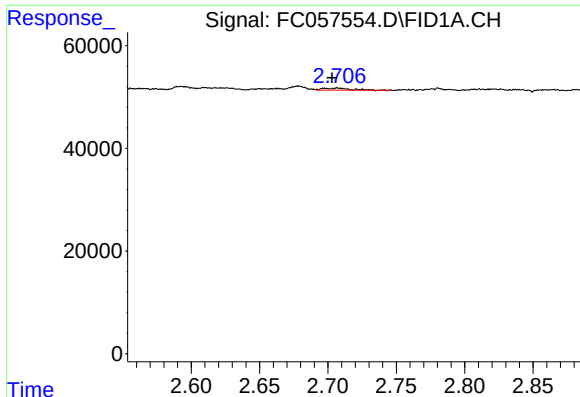
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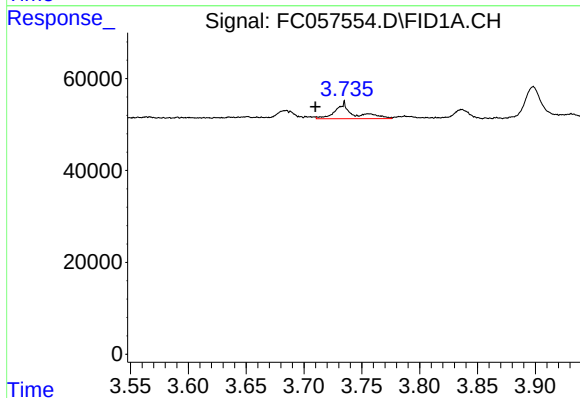




#1 n-Nonane (C9)

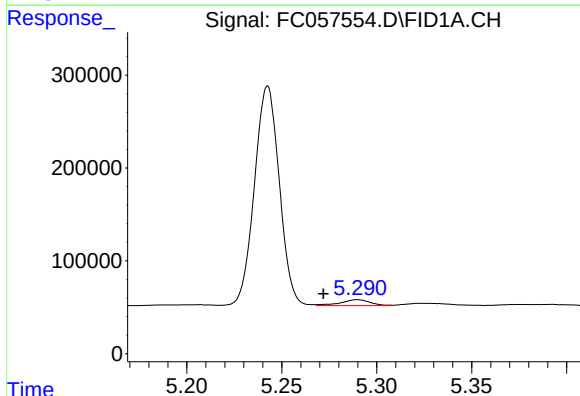
R.T.: 2.707 min
Delta R.T.: 0.004 min
Response: 5506
Conc: 0.04 ug/ml

Instrument :
FID_C
ClientSampleId :



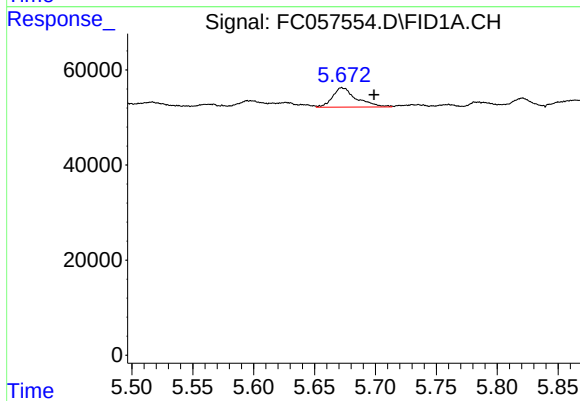
#2 n-Decane (C10)

R.T.: 3.734 min
Delta R.T.: 0.024 min
Response: 39855
Conc: 0.32 ug/ml



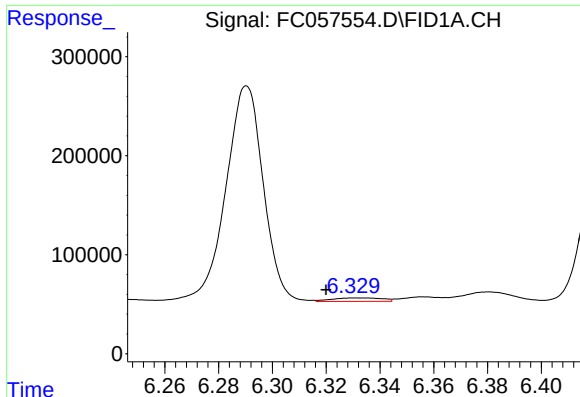
#3 A~Naphthalene (C11.7)

R.T.: 5.290 min
Delta R.T.: 0.018 min
Response: 68521
Conc: 0.49 ug/ml



#4 n-Dodecane (C12)

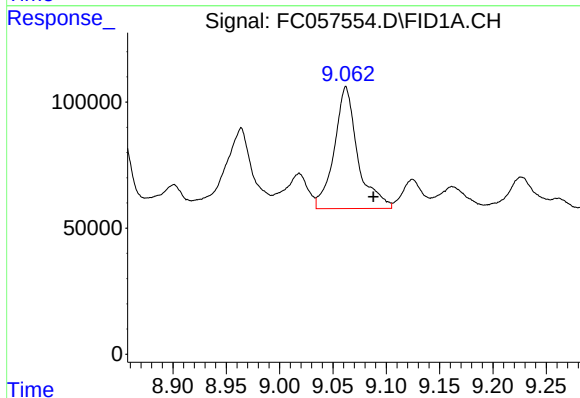
R.T.: 5.673 min
Delta R.T.: -0.026 min
Response: 55800
Conc: 0.45 ug/ml



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

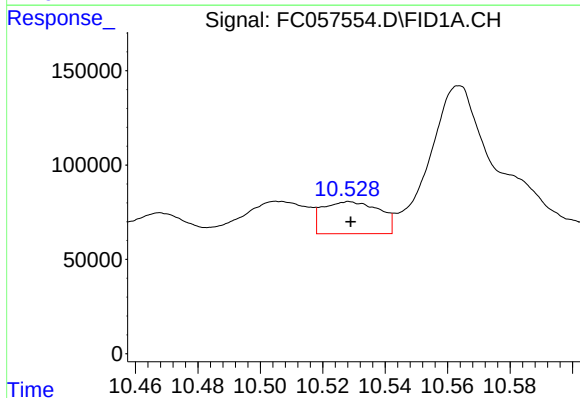
R.T.: 6.333 min
Delta R.T.: 0.013 min
Response: 45804
Conc: 0.33 ug/ml

Instrument :
FID_C
ClientSampleId :



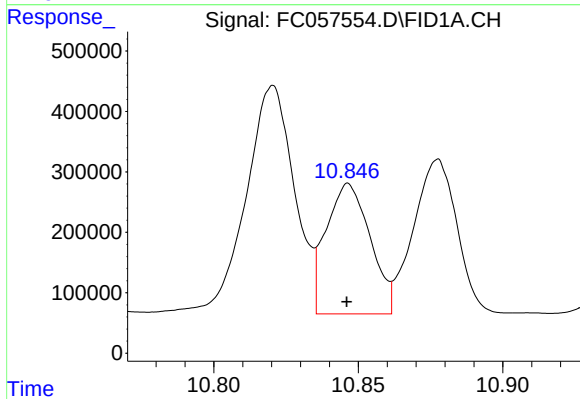
#7 n-Hexadecane (C16)

R.T.: 9.062 min
Delta R.T.: -0.026 min
Response: 742137
Conc: 5.92 ug/ml



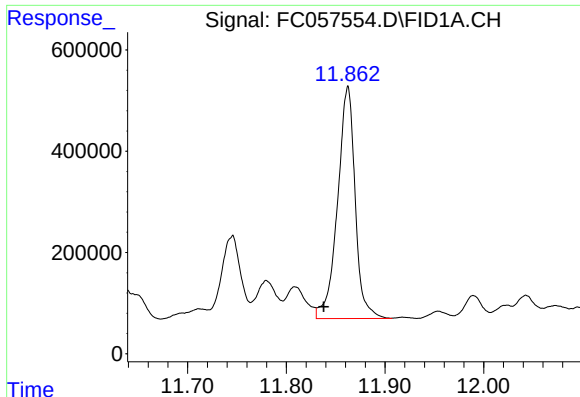
#8 n-Octadecane (C18)

R.T.: 10.528 min
Delta R.T.: 0.000 min
Response: 213571
Conc: 1.65 ug/ml



#9 ortho-Terphenyl (SURR)

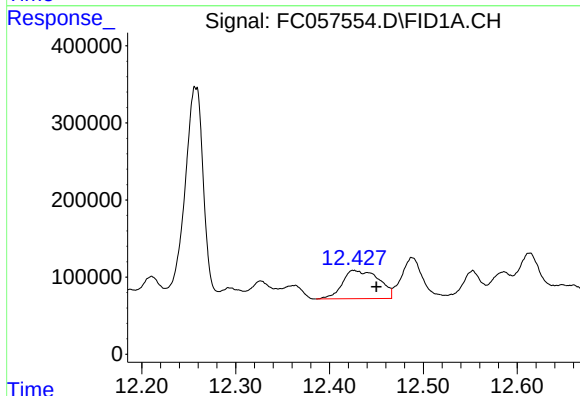
R.T.: 10.847 min
Delta R.T.: 0.000 min
Response: 2282840
Conc: 16.40 ug/ml



#10 n-Eicosane (C20)

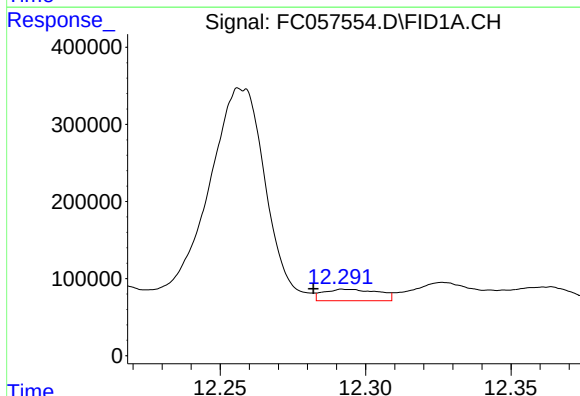
R.T.: 11.862 min
Delta R.T.: 0.024 min
Response: 5699215
Conc: 43.87 ug/ml

Instrument :
FID_C
ClientSampleId :



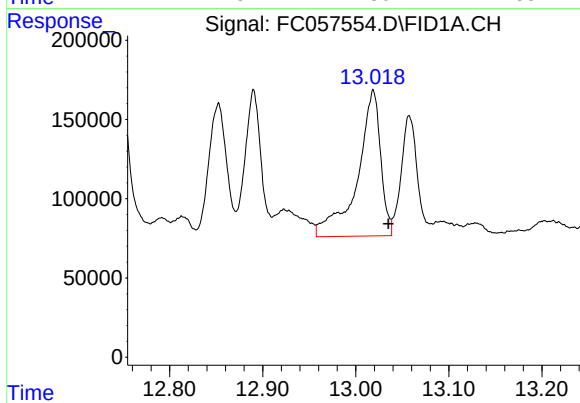
#11 n-Heneicosane (C21)

R.T.: 12.427 min
Delta R.T.: -0.023 min
Response: 990577
Conc: 7.55 ug/ml



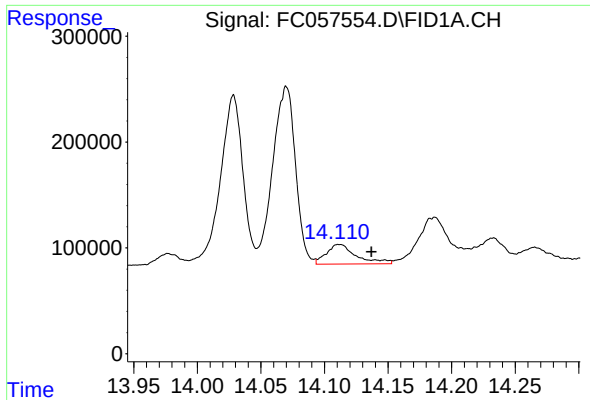
#12 1-chlorooctadecane (SURR)

R.T.: 12.294 min
Delta R.T.: 0.012 min
Response: 195255
Conc: 1.76 ug/ml



#13 n-Docosane (C22)

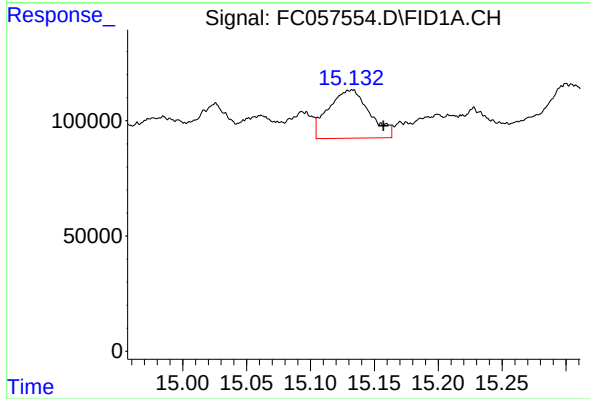
R.T.: 13.018 min
Delta R.T.: -0.017 min
Response: 1596083
Conc: 12.14 ug/ml



#14 n-Tetracosane (C24)

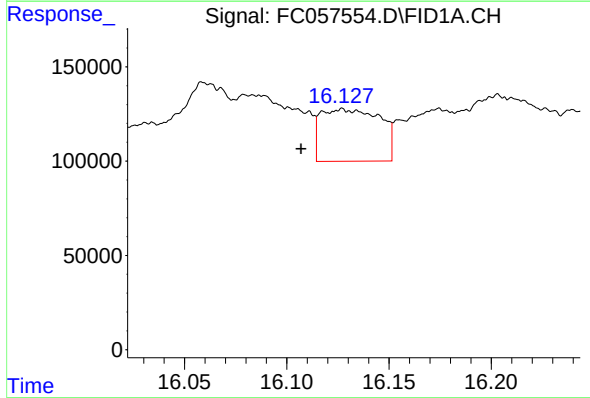
R.T.: 14.112 min
Delta R.T.: -0.025 min
Response: 304149
Conc: 2.29 ug/ml

Instrument :
FID_C
ClientSampleId :



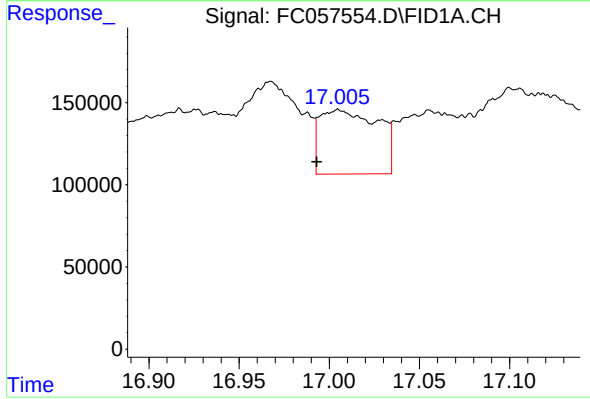
#15 n-Hexacosane (C26)

R.T.: 15.131 min
Delta R.T.: -0.026 min
Response: 469358
Conc: 3.58 ug/ml



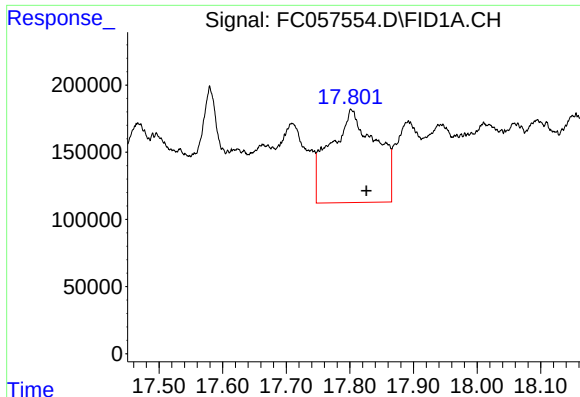
#16 n-Octacosane (C28)

R.T.: 16.128 min
Delta R.T.: 0.021 min
Response: 558725
Conc: 4.25 ug/ml



#17 n-Tricontane (C30)

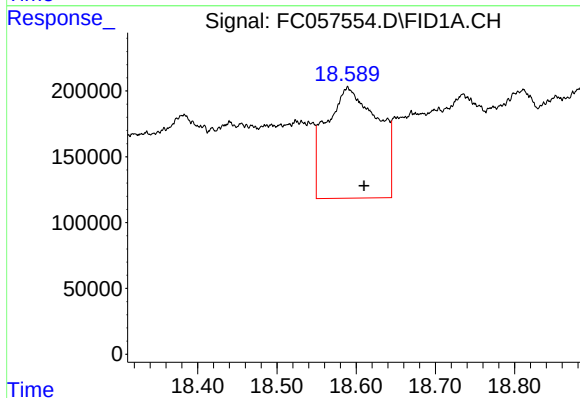
R.T.: 17.005 min
Delta R.T.: 0.012 min
Response: 873200
Conc: 6.39 ug/ml



#18 n-Dotriacontane (C32)

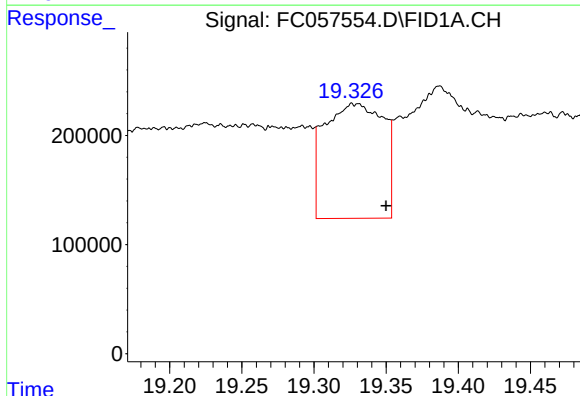
R.T.: 17.803 min
Delta R.T.: -0.023 min
Response: 3461481
Conc: 25.82 ug/ml

Instrument :
FID_C
ClientSampleId :



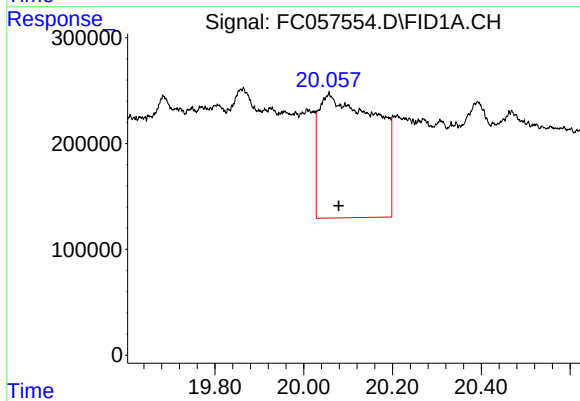
#19 n-Tetratriacontane (C34)

R.T.: 18.589 min
Delta R.T.: -0.021 min
Response: 3810355
Conc: 29.22 ug/ml



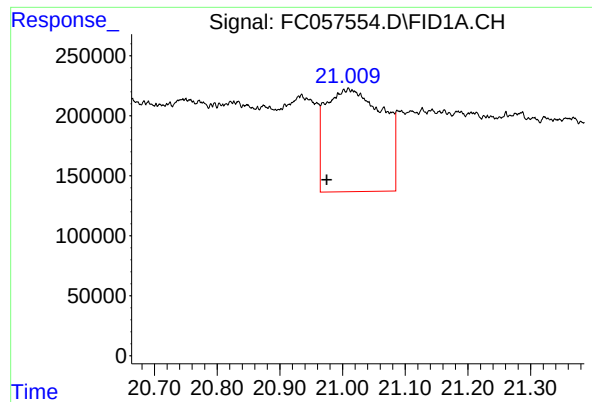
#20 n-Hexatriacontane (C36)

R.T.: 19.329 min
Delta R.T.: -0.021 min
Response: 2987377
Conc: 25.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.057 min
Delta R.T.: -0.022 min
Response: 10463646
Conc: 95.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.010 min
Delta R.T.: 0.035 min
Response: 5431569
Conc: 54.40 ug/ml

Instrument :
FID_C
ClientSampleId :