

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057593.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 3:23
 Operator : AJ\MA
 Sample : M5106-01DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 05:31:54 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)	10.860	641381	4.609 ug/ml
Spiked Amount 50.000		Recovery =	9.22%
12) S 1-chlorooctadecane (S...	12.295	591833	5.344 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	2.702	18416	0.149 ug/ml
2) T n-Decane (C10)	3.749	24773	0.199 ug/ml
3) T A~Naphthalene (C11.7)	5.265	148871	1.073 ug/ml
4) T n-Dodecane (C12)	5.682	156084	1.264 ug/ml
5) T A~2-methylnaphthalene...	6.328	91649	0.655 ug/ml
6) T n-Tetradecane (C14)	7.489	293766	2.372 ug/ml
7) T n-Hexadecane (C16)	9.113	273465	2.181 ug/ml
8) T n-Octadecane (C18)	10.513	617002	4.767 ug/ml
10) T n-Eicosane (C20)	11.840	475024	3.657 ug/ml
11) T n-Heneicosane (C21)	12.429	459526	3.501 ug/ml
13) T n-Docosane (C22)	13.040	217317	1.653 ug/ml
14) T n-Tetracosane (C24)	14.166	211331	1.589 ug/ml
15) T n-Hexacosane (C26)	15.163	60354	0.460 ug/ml
16) T n-Octacosane (C28)	16.116	31586	0.240 ug/ml
17) T n-Tricontane (C30)	16.954	169258	1.238 ug/ml
18) T n-Dotriacontane (C32)	17.788	417136	3.111 ug/ml
19) T n-Tetratriacontane (C34)	18.573	800148	6.136 ug/ml
20) T n-Hexatriacontane (C36)	19.374	1041313	8.770 ug/ml
21) T n-Octatriacontane (C38)	20.088	810933	7.383 ug/ml
22) T n-Tetracontane (C40)	20.990	1835723	18.386 ug/ml

(f)=RT Delta > 1/2 Window

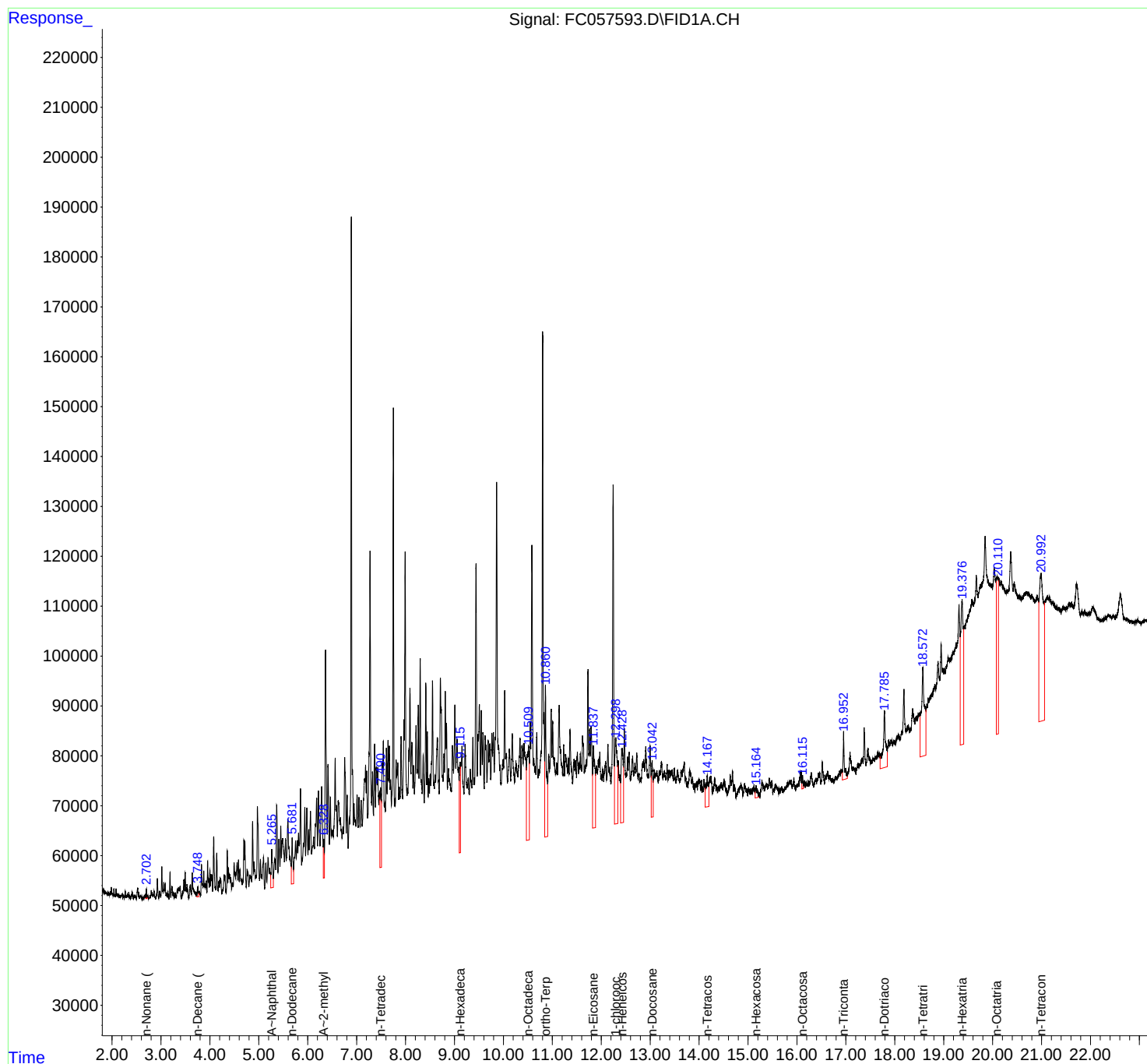
(m)=manual int.

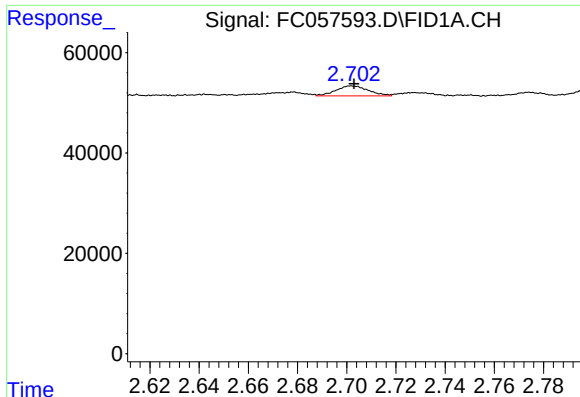
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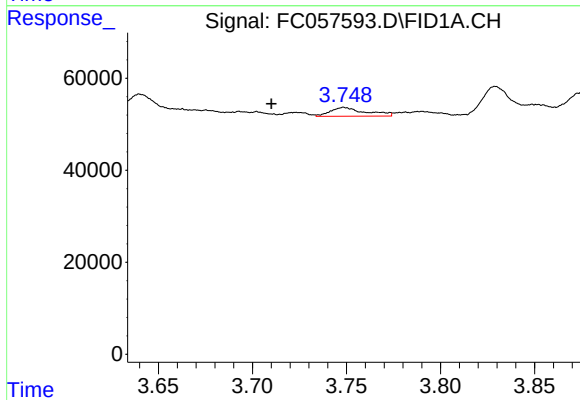




#1 n-Nonane (C9)

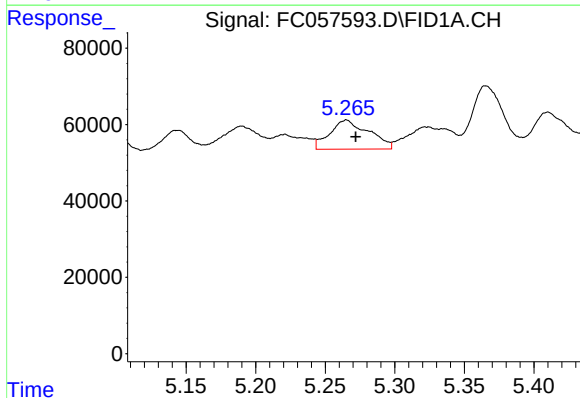
R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 18416
Conc: 0.15 ug/ml

Instrument :
FID_C
ClientSampleId :



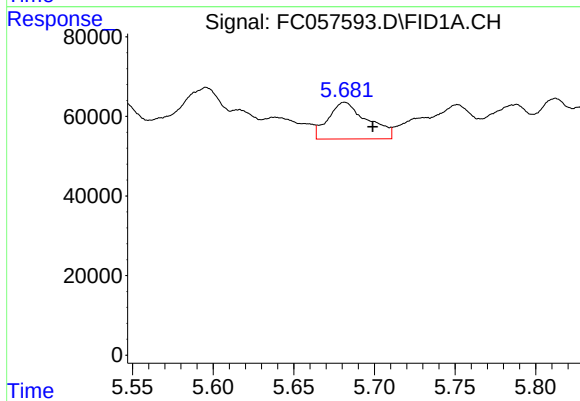
#2 n-Decane (C10)

R.T.: 3.749 min
Delta R.T.: 0.039 min
Response: 24773
Conc: 0.20 ug/ml



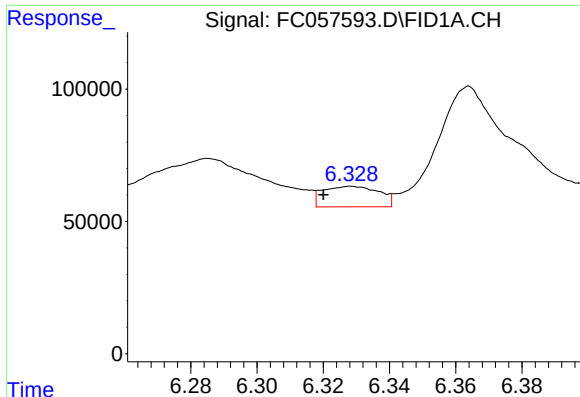
#3 A~Naphthalene (C11.7)

R.T.: 5.265 min
Delta R.T.: -0.007 min
Response: 148871
Conc: 1.07 ug/ml



#4 n-Dodecane (C12)

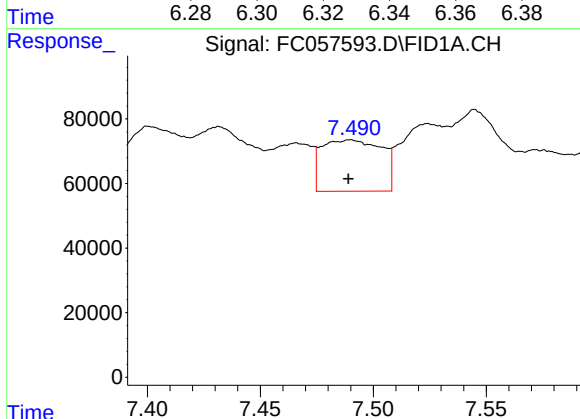
R.T.: 5.682 min
Delta R.T.: -0.017 min
Response: 156084
Conc: 1.26 ug/ml



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

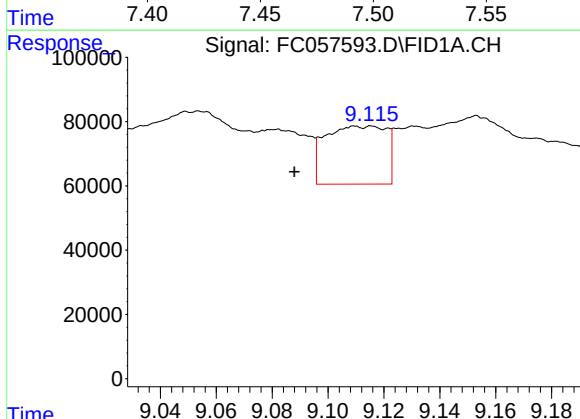
R.T.: 6.328 min
Delta R.T.: 0.008 min
Response: 91649
Conc: 0.66 ug/ml

Instrument :
FID_C
ClientSampleId :



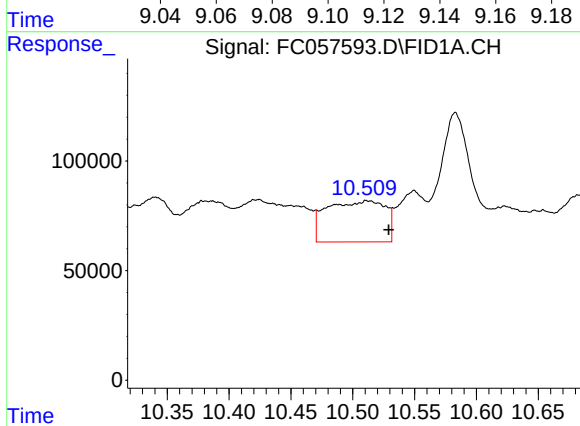
#6 n-Tetradecane (C14)

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 293766
Conc: 2.37 ug/ml



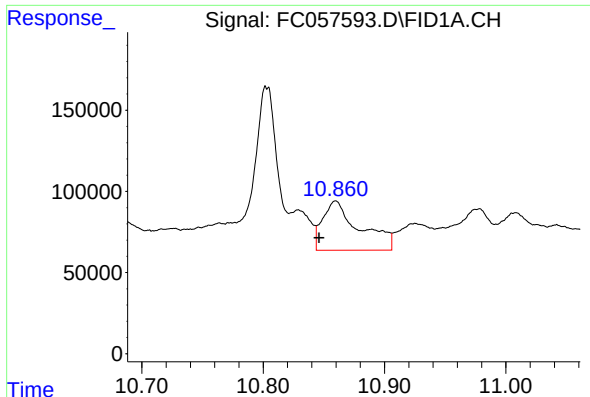
#7 n-Hexadecane (C16)

R.T.: 9.113 min
Delta R.T.: 0.025 min
Response: 273465
Conc: 2.18 ug/ml



#8 n-Octadecane (C18)

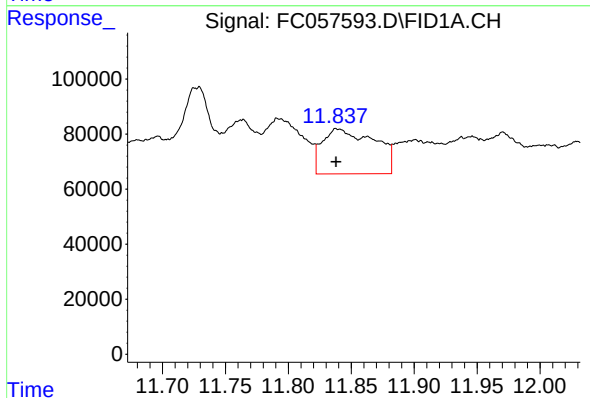
R.T.: 10.513 min
Delta R.T.: -0.016 min
Response: 617002
Conc: 4.77 ug/ml



#9 ortho-Terphenyl (SURR)

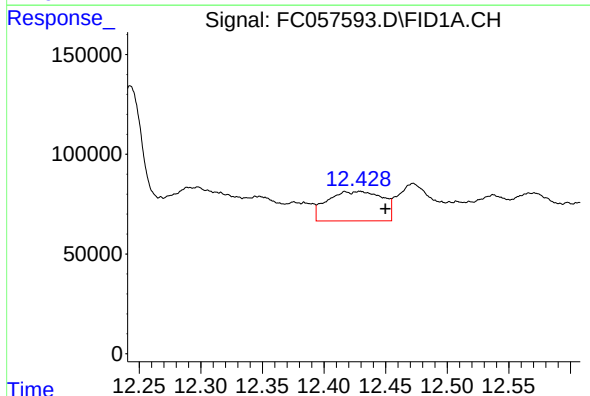
R.T.: 10.860 min
Delta R.T.: 0.014 min
Response: 641381
Conc: 4.61 ug/ml

Instrument :
FID_C
ClientSampleId :



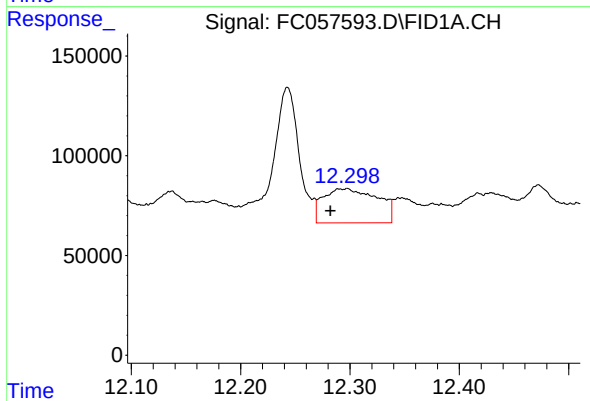
#10 n-Eicosane (C20)

R.T.: 11.840 min
Delta R.T.: 0.002 min
Response: 475024
Conc: 3.66 ug/ml



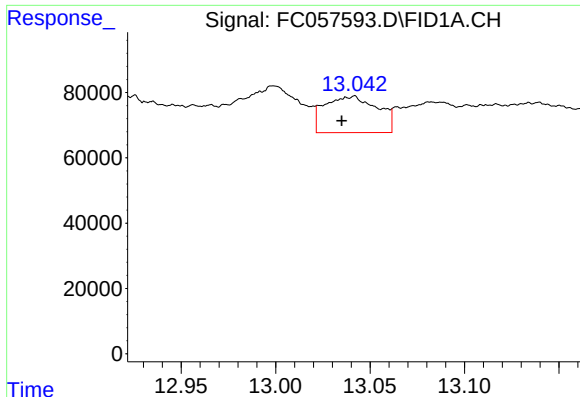
#11 n-Heneicosane (C21)

R.T.: 12.429 min
Delta R.T.: -0.021 min
Response: 459526
Conc: 3.50 ug/ml



#12 1-chlorooctadecane (SURR)

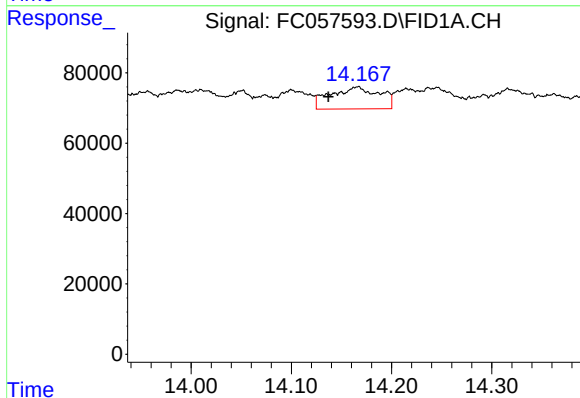
R.T.: 12.295 min
Delta R.T.: 0.013 min
Response: 591833
Conc: 5.34 ug/ml



#13 n-Docosane (C22)

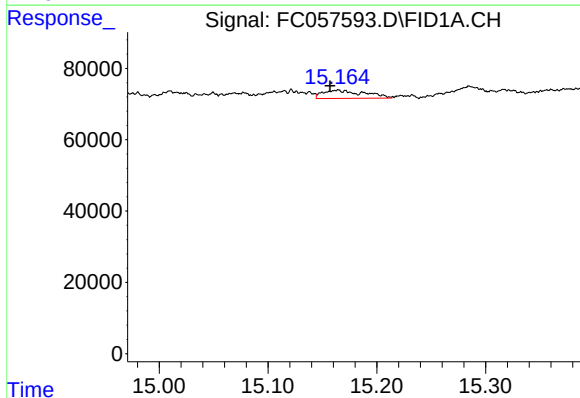
R.T.: 13.040 min
Delta R.T.: 0.005 min
Response: 217317
Conc: 1.65 ug/ml

Instrument :
FID_C
ClientSampleId :



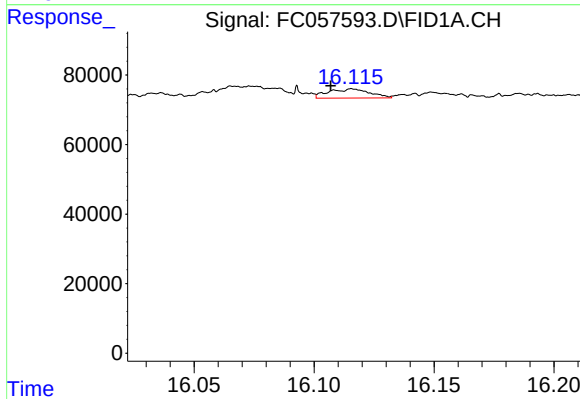
#14 n-Tetracosane (C24)

R.T.: 14.166 min
Delta R.T.: 0.029 min
Response: 211331
Conc: 1.59 ug/ml



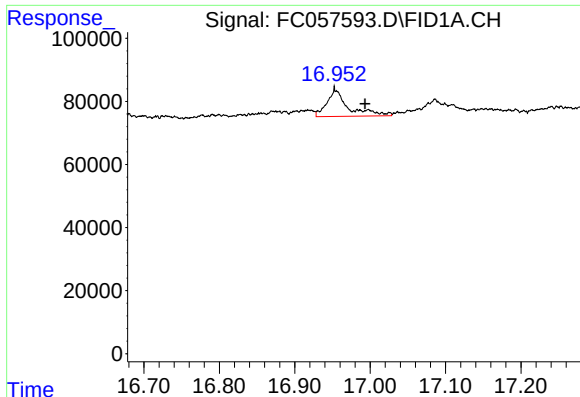
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.006 min
Response: 60354
Conc: 0.46 ug/ml



#16 n-Octacosane (C28)

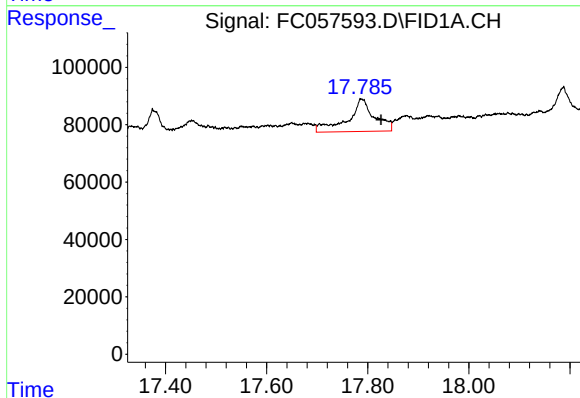
R.T.: 16.116 min
Delta R.T.: 0.009 min
Response: 31586
Conc: 0.24 ug/ml



#17 n-Tricontane (C30)

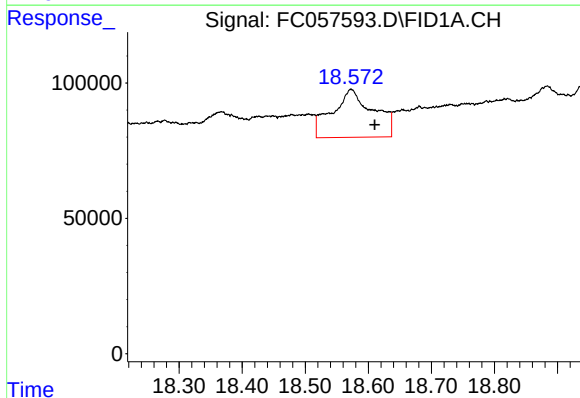
R.T.: 16.954 min
Delta R.T.: -0.039 min
Response: 169258
Conc: 1.24 ug/ml

Instrument :
FID_C
ClientSampleId :



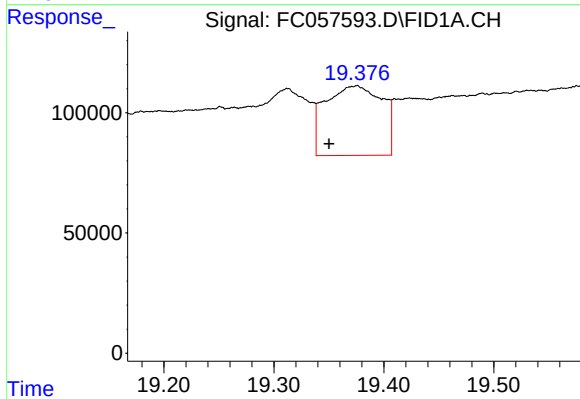
#18 n-Dotriacontane (C32)

R.T.: 17.788 min
Delta R.T.: -0.038 min
Response: 417136
Conc: 3.11 ug/ml



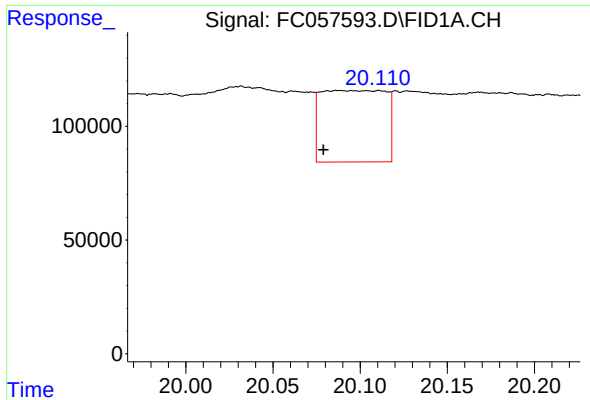
#19 n-Tetratriacontane (C34)

R.T.: 18.573 min
Delta R.T.: -0.037 min
Response: 800148
Conc: 6.14 ug/ml



#20 n-Hexatriacontane (C36)

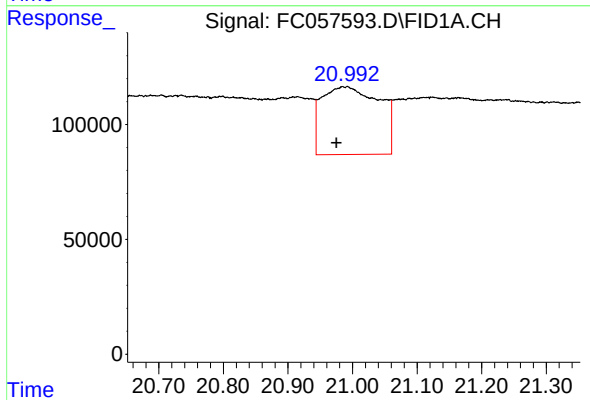
R.T.: 19.374 min
Delta R.T.: 0.024 min
Response: 1041313
Conc: 8.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.088 min
Delta R.T.: 0.009 min
Response: 810933
Conc: 7.38 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.990 min
Delta R.T.: 0.015 min
Response: 1835723
Conc: 18.39 ug/ml