

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057591.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 2:17
 Operator : AJ\MA
 Sample : M5044-18DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 05:31:03 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)	10.859	415837	2.988 ug/ml
Spiked Amount 50.000		Recovery =	5.98%
12) S 1-chlorooctadecane (S...	12.297	443754	4.007 ug/ml
Spiked Amount 50.000		Recovery =	8.01%
Target Compounds			
1) T n-Nonane (C9)	2.704	35648	0.289 ug/ml
2) T n-Decane (C10)	3.679	120748	0.969 ug/ml
3) T A~Naphthalene (C11.7)	5.265	432851	3.120 ug/ml
4) T n-Dodecane (C12)	5.664	372878	3.019 ug/ml
5) T A~2-methylnaphthalene...	6.324	283515	2.027 ug/ml
6) T n-Tetradecane (C14)	7.499	316088	2.553 ug/ml
7) T n-Hexadecane (C16)	9.084	187481	1.495 ug/ml
8) T n-Octadecane (C18)	10.517	536762	4.147 ug/ml
10) T n-Eicosane (C20)	11.839	238550	1.836 ug/ml
11) T n-Heneicosane (C21)	12.473	304568	2.321 ug/ml
13) T n-Docosane (C22)	13.041	157366	1.197 ug/ml
14) T n-Tetracosane (C24)	14.167	104991	0.789 ug/ml
15) T n-Hexacosane (C26)	15.163	6096	0.046 ug/ml
16) T n-Octacosane (C28)	16.115	11565	0.088 ug/ml
17) T n-Tricontane (C30)	16.955	93025	0.681 ug/ml
18) T n-Dotriacontane (C32)	17.788	373663	2.787 ug/ml
19) T n-Tetratriacontane (C34)	18.628	237000	1.818 ug/ml
20) T n-Hexatriacontane (C36)	19.377	1010804	8.513 ug/ml
21) T n-Octatriacontane (C38)	20.034	1592907	14.503 ug/ml
22) T n-Tetracontane (C40)	21.000	1692781	16.954 ug/ml

(f)=RT Delta > 1/2 Window

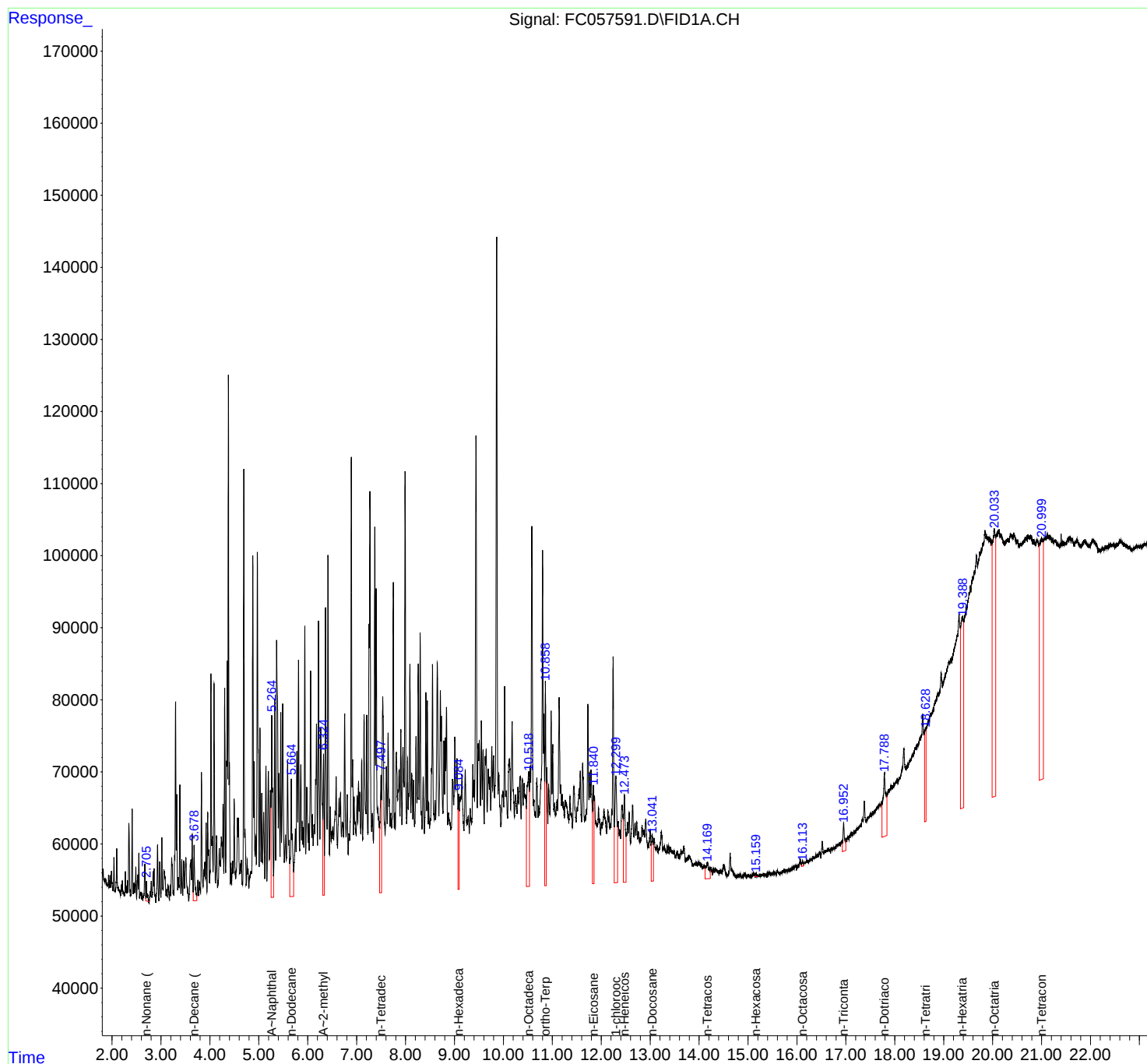
(m)=manual int.

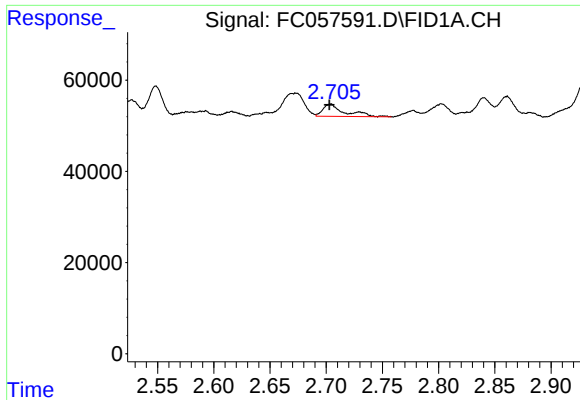
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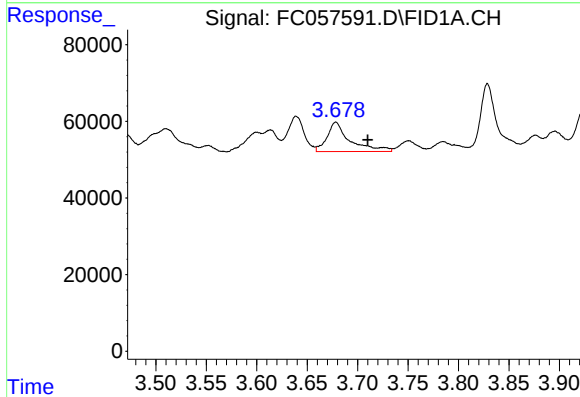




#1 n-Nonane (C9)

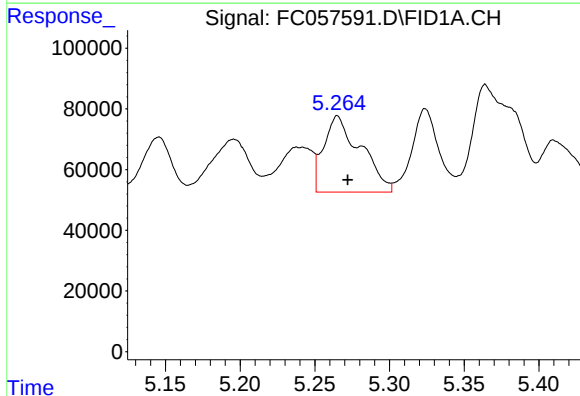
R.T.: 2.704 min
Delta R.T.: 0.000 min
Response: 35648
Conc: 0.29 ug/ml

Instrument :
FID_C
ClientSampleId :



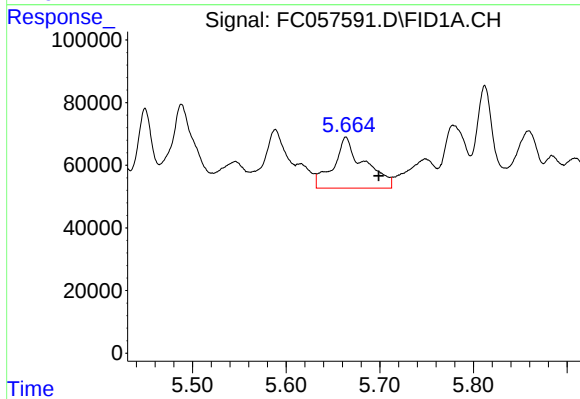
#2 n-Decane (C10)

R.T.: 3.679 min
Delta R.T.: -0.031 min
Response: 120748
Conc: 0.97 ug/ml



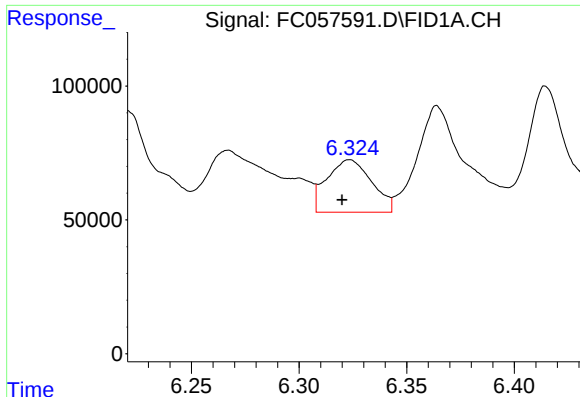
#3 A~Naphthalene (C11.7)

R.T.: 5.265 min
Delta R.T.: -0.007 min
Response: 432851
Conc: 3.12 ug/ml



#4 n-Dodecane (C12)

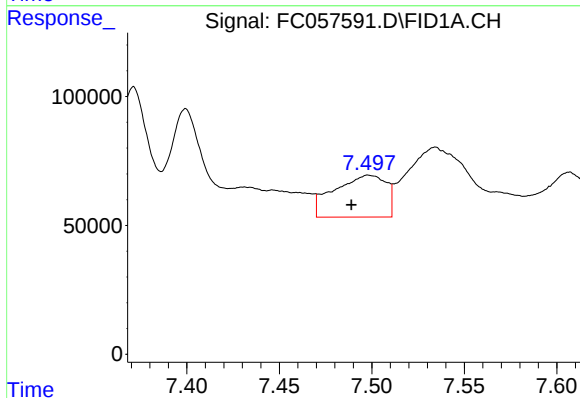
R.T.: 5.664 min
Delta R.T.: -0.035 min
Response: 372878
Conc: 3.02 ug/ml



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

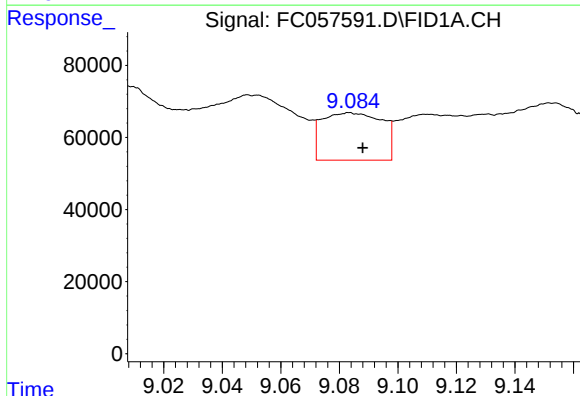
R.T.: 6.324 min
Delta R.T.: 0.003 min
Response: 283515
Conc: 2.03 ug/ml

Instrument :
FID_C
ClientSampleId :



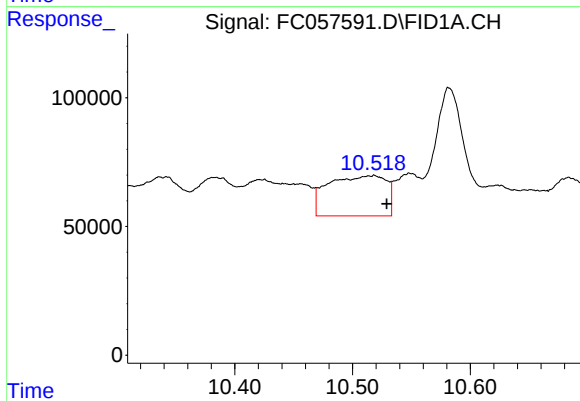
#6 n-Tetradecane (C14)

R.T.: 7.499 min
Delta R.T.: 0.010 min
Response: 316088
Conc: 2.55 ug/ml



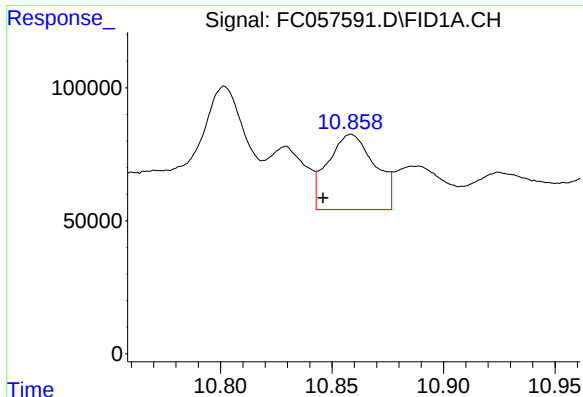
#7 n-Hexadecane (C16)

R.T.: 9.084 min
Delta R.T.: -0.004 min
Response: 187481
Conc: 1.50 ug/ml



#8 n-Octadecane (C18)

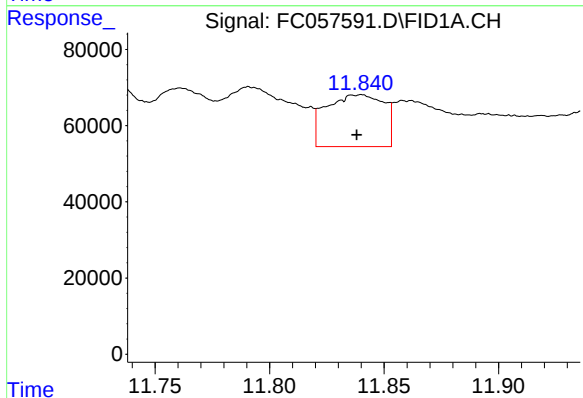
R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 536762
Conc: 4.15 ug/ml



#9 ortho-Terphenyl (SURR)

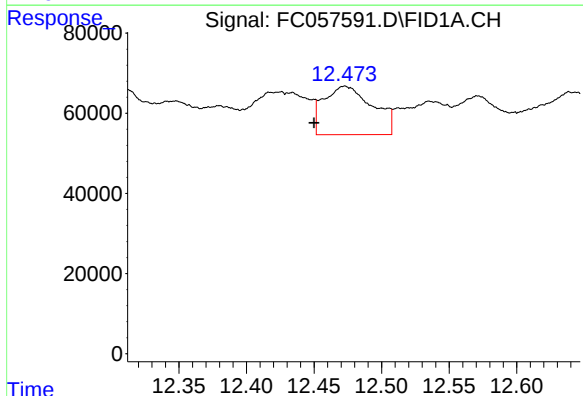
R.T.: 10.859 min
Delta R.T.: 0.013 min
Response: 415837
Conc: 2.99 ug/ml

Instrument :
FID_C
ClientSampleId :



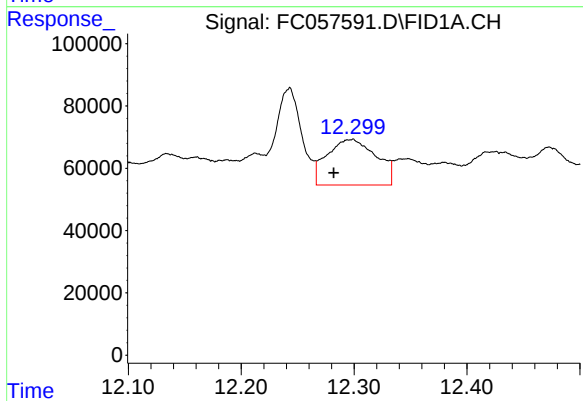
#10 n-Eicosane (C20)

R.T.: 11.839 min
Delta R.T.: 0.001 min
Response: 238550
Conc: 1.84 ug/ml



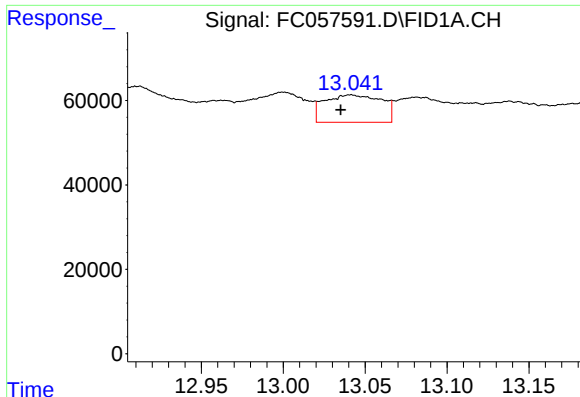
#11 n-Heneicosane (C21)

R.T.: 12.473 min
Delta R.T.: 0.023 min
Response: 304568
Conc: 2.32 ug/ml



#12 1-chlorooctadecane (SURR)

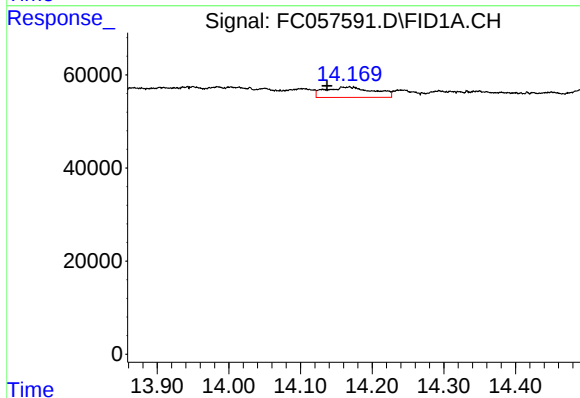
R.T.: 12.297 min
Delta R.T.: 0.015 min
Response: 443754
Conc: 4.01 ug/ml



#13 n-Docosane (C22)

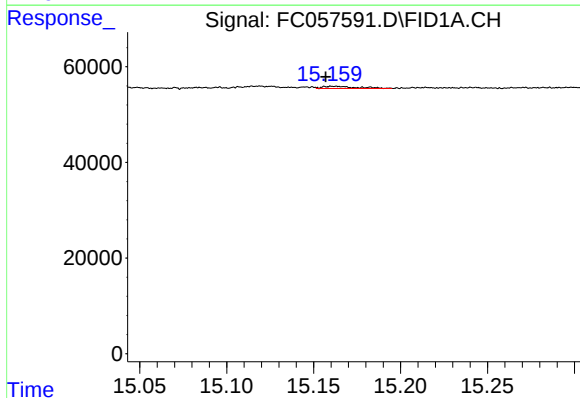
R.T.: 13.041 min
Delta R.T.: 0.006 min
Response: 157366
Conc: 1.20 ug/ml

Instrument :
FID_C
ClientSampleId :



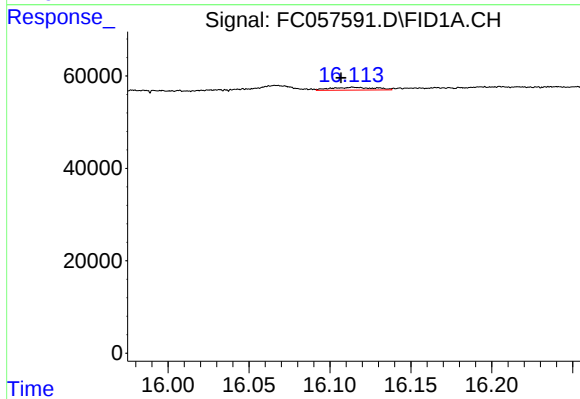
#14 n-Tetracosane (C24)

R.T.: 14.167 min
Delta R.T.: 0.030 min
Response: 104991
Conc: 0.79 ug/ml



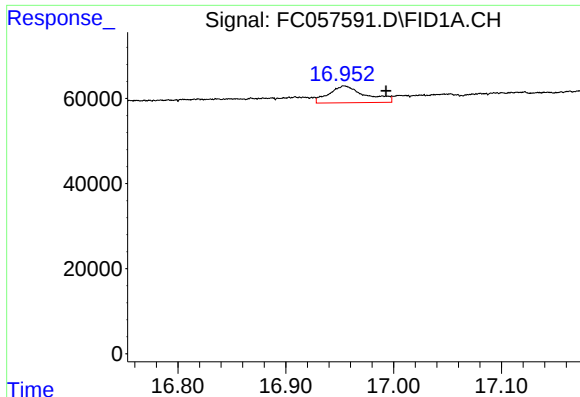
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.006 min
Response: 6096
Conc: 0.05 ug/ml



#16 n-Octacosane (C28)

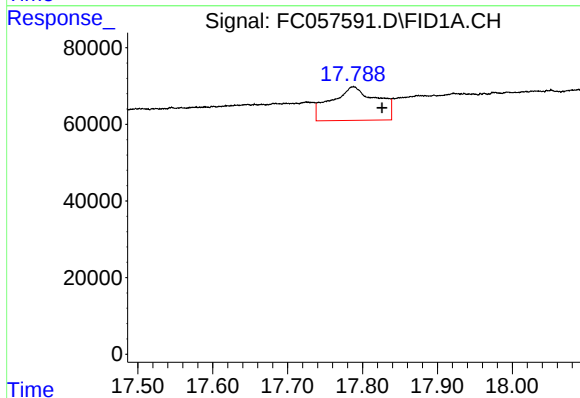
R.T.: 16.115 min
Delta R.T.: 0.008 min
Response: 11565
Conc: 0.09 ug/ml



#17 n-Tricontane (C30)

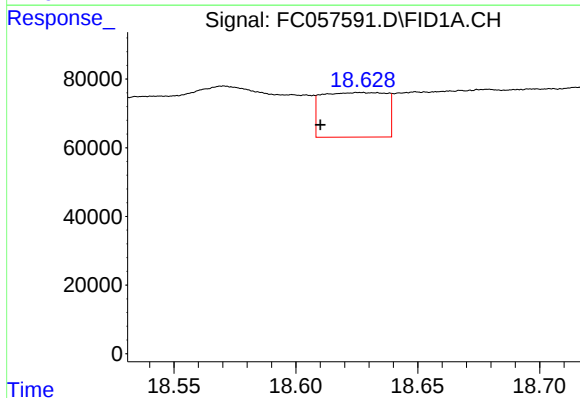
R.T.: 16.955 min
Delta R.T.: -0.038 min
Response: 93025
Conc: 0.68 ug/ml

Instrument :
FID_C
ClientSampleId :



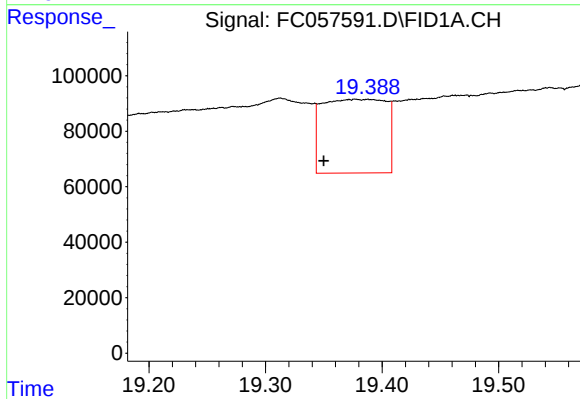
#18 n-Dotriacontane (C32)

R.T.: 17.788 min
Delta R.T.: -0.038 min
Response: 373663
Conc: 2.79 ug/ml



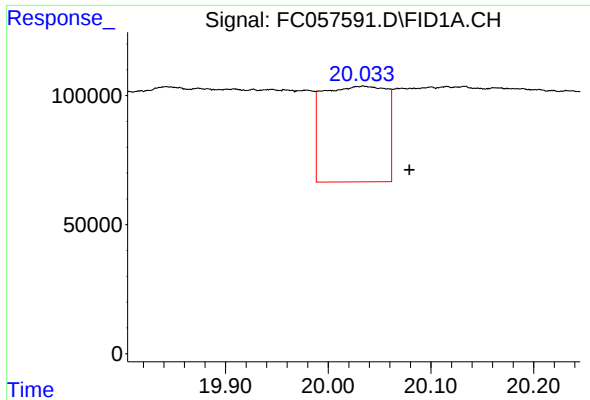
#19 n-Tetratriacontane (C34)

R.T.: 18.628 min
Delta R.T.: 0.018 min
Response: 237000
Conc: 1.82 ug/ml



#20 n-Hexatriacontane (C36)

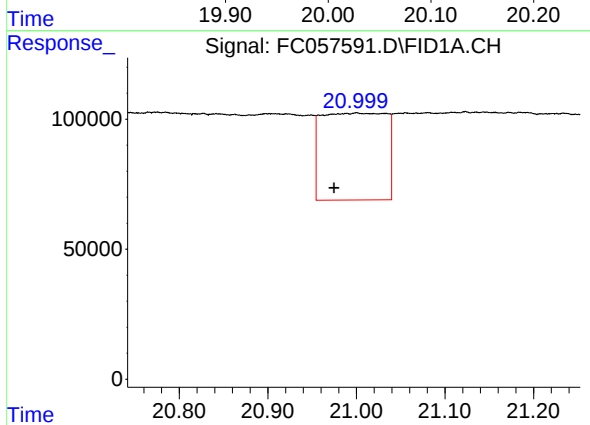
R.T.: 19.377 min
Delta R.T.: 0.027 min
Response: 1010804
Conc: 8.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.034 min
Delta R.T.: -0.045 min
Response: 1592907
Conc: 14.50 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.000 min
Delta R.T.: 0.025 min
Response: 1692781
Conc: 16.95 ug/ml