

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057533.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 17:19
 Operator : AJ\MA
 Sample : M5044-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:28:54 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)	10.864	34155301	245.446 ug/ml
Spiked Amount 50.000		Recovery =	490.89%
12) S 1-chlorooctadecane (S...	12.296	19679067	177.705 ug/ml
Spiked Amount 50.000		Recovery =	355.41%
Target Compounds			
1) T n-Nonane (C9)	2.713	1371357	11.100 ug/ml
2) T n-Decane (C10)	3.693	4102161	32.934 ug/ml
3) T A~Naphthalene (C11.7)	5.264	14529772	104.732 ug/ml
4) T n-Dodecane (C12)	5.690	4920453	39.844 ug/ml
5) T A~2-methylnaphthalene...	6.337	62932750	450.023 ug/ml
6) T n-Tetradecane (C14)	7.473	61154573	493.869 ug/ml
7) T n-Hexadecane (C16)	9.104	39938894	318.524 ug/ml
8) T n-Octadecane (C18)	10.540	15725772	121.492 ug/ml
10) T n-Eicosane (C20)	11.843	27873174	214.555 ug/ml
11) T n-Heneicosane (C21)	12.496	35437310	270.013 ug/ml
13) T n-Docosane (C22)	13.058	17151343	130.490 ug/ml
14) T n-Tetracosane (C24)	14.163	8179896	61.502 ug/ml
15) T n-Hexacosane (C26)	15.180	3293919	25.120 ug/ml
16) T n-Octacosane (C28)	16.102	203937	1.551 ug/ml
17) T n-Tricontane (C30)	17.013	39910	0.292 ug/ml
18) T n-Dotriacontane (C32)	17.803	617353	4.604 ug/ml
19) T n-Tetratriacontane (C34)	18.591	1391689	10.673 ug/ml
20) T n-Hexatriacontane (C36)	19.328	4192915	35.312 ug/ml
21) T n-Octatriacontane (C38)	20.059	6835206	62.234 ug/ml
22) T n-Tetracontane (C40)	20.937	3959722	39.659 ug/ml

(f)=RT Delta > 1/2 Window

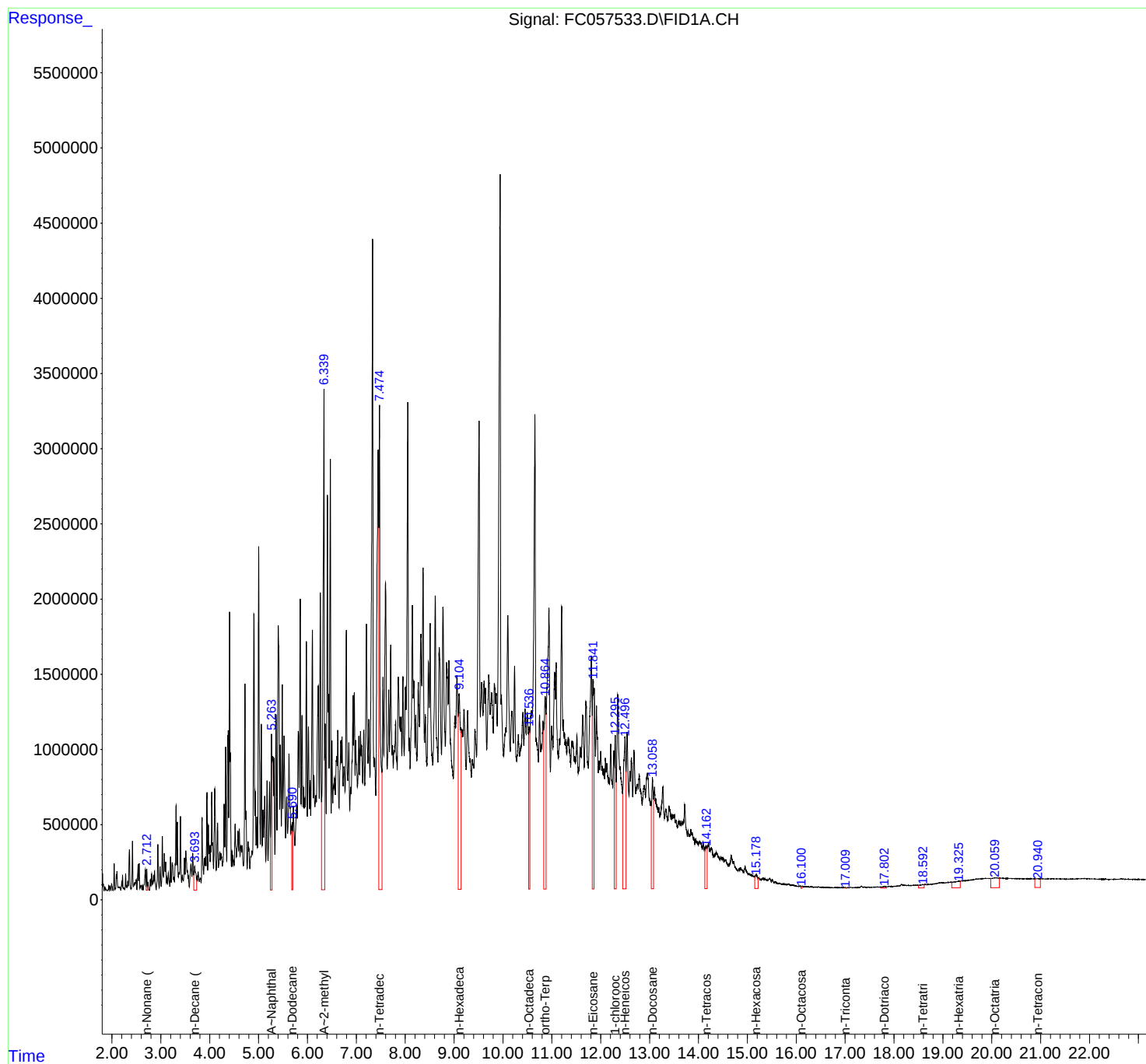
(m)=manual int.

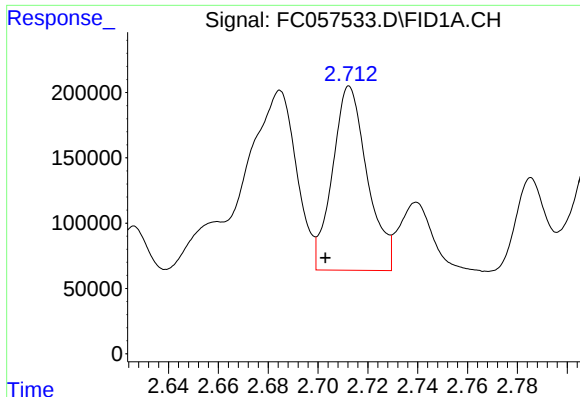
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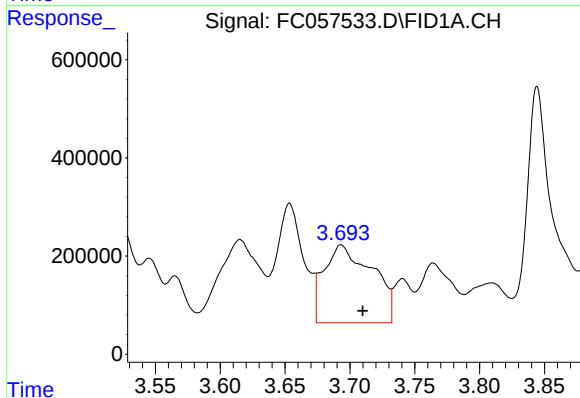




#1 n-Nonane (C9)

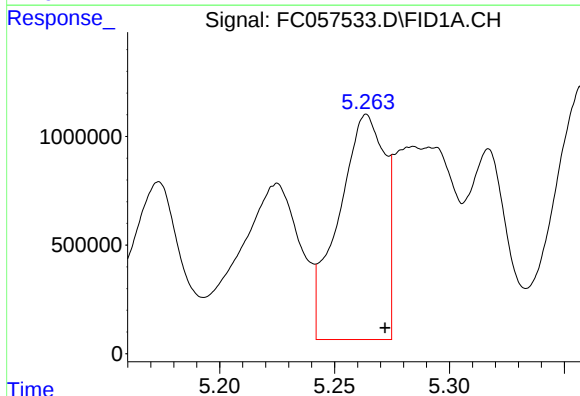
R.T.: 2.713 min
Delta R.T.: 0.010 min
Response: 1371357
Conc: 11.10 ug/ml

Instrument :
FID_C
ClientSampleId :



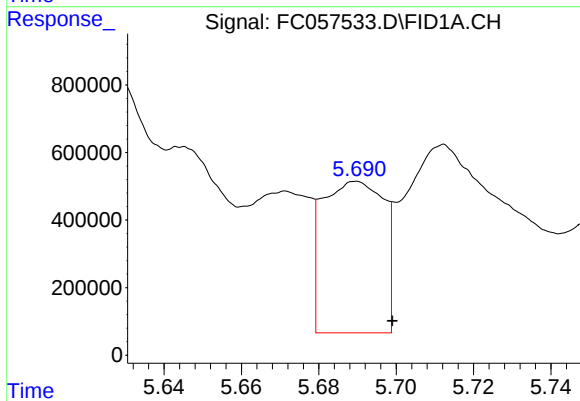
#2 n-Decane (C10)

R.T.: 3.693 min
Delta R.T.: -0.017 min
Response: 4102161
Conc: 32.93 ug/ml



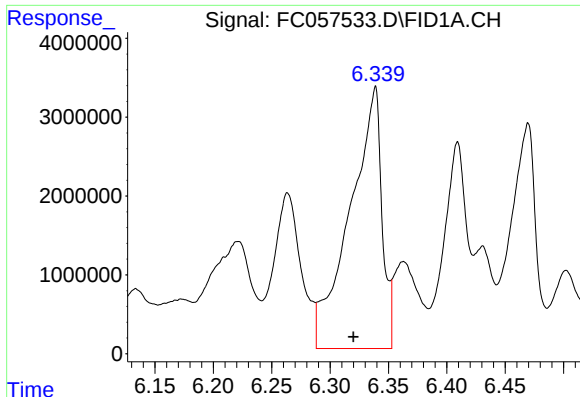
#3 A~Naphthalene (C11.7)

R.T.: 5.264 min
Delta R.T.: -0.008 min
Response: 14529772
Conc: 104.73 ug/ml



#4 n-Dodecane (C12)

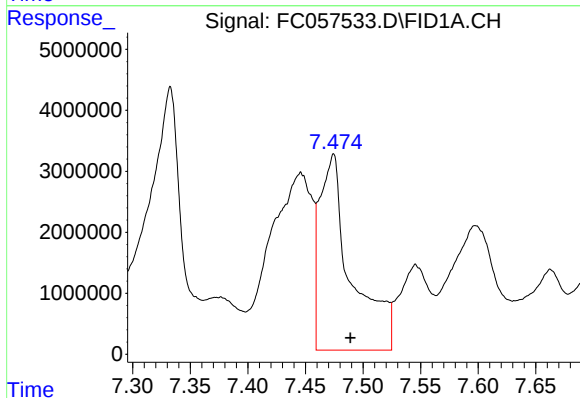
R.T.: 5.690 min
Delta R.T.: -0.009 min
Response: 4920453
Conc: 39.84 ug/ml



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

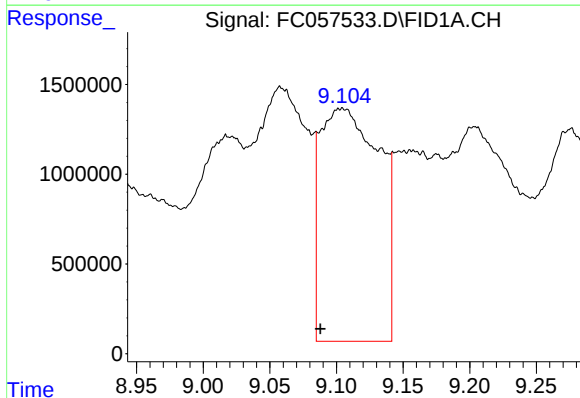
R.T.: 6.337 min
Delta R.T.: 0.017 min
Response: 62932750
Conc: 450.02 ug/ml

Instrument :
FID_C
ClientSampleId :



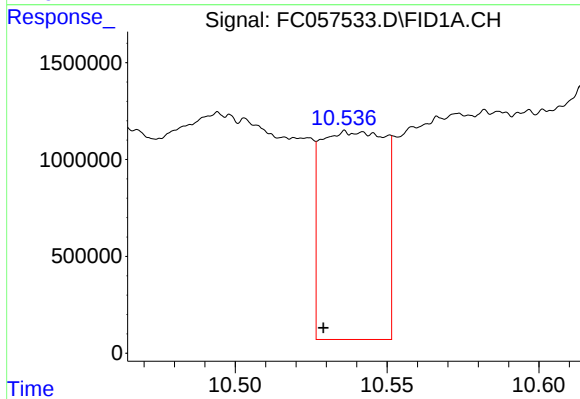
#6 n-Tetradecane (C14)

R.T.: 7.473 min
Delta R.T.: -0.016 min
Response: 61154573
Conc: 493.87 ug/ml



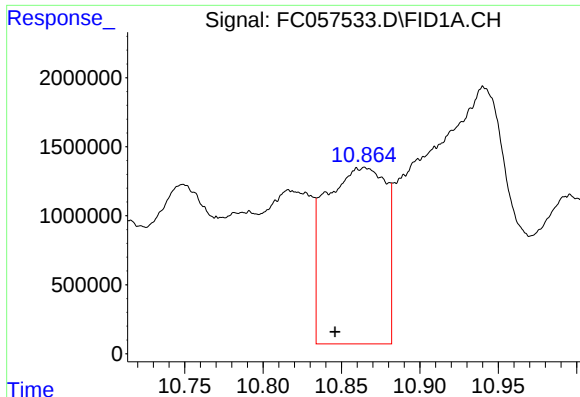
#7 n-Hexadecane (C16)

R.T.: 9.104 min
Delta R.T.: 0.016 min
Response: 39938894
Conc: 318.52 ug/ml



#8 n-Octadecane (C18)

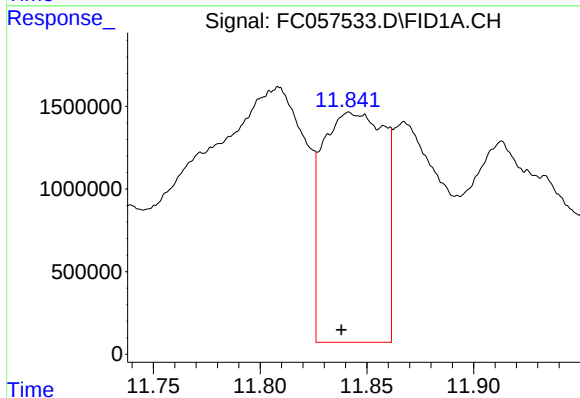
R.T.: 10.540 min
Delta R.T.: 0.011 min
Response: 15725772
Conc: 121.49 ug/ml



#9 ortho-Terphenyl (SURR)

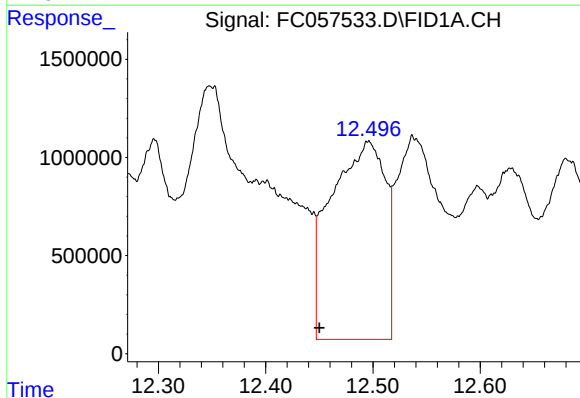
R.T.: 10.864 min
Delta R.T.: 0.018 min
Response: 34155301
Conc: 245.45 ug/ml

Instrument :
FID_C
ClientSampleId :



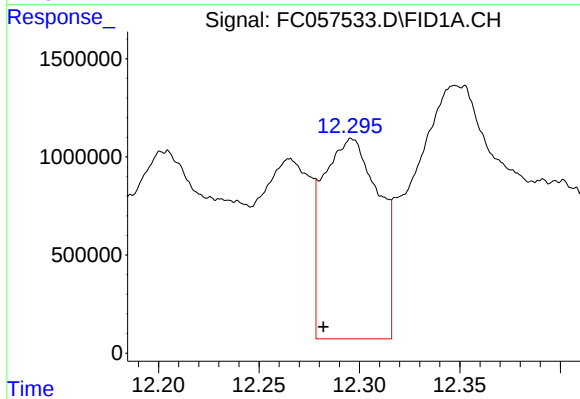
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: 0.005 min
Response: 27873174
Conc: 214.56 ug/ml



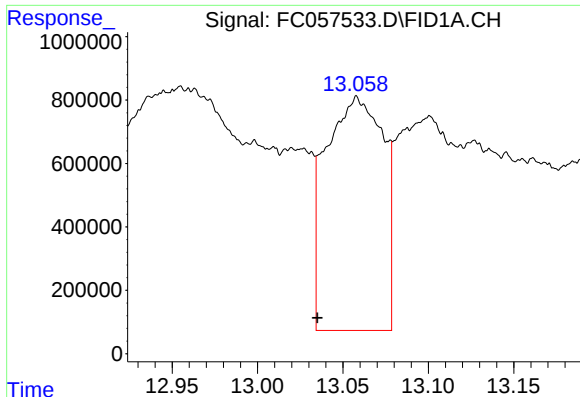
#11 n-Heneicosane (C21)

R.T.: 12.496 min
Delta R.T.: 0.046 min
Response: 35437310
Conc: 270.01 ug/ml



#12 1-chlorooctadecane (SURR)

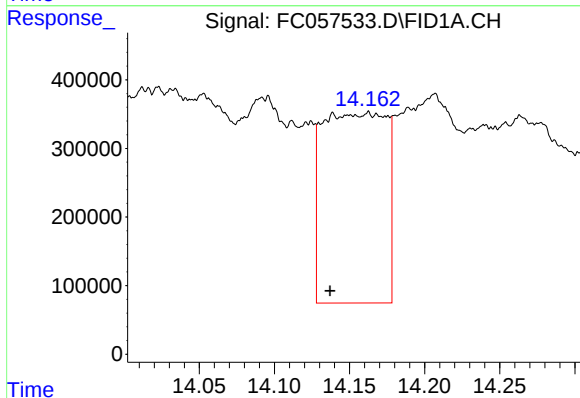
R.T.: 12.296 min
Delta R.T.: 0.014 min
Response: 19679067
Conc: 177.70 ug/ml



#13 n-Docosane (C22)

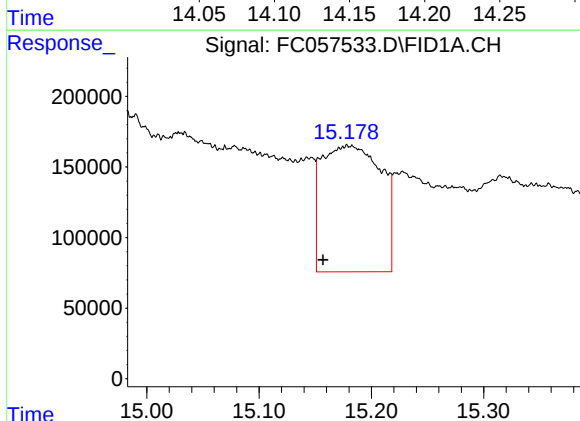
R.T.: 13.058 min
Delta R.T.: 0.023 min
Response: 17151343
Conc: 130.49 ug/ml

Instrument :
FID_C
ClientSampleId :



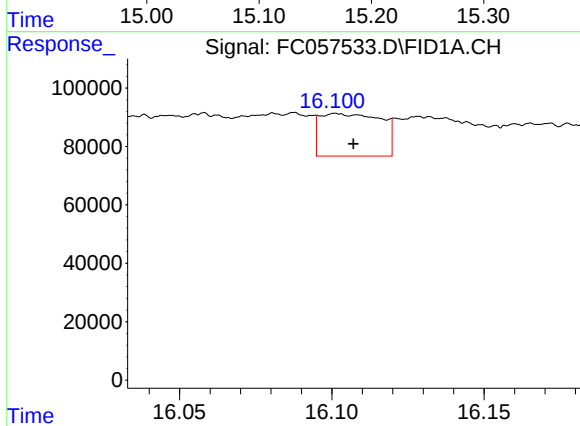
#14 n-Tetracosane (C24)

R.T.: 14.163 min
Delta R.T.: 0.026 min
Response: 8179896
Conc: 61.50 ug/ml



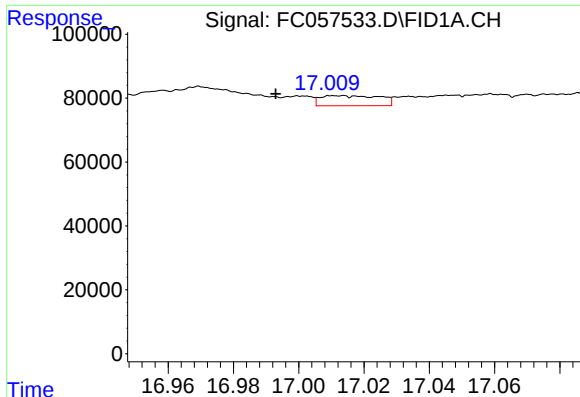
#15 n-Hexacosane (C26)

R.T.: 15.180 min
Delta R.T.: 0.023 min
Response: 3293919
Conc: 25.12 ug/ml



#16 n-Octacosane (C28)

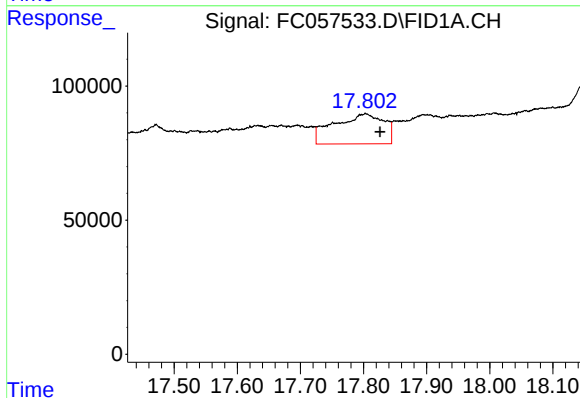
R.T.: 16.102 min
Delta R.T.: -0.005 min
Response: 203937
Conc: 1.55 ug/ml



#17 n-Tricontane (C30)

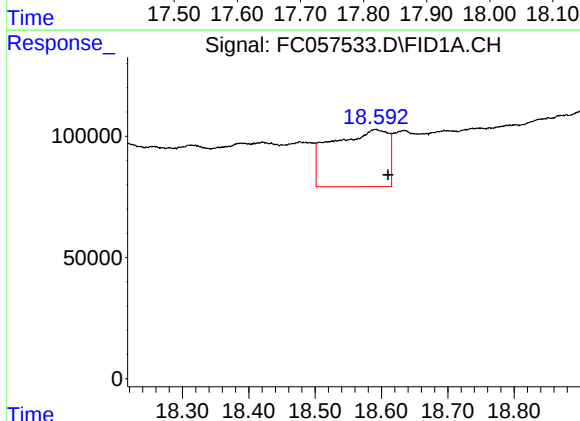
R.T.: 17.013 min
Delta R.T.: 0.020 min
Response: 39910
Conc: 0.29 ug/ml

Instrument :
FID_C
ClientSampleId :



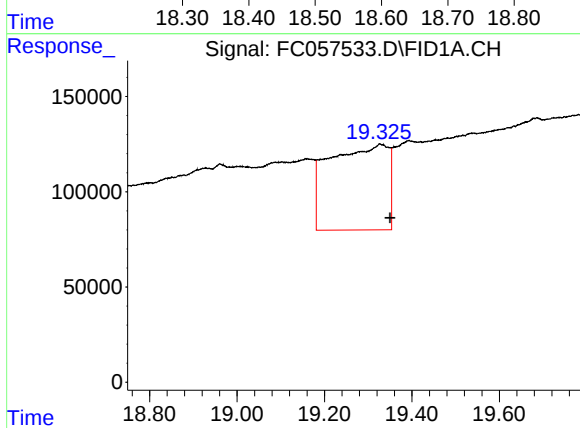
#18 n-Dotriacontane (C32)

R.T.: 17.803 min
Delta R.T.: -0.023 min
Response: 617353
Conc: 4.60 ug/ml



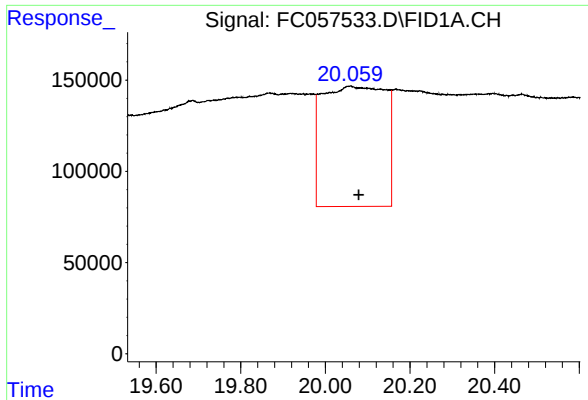
#19 n-Tetratriacontane (C34)

R.T.: 18.591 min
Delta R.T.: -0.019 min
Response: 1391689
Conc: 10.67 ug/ml



#20 n-Hexatriacontane (C36)

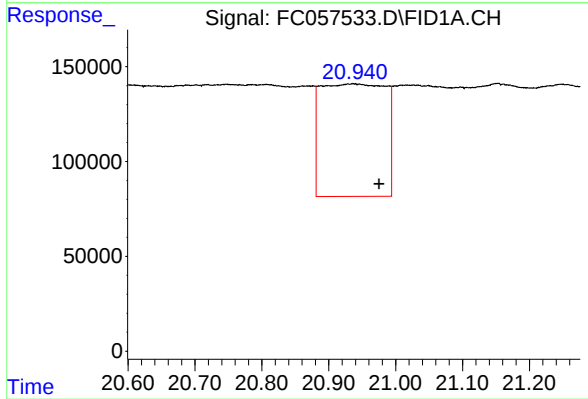
R.T.: 19.328 min
Delta R.T.: -0.022 min
Response: 4192915
Conc: 35.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.059 min
Delta R.T.: -0.020 min
Response: 6835206
Conc: 62.23 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.937 min
Delta R.T.: -0.038 min
Response: 3959722
Conc: 39.66 ug/ml