

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057575.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 17:20
 Operator : AJ\MA
 Sample : M5011-19DL2 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:31:55 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)	10.858	82717	0.594 ug/ml
Spiked Amount 50.000		Recovery =	1.19%
12) S 1-chlorooctadecane (S...	12.300	117708	1.063 ug/ml
Spiked Amount 50.000		Recovery =	2.13%
Target Compounds			
1) T n-Nonane (C9)	2.706	30543	0.247 ug/ml
2) T n-Decane (C10)	3.682	70001	0.562 ug/ml
3) T A~Naphthalene (C11.7)	5.286	128756	0.928 ug/ml
4) T n-Dodecane (C12)	5.688	70947	0.574 ug/ml
5) T A~2-methylnaphthalene...	6.324	163512	1.169 ug/ml
6) T n-Tetradecane (C14)	7.504	192387	1.554 ug/ml
7) T n-Hexadecane (C16)	9.054	106466	0.849 ug/ml
8) T n-Octadecane (C18)	10.517	71234	0.550 ug/ml
10) T n-Eicosane (C20)	11.831	49635	0.382 ug/ml
11) T n-Heneicosane (C21)	12.459	90216	0.687 ug/ml
13) T n-Docosane (C22)	13.055	27063	0.206 ug/ml
14) T n-Tetracosane (C24)	14.160	17825	0.134 ug/ml
15) T n-Hexacosane (C26)	15.163	3968	0.030 ug/ml
16) T n-Octacosane (C28)	16.124	7904	0.060 ug/ml
17) T n-Tricontane (C30)	16.960	41012	0.300 ug/ml
18) T n-Dotriacontane (C32)	17.847	3663	0.027 ug/ml
19) T n-Tetratriacontane (C34)	18.576	353977	2.715 ug/ml
20) T n-Hexatriacontane (C36)	19.320	1620238	13.645 ug/ml
21) T n-Octatriacontane (C38)	20.039	3752244	34.164 ug/ml
22) T n-Tetracontane (C40)	21.001	402474	4.031 ug/ml

(f)=RT Delta > 1/2 Window

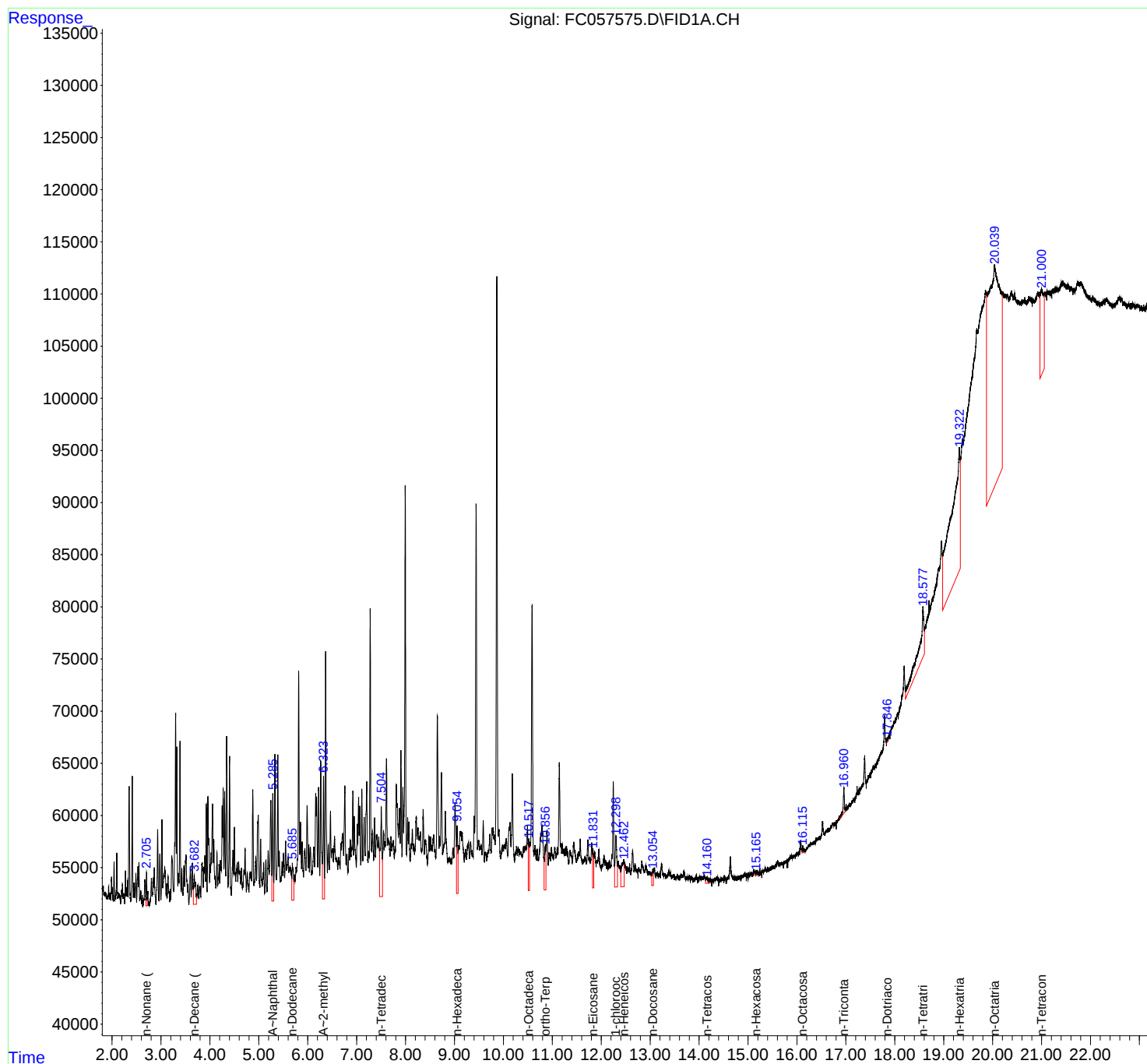
(m)=manual int.

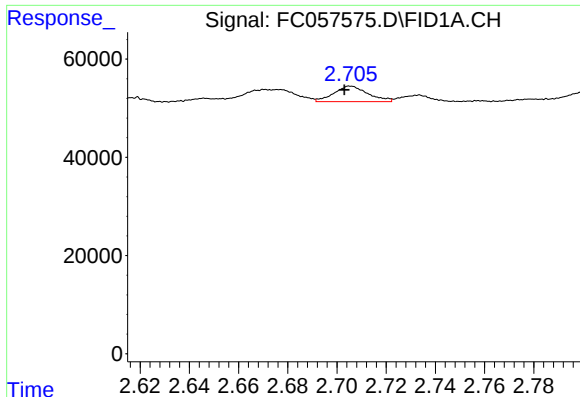
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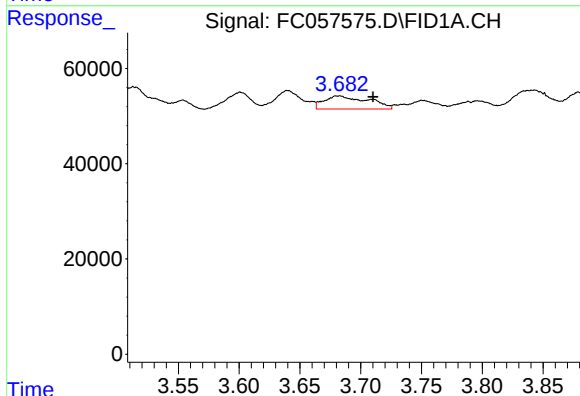




#1 n-Nonane (C9)

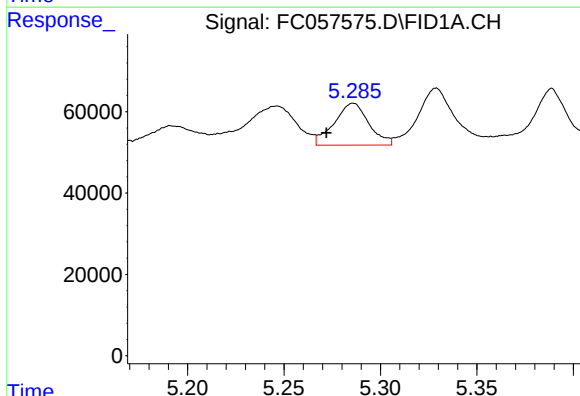
R.T.: 2.706 min
Delta R.T.: 0.003 min
Response: 30543
Conc: 0.25 ug/ml

Instrument :
FID_C
ClientSampleId :



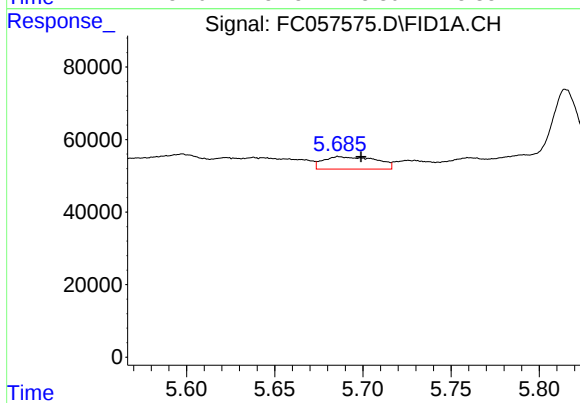
#2 n-Decane (C10)

R.T.: 3.682 min
Delta R.T.: -0.028 min
Response: 70001
Conc: 0.56 ug/ml



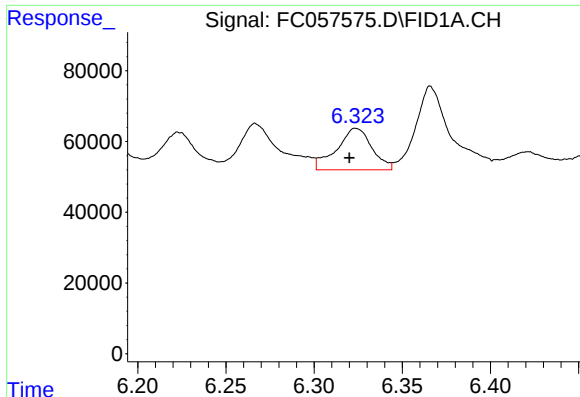
#3 A~Naphthalene (C11.7)

R.T.: 5.286 min
Delta R.T.: 0.014 min
Response: 128756
Conc: 0.93 ug/ml



#4 n-Dodecane (C12)

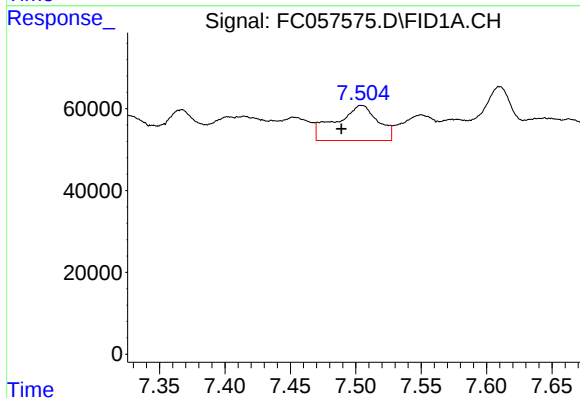
R.T.: 5.688 min
Delta R.T.: -0.011 min
Response: 70947
Conc: 0.57 ug/ml



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

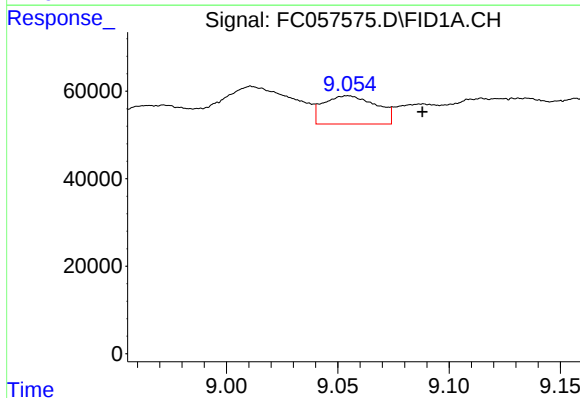
R.T.: 6.324 min
Delta R.T.: 0.004 min
Response: 163512
Conc: 1.17 ug/ml

Instrument :
FID_C
ClientSampleId :



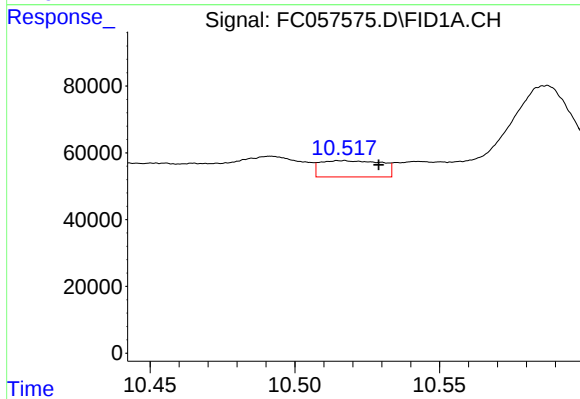
#6 n-Tetradecane (C14)

R.T.: 7.504 min
Delta R.T.: 0.015 min
Response: 192387
Conc: 1.55 ug/ml



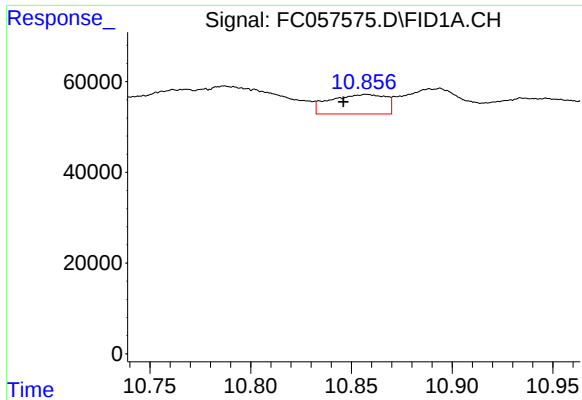
#7 n-Hexadecane (C16)

R.T.: 9.054 min
Delta R.T.: -0.034 min
Response: 106466
Conc: 0.85 ug/ml



#8 n-Octadecane (C18)

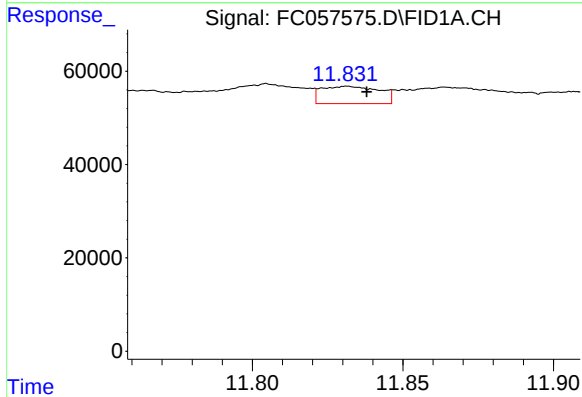
R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 71234
Conc: 0.55 ug/ml



#9 ortho-Terphenyl (SURR)

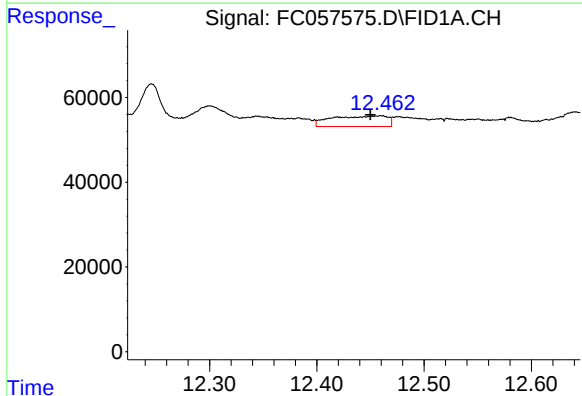
R.T.: 10.858 min
Delta R.T.: 0.012 min
Response: 82717
Conc: 0.59 ug/ml

Instrument :
FID_C
ClientSampleId :



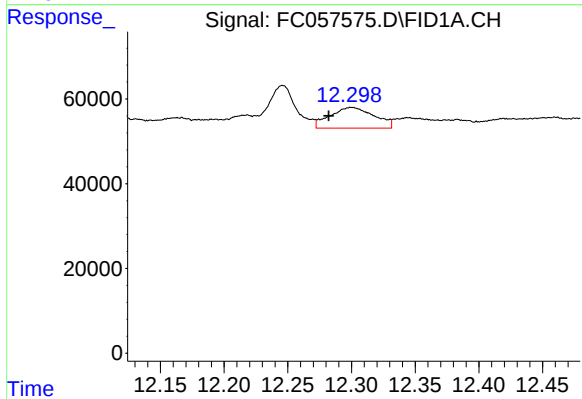
#10 n-Eicosane (C20)

R.T.: 11.831 min
Delta R.T.: -0.007 min
Response: 49635
Conc: 0.38 ug/ml



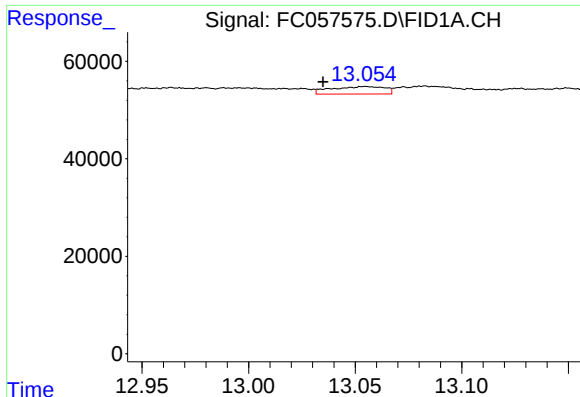
#11 n-Heneicosane (C21)

R.T.: 12.459 min
Delta R.T.: 0.009 min
Response: 90216
Conc: 0.69 ug/ml



#12 1-chlorooctadecane (SURR)

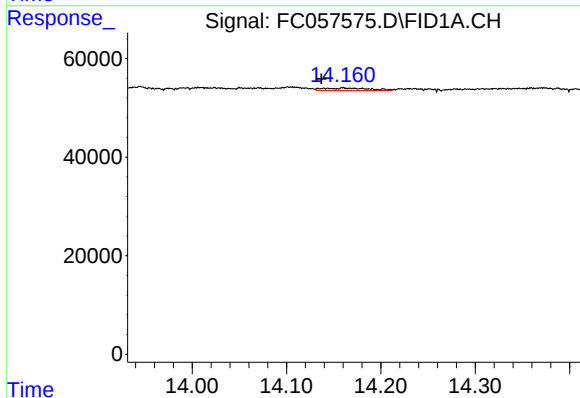
R.T.: 12.300 min
Delta R.T.: 0.018 min
Response: 117708
Conc: 1.06 ug/ml



#13 n-Docosane (C22)

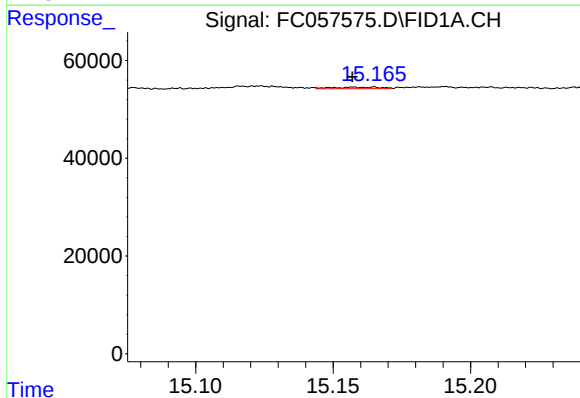
R.T.: 13.055 min
Delta R.T.: 0.020 min
Response: 27063
Conc: 0.21 ug/ml

Instrument :
FID_C
ClientSampleId :



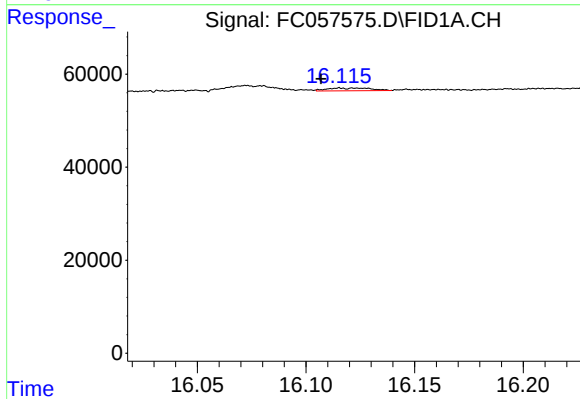
#14 n-Tetracosane (C24)

R.T.: 14.160 min
Delta R.T.: 0.023 min
Response: 17825
Conc: 0.13 ug/ml



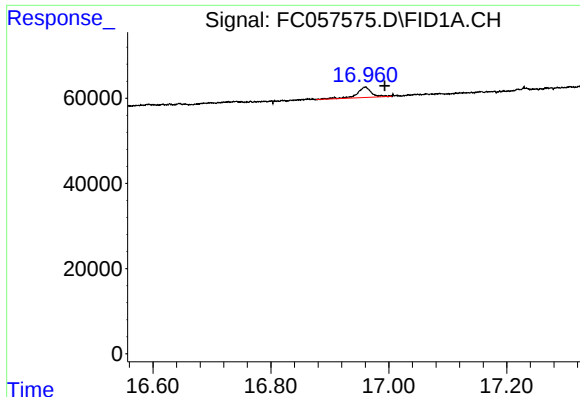
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.006 min
Response: 3968
Conc: 0.03 ug/ml



#16 n-Octacosane (C28)

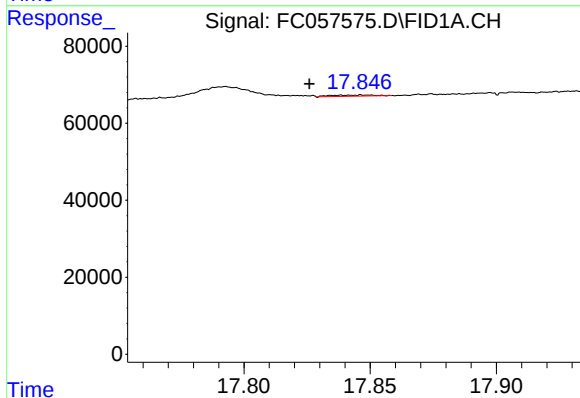
R.T.: 16.124 min
Delta R.T.: 0.017 min
Response: 7904
Conc: 0.06 ug/ml



#17 n-Tricontane (C30)

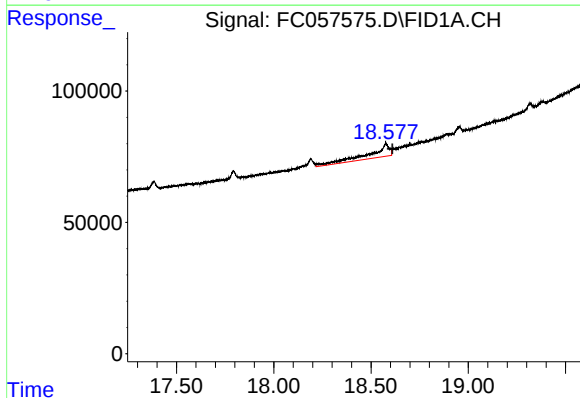
R.T.: 16.960 min
Delta R.T.: -0.033 min
Response: 41012
Conc: 0.30 ug/ml

Instrument :
FID_C
ClientSampleId :



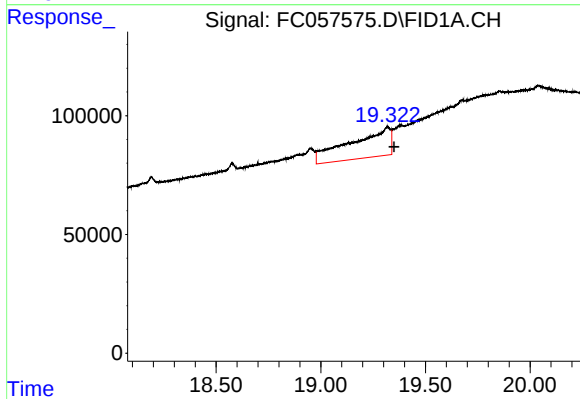
#18 n-Dotriacontane (C32)

R.T.: 17.847 min
Delta R.T.: 0.021 min
Response: 3663
Conc: 0.03 ug/ml



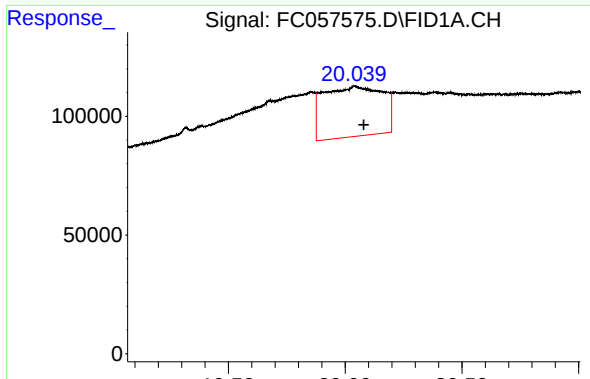
#19 n-Tetratriacontane (C34)

R.T.: 18.576 min
Delta R.T.: -0.034 min
Response: 353977
Conc: 2.71 ug/ml



#20 n-Hexatriacontane (C36)

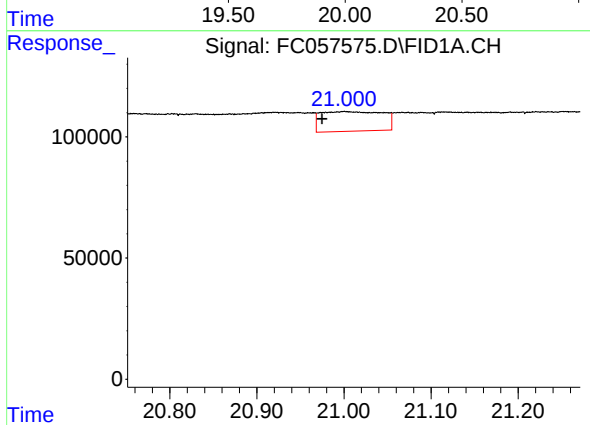
R.T.: 19.320 min
Delta R.T.: -0.030 min
Response: 1620238
Conc: 13.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.039 min
Delta R.T.: -0.040 min
Response: 3752244
Conc: 34.16 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.001 min
Delta R.T.: 0.026 min
Response: 402474
Conc: 4.03 ug/ml