

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057580.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 20:08
 Operator : AJ\MA
 Sample : M5044-05DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:33:42 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	5533	0.040 ug/ml
Spiked Amount 50.000		Recovery =	0.08%
12) S 1-chlorooctadecane (S...	12.310	14836	0.134 ug/ml
Spiked Amount 50.000		Recovery =	0.27%
Target Compounds			
1) T n-Nonane (C9)	2.706	10404	0.084 ug/ml
2) T n-Decane (C10)	3.695	18770	0.151 ug/ml
3) T A~Naphthalene (C11.7)	5.267	131408	0.947 ug/ml
4) T n-Dodecane (C12)	5.685	65089	0.527 ug/ml
5) T A~2-methylnaphthalene...	6.330	42276	0.302 ug/ml
6) T n-Tetradecane (C14)	7.454	34328	0.277 ug/ml
7) T n-Hexadecane (C16)	9.052	23075	0.184 ug/ml
8) T n-Octadecane (C18)	10.494	24314	0.188 ug/ml
10) T n-Eicosane (C20)	11.845	7305	0.056 ug/ml
11) T n-Heneicosane (C21)	12.467	5510	0.042 ug/ml
13) T n-Docosane (C22)	13.034	7445	0.057 ug/ml
14) T n-Tetracosane (C24)	14.144	27227	0.205 ug/ml
15) T n-Hexacosane (C26)	15.181	10959	0.084 ug/ml
16) T n-Octacosane (C28)	16.119	8958	0.068 ug/ml
17) T n-Tricontane (C30)	16.958	234327	1.715 ug/ml
18) T n-Dotriacontane (C32)	17.791	635447	4.739 ug/ml
19) T n-Tetratriacontane (C34)	18.618	296716	2.276 ug/ml
20) T n-Hexatriacontane (C36)	19.376	1486541	12.519 ug/ml
21) T n-Octatriacontane (C38)	20.108	1834279	16.701 ug/ml
22) T n-Tetracontane (C40)	20.994	3255281	32.604 ug/ml

(f)=RT Delta > 1/2 Window

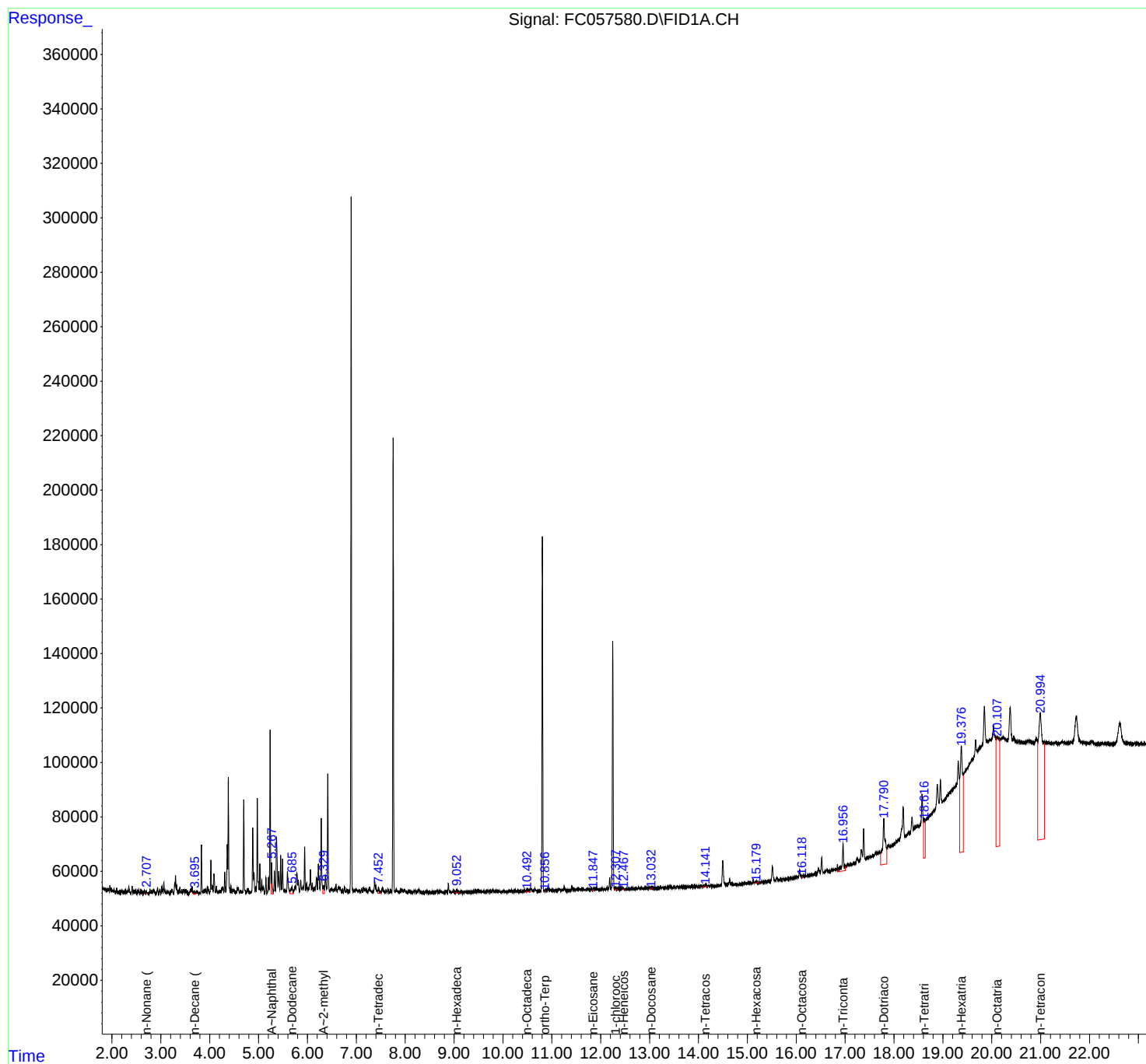
(m)=manual int.

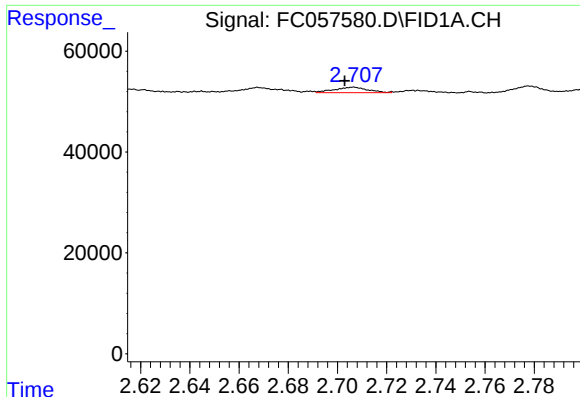
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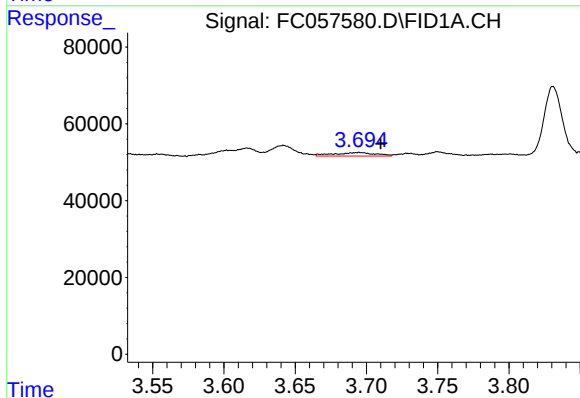




#1 n-Nonane (C9)

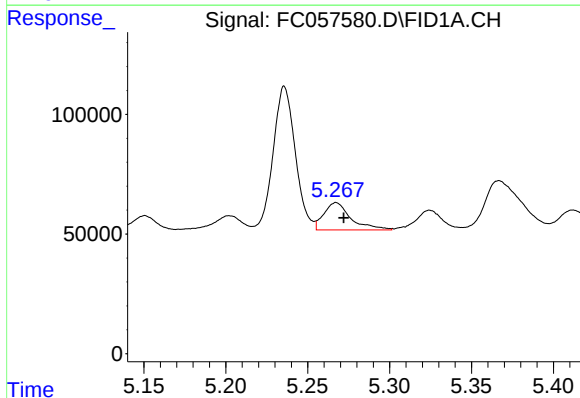
R.T.: 2.706 min
Delta R.T.: 0.003 min
Response: 10404
Conc: 0.08 ug/ml

Instrument :
FID_C
ClientSampleId :



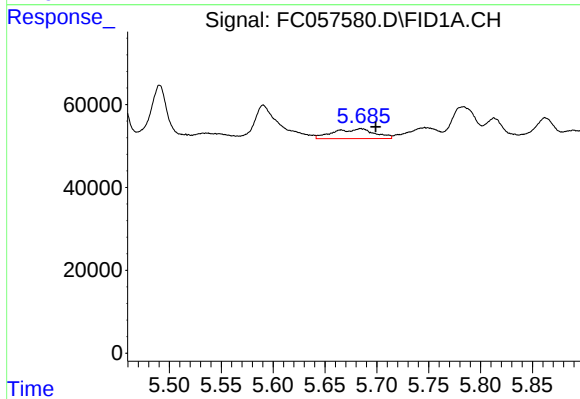
#2 n-Decane (C10)

R.T.: 3.695 min
Delta R.T.: -0.015 min
Response: 18770
Conc: 0.15 ug/ml



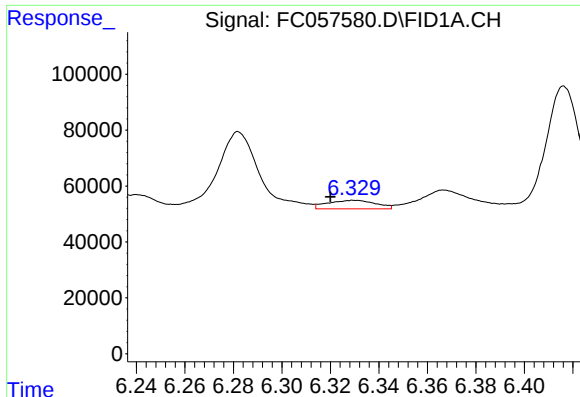
#3 A~Naphthalene (C11.7)

R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 131408
Conc: 0.95 ug/ml



#4 n-Dodecane (C12)

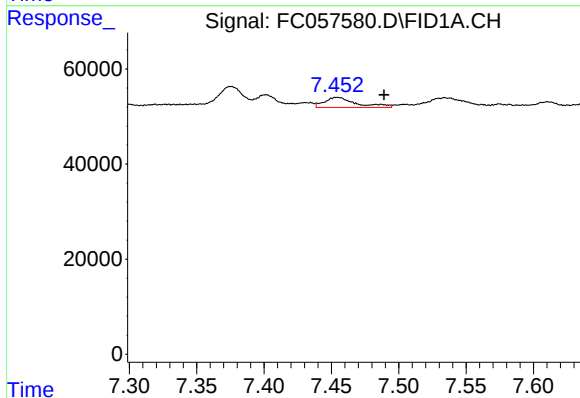
R.T.: 5.685 min
Delta R.T.: -0.014 min
Response: 65089
Conc: 0.53 ug/ml



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

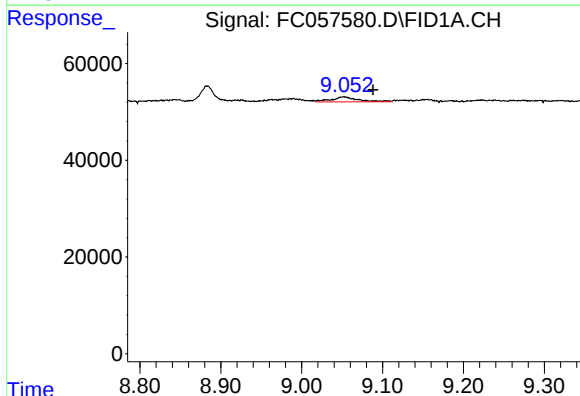
R.T.: 6.330 min
Delta R.T.: 0.010 min
Response: 42276
Conc: 0.30 ug/ml

Instrument :
FID_C
ClientSampleId :



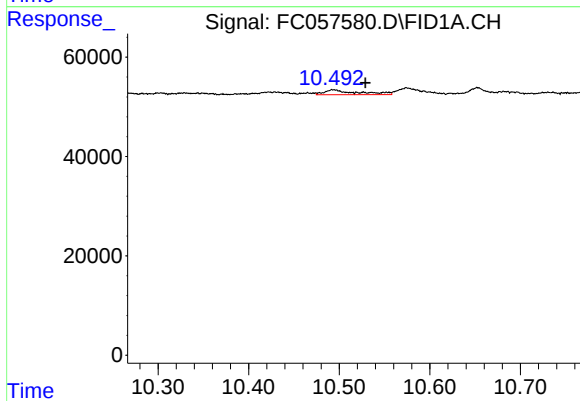
#6 n-Tetradecane (C14)

R.T.: 7.454 min
Delta R.T.: -0.035 min
Response: 34328
Conc: 0.28 ug/ml



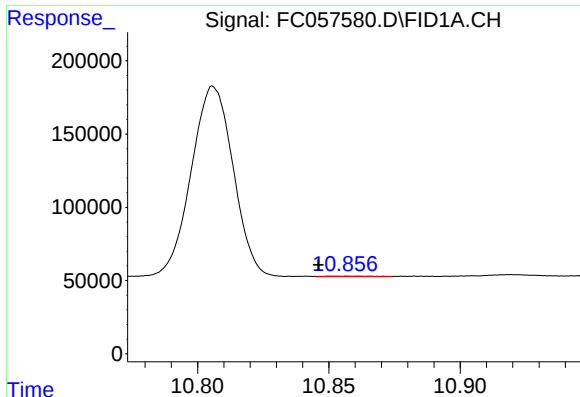
#7 n-Hexadecane (C16)

R.T.: 9.052 min
Delta R.T.: -0.036 min
Response: 23075
Conc: 0.18 ug/ml



#8 n-Octadecane (C18)

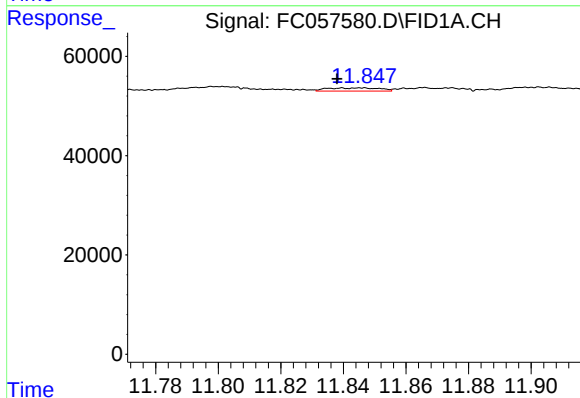
R.T.: 10.494 min
Delta R.T.: -0.035 min
Response: 24314
Conc: 0.19 ug/ml



#9 ortho-Terphenyl (SURR)

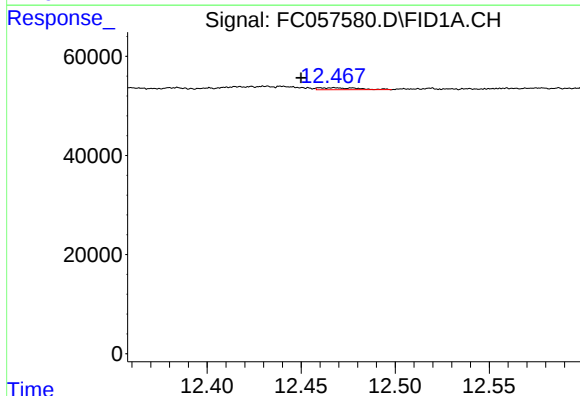
R.T.: 10.859 min
Delta R.T.: 0.013 min
Response: 5533
Conc: 0.04 ug/ml

Instrument :
FID_C
ClientSampleId :



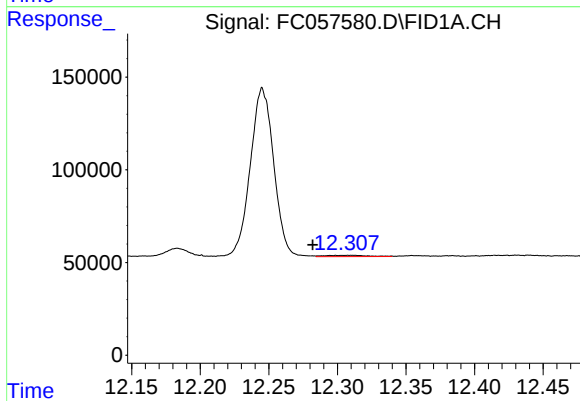
#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: 0.007 min
Response: 7305
Conc: 0.06 ug/ml



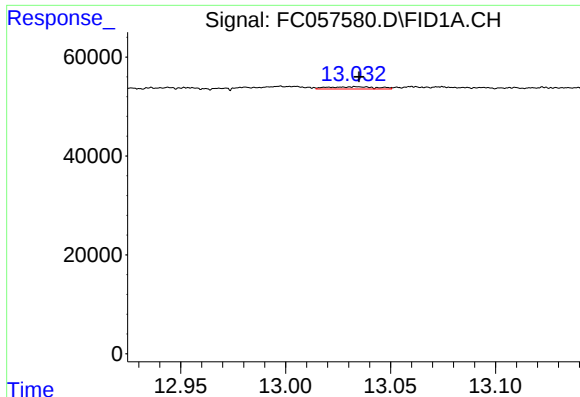
#11 n-Heneicosane (C21)

R.T.: 12.467 min
Delta R.T.: 0.017 min
Response: 5510
Conc: 0.04 ug/ml



#12 1-chlorooctadecane (SURR)

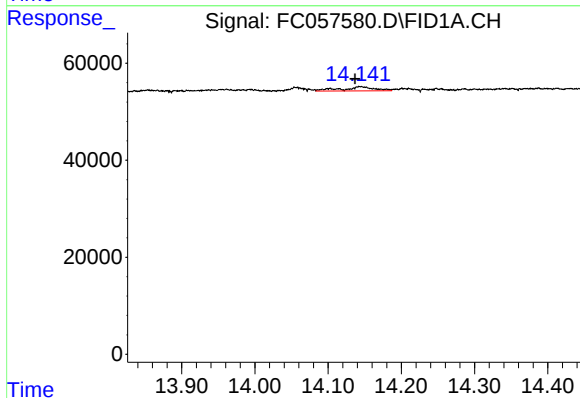
R.T.: 12.310 min
Delta R.T.: 0.028 min
Response: 14836
Conc: 0.13 ug/ml



#13 n-Docosane (C22)

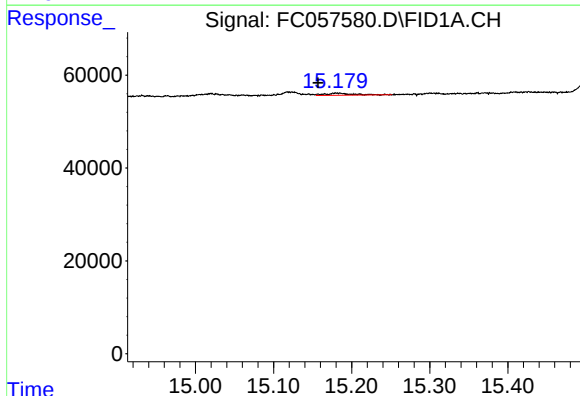
R.T.: 13.034 min
Delta R.T.: -0.001 min
Response: 7445
Conc: 0.06 ug/ml

Instrument :
FID_C
ClientSampleId :



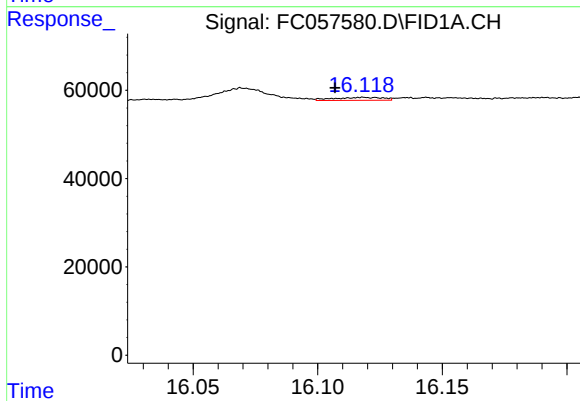
#14 n-Tetracosane (C24)

R.T.: 14.144 min
Delta R.T.: 0.007 min
Response: 27227
Conc: 0.20 ug/ml



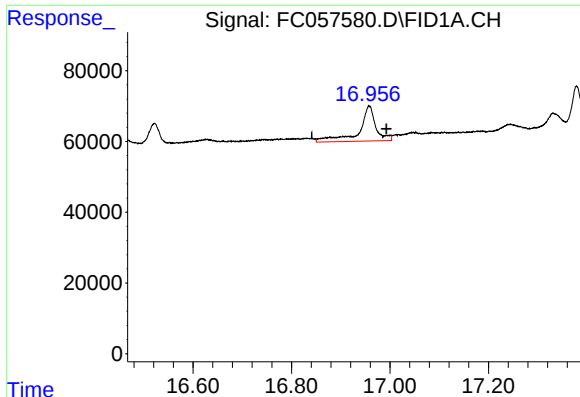
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: 0.024 min
Response: 10959
Conc: 0.08 ug/ml



#16 n-Octacosane (C28)

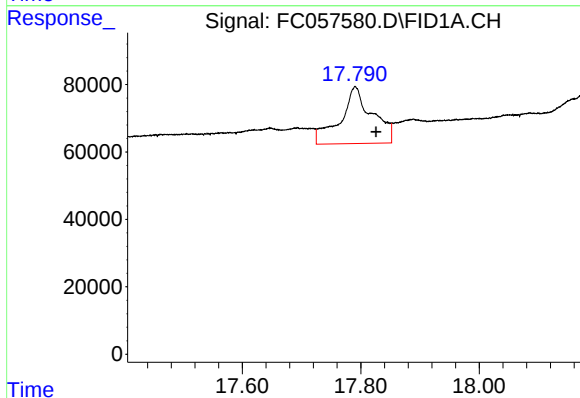
R.T.: 16.119 min
Delta R.T.: 0.012 min
Response: 8958
Conc: 0.07 ug/ml



#17 n-Tricontane (C30)

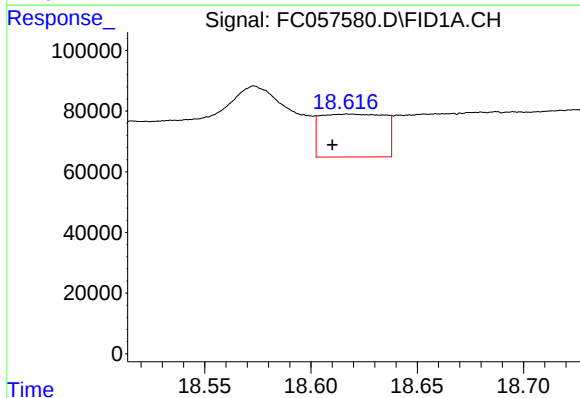
R.T.: 16.958 min
Delta R.T.: -0.035 min
Response: 234327
Conc: 1.71 ug/ml

Instrument :
FID_C
ClientSampleId :



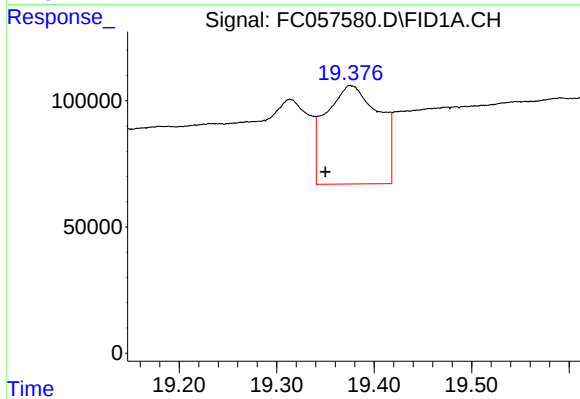
#18 n-Dotriacontane (C32)

R.T.: 17.791 min
Delta R.T.: -0.035 min
Response: 635447
Conc: 4.74 ug/ml



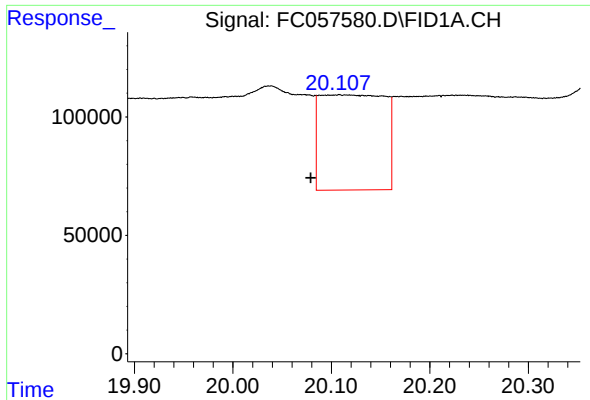
#19 n-Tetratriacontane (C34)

R.T.: 18.618 min
Delta R.T.: 0.008 min
Response: 296716
Conc: 2.28 ug/ml



#20 n-Hexatriacontane (C36)

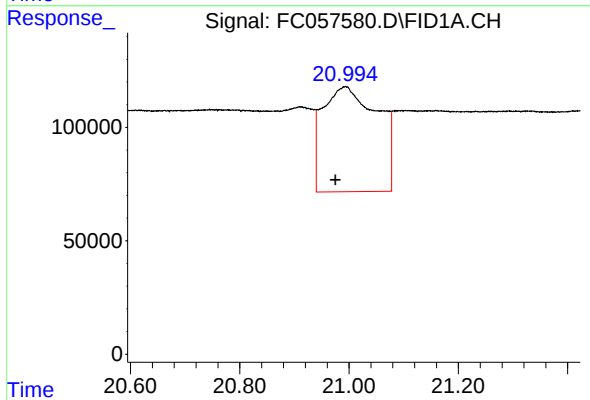
R.T.: 19.376 min
Delta R.T.: 0.026 min
Response: 1486541
Conc: 12.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.108 min
Delta R.T.: 0.029 min
Response: 1834279
Conc: 16.70 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.994 min
Delta R.T.: 0.019 min
Response: 3255281
Conc: 32.60 ug/ml