

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057532.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 16:45
 Operator : AJ\MA
 Sample : M5044-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:28:30 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)	10.822	3136583	22.540 ug/ml
Spiked Amount 50.000		Recovery =	45.08%
12) S 1-chlorooctadecane (S...	12.259	2338280	21.115 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T n-Nonane (C9)	2.715	20937	0.169 ug/ml
2) T n-Decane (C10)	3.706	31220	0.251 ug/ml
3) T A~Naphthalene (C11.7)	5.280	260952	1.881 ug/ml
4) T n-Dodecane (C12)	5.697	121422	0.983 ug/ml
5) T A~2-methylnaphthalene...	6.342	81277	0.581 ug/ml
6) T n-Tetradecane (C14)	7.467	69264	0.559 ug/ml
7) T n-Hexadecane (C16)	9.064	30805	0.246 ug/ml
8) T n-Octadecane (C18)	10.546	9155	0.071 ug/ml
10) T n-Eicosane (C20)	11.857	15625	0.120 ug/ml
11) T n-Heneicosane (C21)	12.443	30881	0.235 ug/ml
13) T n-Docosane (C22)	13.057	34124	0.260 ug/ml
14) T n-Tetracosane (C24)	14.118	4736	0.036 ug/ml
15) T n-Hexacosane (C26)	15.136	24742	0.189 ug/ml
16) T n-Octacosane (C28)	16.083	37018	0.281 ug/ml
17) T n-Tricontane (C30)	16.970	181675	1.329 ug/ml
18) T n-Dotriacontane (C32)	17.803	824722	6.151 ug/ml
19) T n-Tetratriacontane (C34)	18.588	2007015	15.392 ug/ml
20) T n-Hexatriacontane (C36)	19.329	3838214	32.325 ug/ml
21) T n-Octatriacontane (C38)	20.071	1889323	17.202 ug/ml
22) T n-Tetracontane (C40)	20.941	2680183	26.844 ug/ml

(f)=RT Delta > 1/2 Window

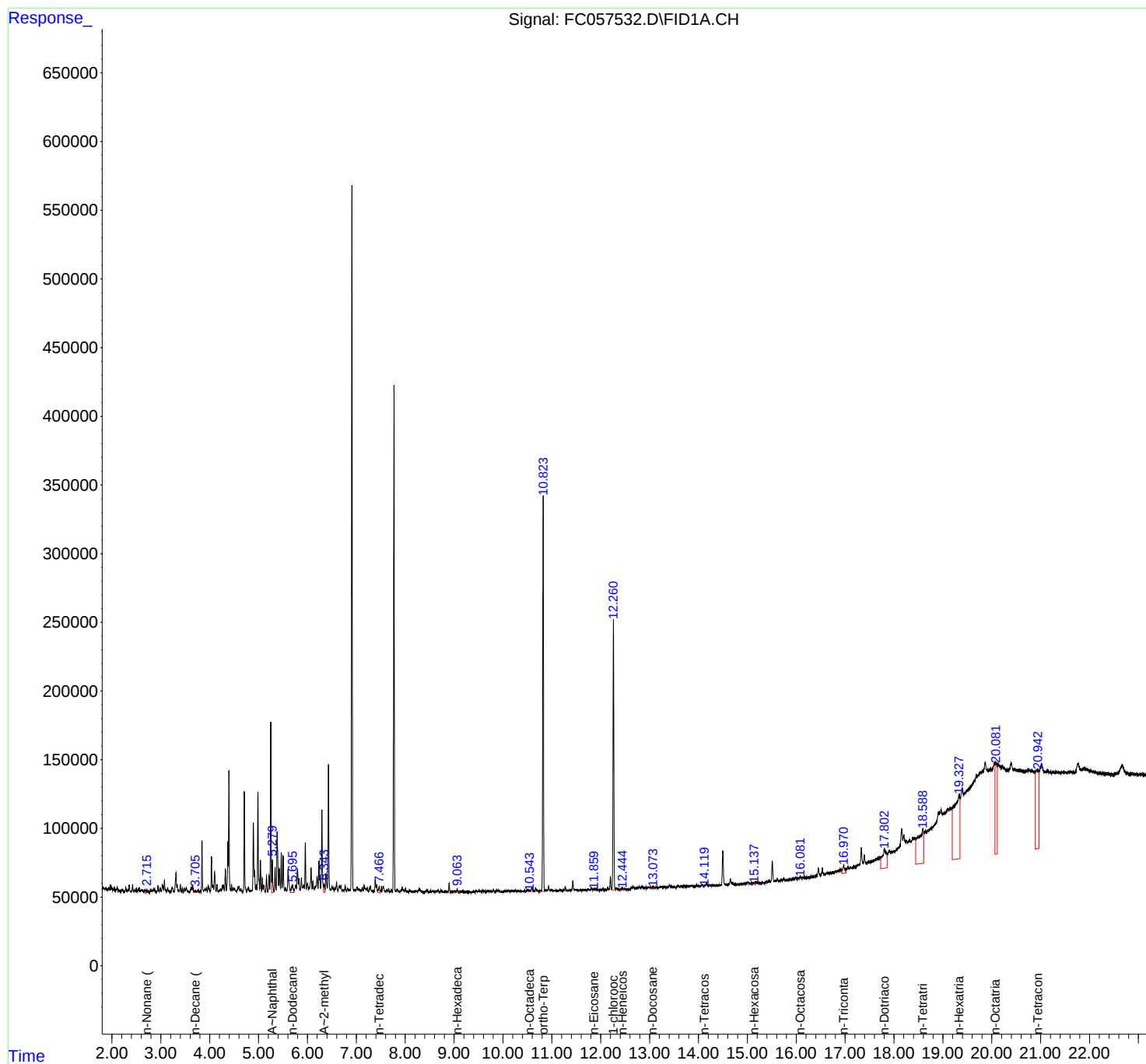
(m)=manual int.

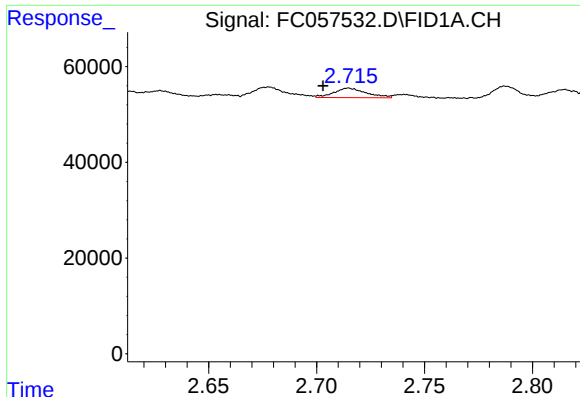
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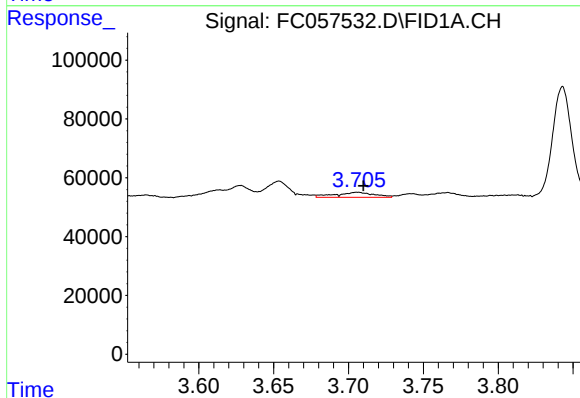




#1 n-Nonane (C9)

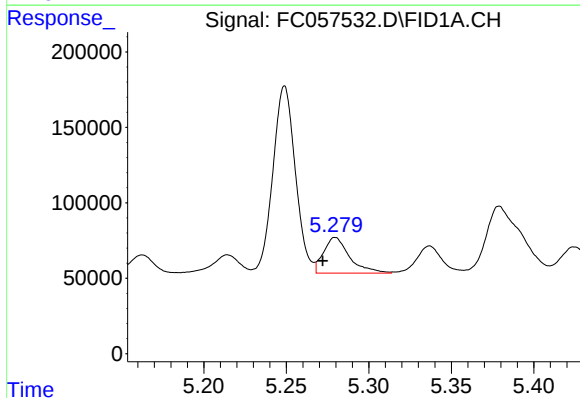
R.T.: 2.715 min
Delta R.T.: 0.012 min
Response: 20937
Conc: 0.17 ug/ml

Instrument :
FID_C
ClientSampleId :



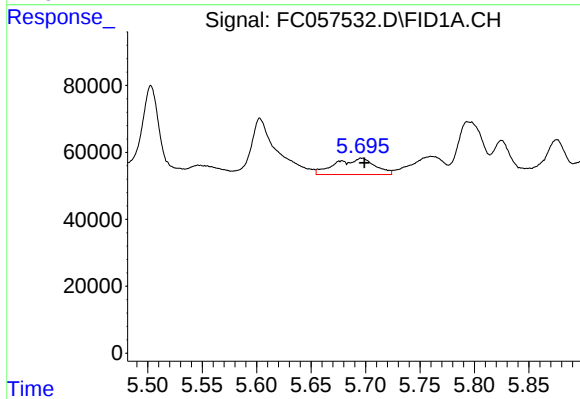
#2 n-Decane (C10)

R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 31220
Conc: 0.25 ug/ml



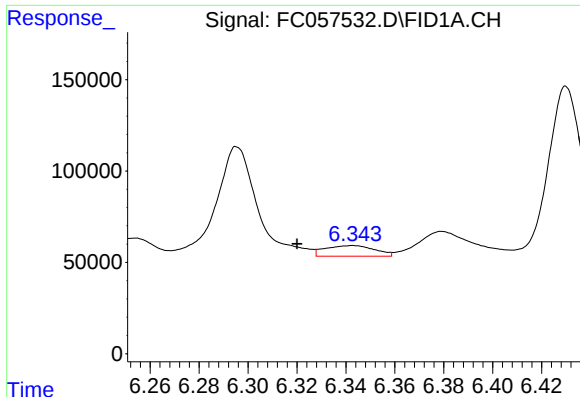
#3 A~Naphthalene (C11.7)

R.T.: 5.280 min
Delta R.T.: 0.008 min
Response: 260952
Conc: 1.88 ug/ml



#4 n-Dodecane (C12)

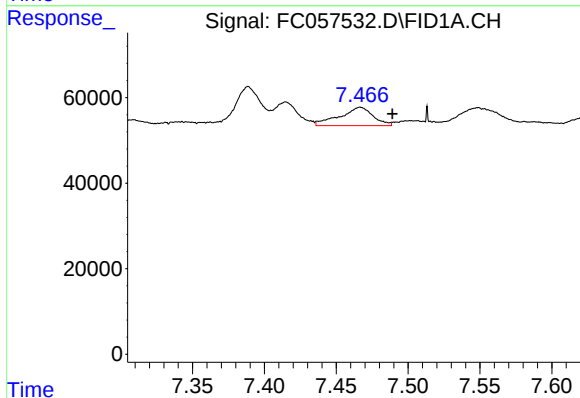
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 121422
Conc: 0.98 ug/ml



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

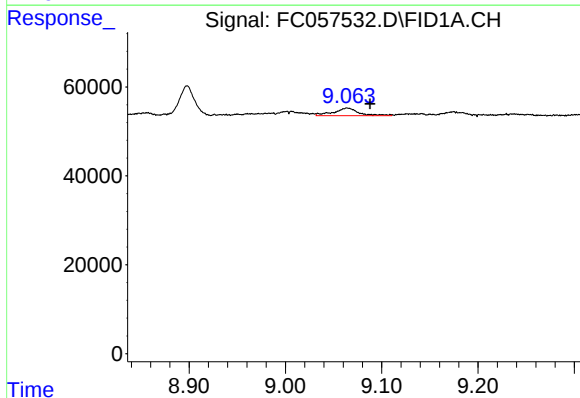
R.T.: 6.342 min
Delta R.T.: 0.022 min
Response: 81277
Conc: 0.58 ug/ml

Instrument :
FID_C
ClientSampleId :



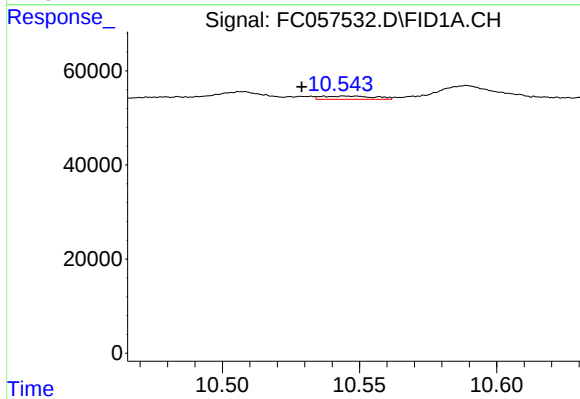
#6 n-Tetradecane (C14)

R.T.: 7.467 min
Delta R.T.: -0.022 min
Response: 69264
Conc: 0.56 ug/ml



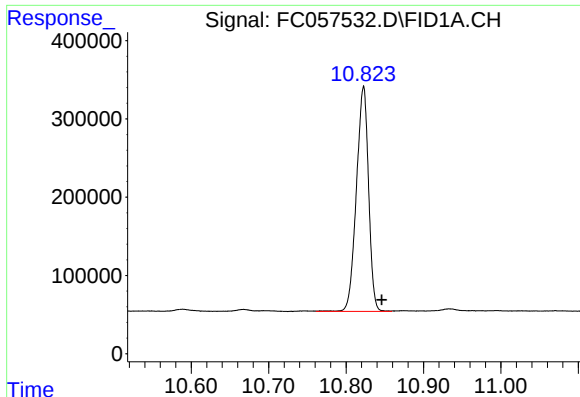
#7 n-Hexadecane (C16)

R.T.: 9.064 min
Delta R.T.: -0.024 min
Response: 30805
Conc: 0.25 ug/ml



#8 n-Octadecane (C18)

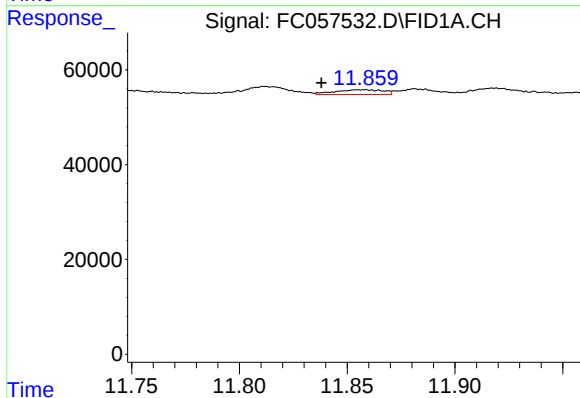
R.T.: 10.546 min
Delta R.T.: 0.017 min
Response: 9155
Conc: 0.07 ug/ml



#9 ortho-Terphenyl (SURR)

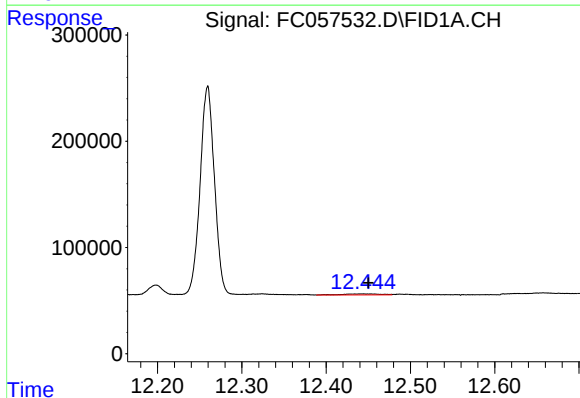
R.T.: 10.822 min
Delta R.T.: -0.024 min
Response: 3136583
Conc: 22.54 ug/ml

Instrument :
FID_C
ClientSampleId :



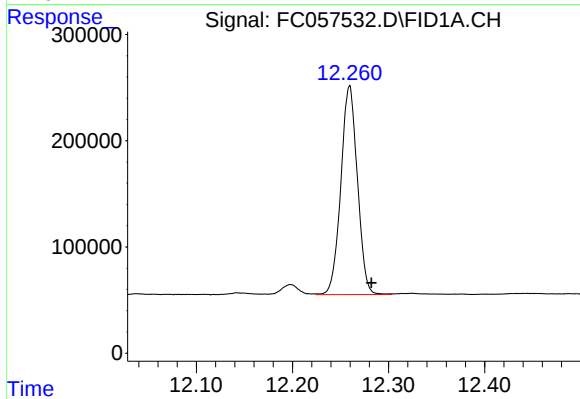
#10 n-Eicosane (C20)

R.T.: 11.857 min
Delta R.T.: 0.019 min
Response: 15625
Conc: 0.12 ug/ml



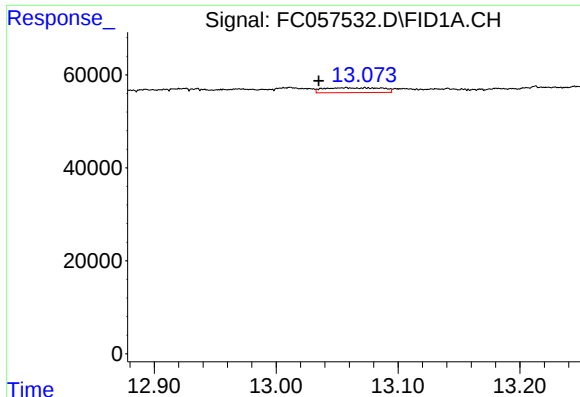
#11 n-Heneicosane (C21)

R.T.: 12.443 min
Delta R.T.: -0.007 min
Response: 30881
Conc: 0.24 ug/ml



#12 1-chlorooctadecane (SURR)

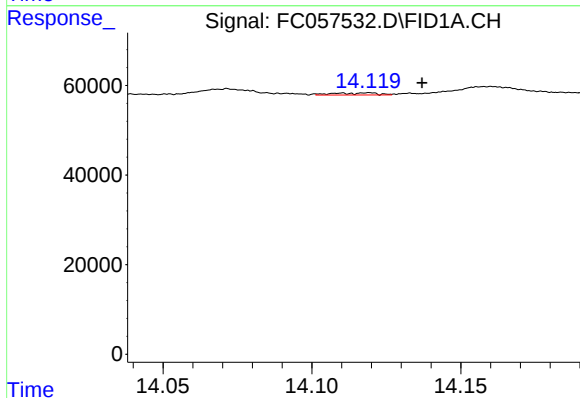
R.T.: 12.259 min
Delta R.T.: -0.023 min
Response: 2338280
Conc: 21.12 ug/ml



#13 n-Docosane (C22)

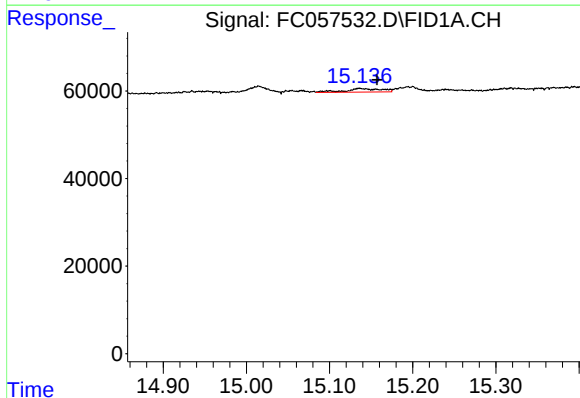
R.T.: 13.057 min
Delta R.T.: 0.022 min
Response: 34124
Conc: 0.26 ug/ml

Instrument :
FID_C
ClientSampleId :



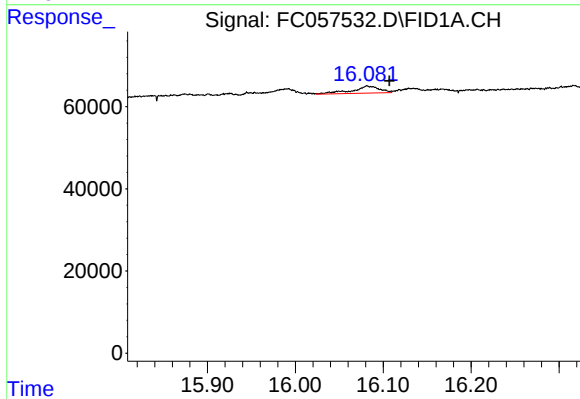
#14 n-Tetracosane (C24)

R.T.: 14.118 min
Delta R.T.: -0.019 min
Response: 4736
Conc: 0.04 ug/ml



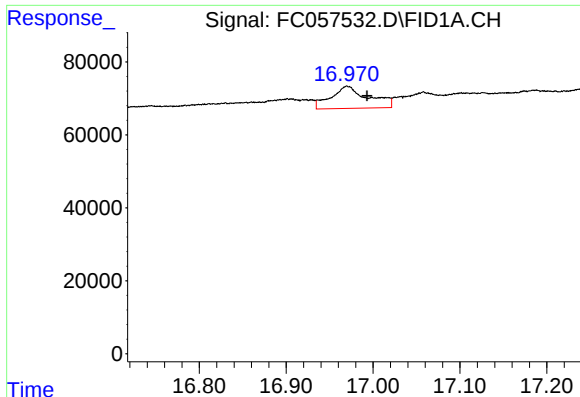
#15 n-Hexacosane (C26)

R.T.: 15.136 min
Delta R.T.: -0.021 min
Response: 24742
Conc: 0.19 ug/ml



#16 n-Octacosane (C28)

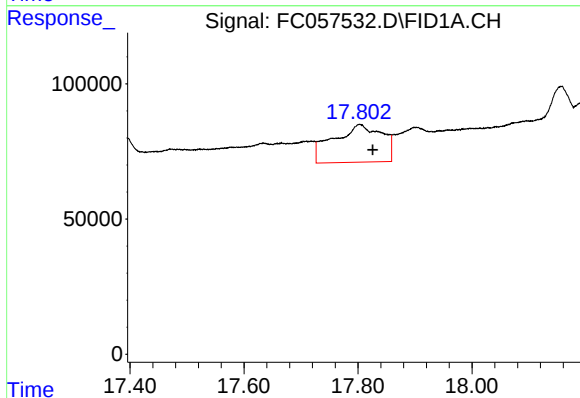
R.T.: 16.083 min
Delta R.T.: -0.024 min
Response: 37018
Conc: 0.28 ug/ml



#17 n-Tricontane (C30)

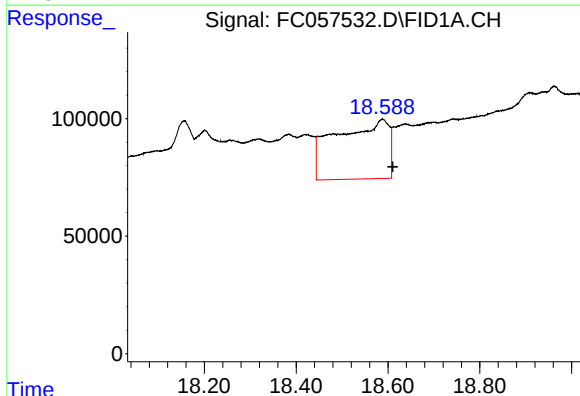
R.T.: 16.970 min
Delta R.T.: -0.023 min
Response: 181675
Conc: 1.33 ug/ml

Instrument :
FID_C
ClientSampleId :



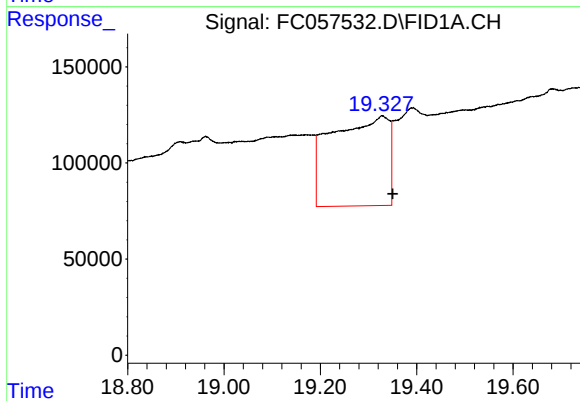
#18 n-Dotriacontane (C32)

R.T.: 17.803 min
Delta R.T.: -0.023 min
Response: 824722
Conc: 6.15 ug/ml



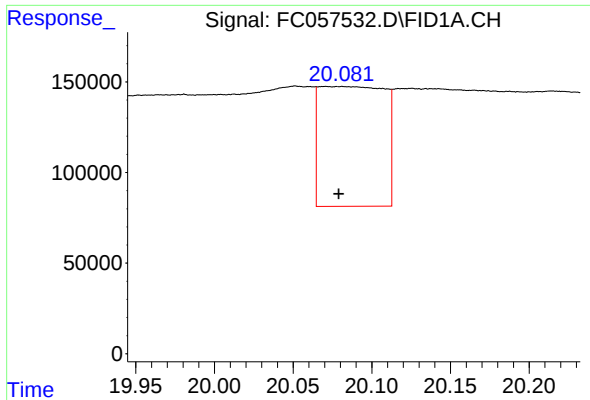
#19 n-Tetratriacontane (C34)

R.T.: 18.588 min
Delta R.T.: -0.022 min
Response: 2007015
Conc: 15.39 ug/ml



#20 n-Hexatriacontane (C36)

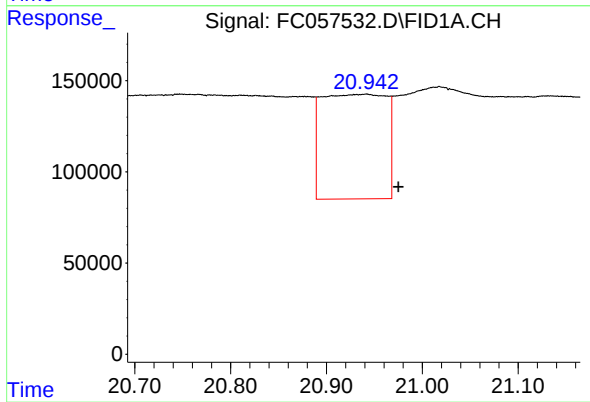
R.T.: 19.329 min
Delta R.T.: -0.021 min
Response: 3838214
Conc: 32.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.071 min
Delta R.T.: -0.008 min
Response: 1889323
Conc: 17.20 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.941 min
Delta R.T.: -0.034 min
Response: 2680183
Conc: 26.84 ug/ml