

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057538.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 20:07
 Operator : AJ\MA
 Sample : M5044-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:30:59 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	5216426	37.486 ug/ml
Spiked Amount 50.000		Recovery =	74.97%
12) S 1-chlorooctadecane (S...	12.259	4412743	39.848 ug/ml
Spiked Amount 50.000		Recovery =	79.70%
Target Compounds			
1) T n-Nonane (C9)	2.711	7168	0.058 ug/ml
2) T n-Decane (C10)	3.688	11228	0.090 ug/ml
3) T A~Naphthalene (C11.7)	5.248	40255	0.290 ug/ml
4) T n-Dodecane (C12)	5.703	4282	0.035 ug/ml
5) T A~2-methylnaphthalene...	6.332	10217	0.073 ug/ml
6) T n-Tetradecane (C14)	7.466	54514	0.440 ug/ml
7) T n-Hexadecane (C16)	9.065	27316	0.218 ug/ml
8) T n-Octadecane (C18)	10.544	11603	0.090 ug/ml
10) T n-Eicosane (C20)	11.852	15821	0.122 ug/ml
11) T n-Heneicosane (C21)	12.449	43262	0.330 ug/ml
13) T n-Docosane (C22)	13.005	15178	0.115 ug/ml
14) T n-Tetracosane (C24)	14.158	44820	0.337 ug/ml
15) T n-Hexacosane (C26)	15.132	26800	0.204 ug/ml
16) T n-Octacosane (C28)	16.130	53353	0.406 ug/ml
17) T n-Tricontane (C30)	16.968	63383	0.464 ug/ml
18) T n-Dotriacontane (C32)	17.798	30627	0.228 ug/ml
20) T n-Hexatriacontane (C36)	19.324	1232460	10.380 ug/ml
21) T n-Octatriacontane (C38)	20.101	5853598	53.296 ug/ml
22) T n-Tetracontane (C40)	21.012	756977	7.582 ug/ml

(f)=RT Delta > 1/2 Window

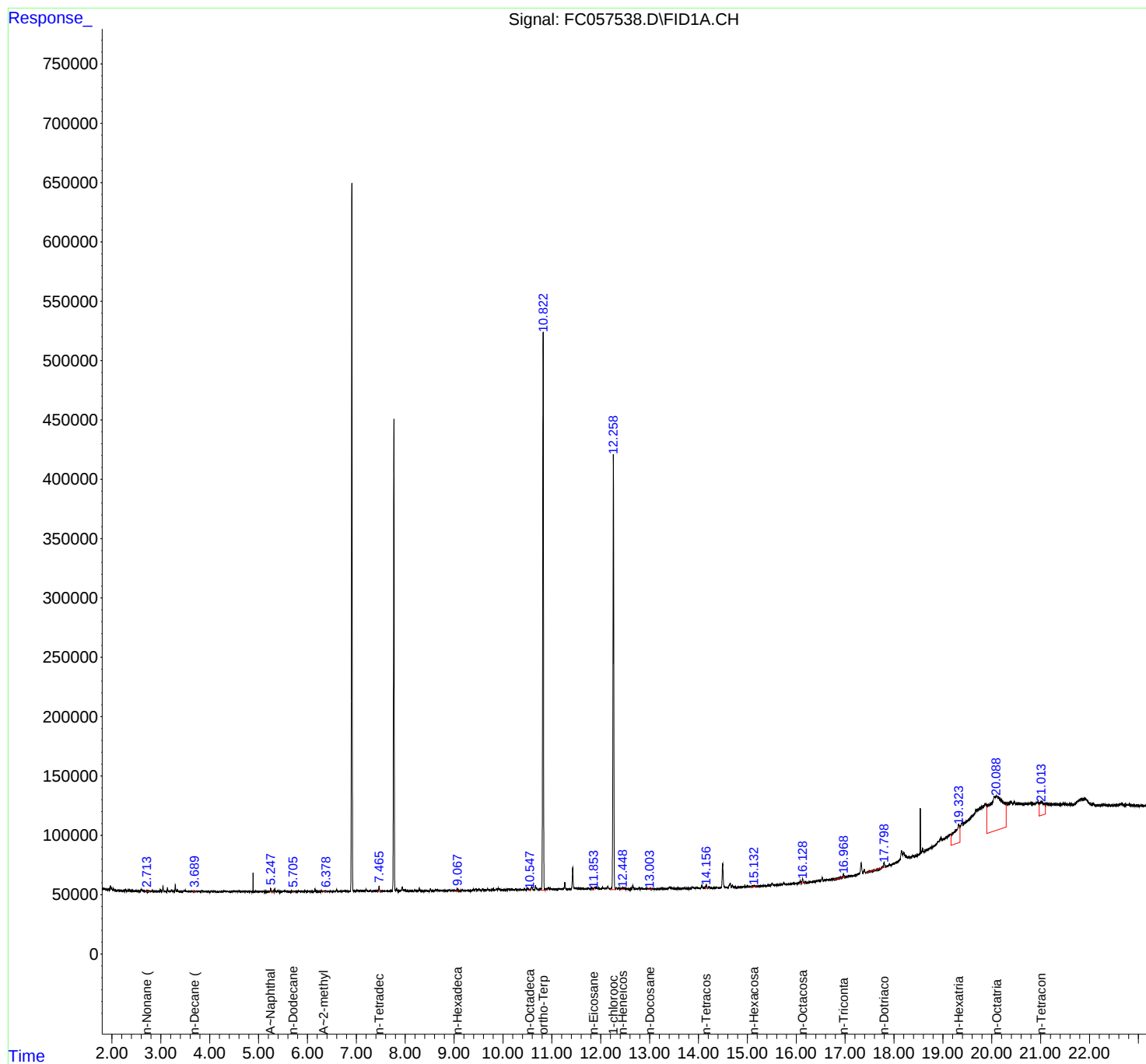
(m)=manual int.

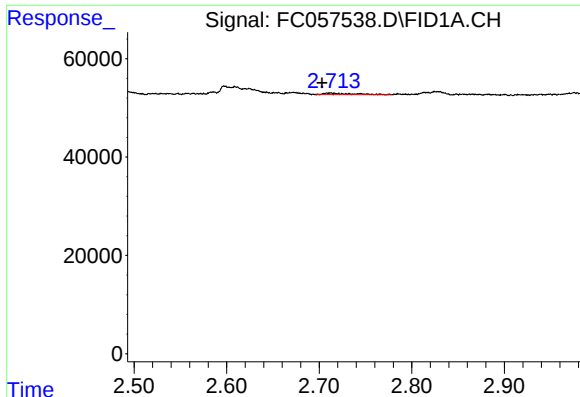
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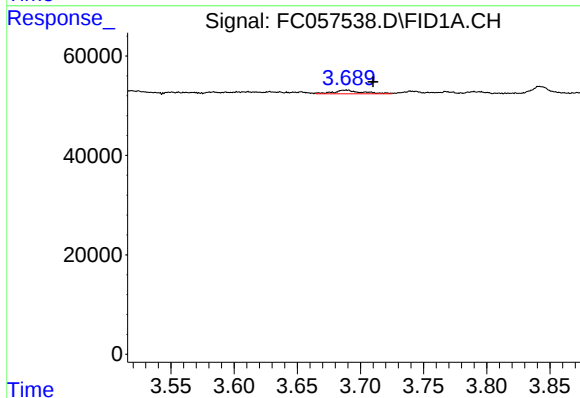




#1 n-Nonane (C9)

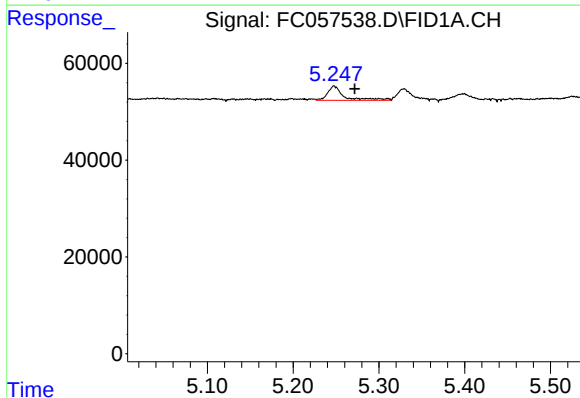
R.T.: 2.711 min
Delta R.T.: 0.008 min
Response: 7168
Conc: 0.06 ug/ml

Instrument :
FID_C
ClientSampleId :



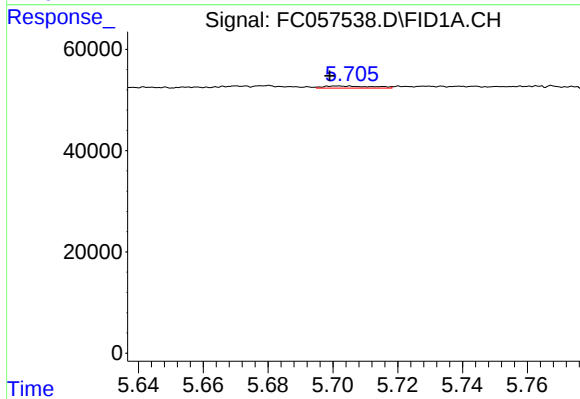
#2 n-Decane (C10)

R.T.: 3.688 min
Delta R.T.: -0.022 min
Response: 11228
Conc: 0.09 ug/ml



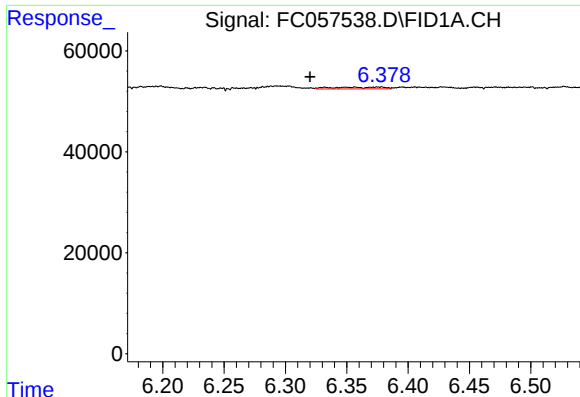
#3 A~Naphthalene (C11.7)

R.T.: 5.248 min
Delta R.T.: -0.024 min
Response: 40255
Conc: 0.29 ug/ml



#4 n-Dodecane (C12)

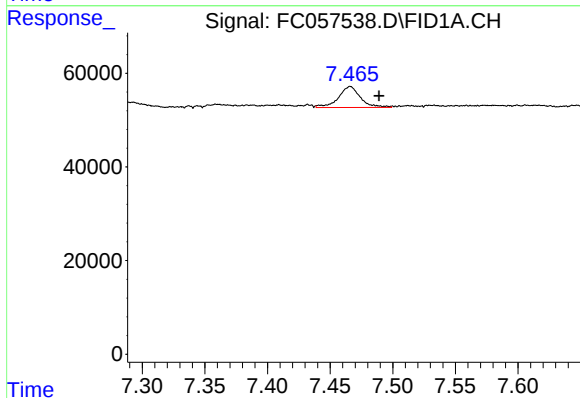
R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 4282
Conc: 0.03 ug/ml



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

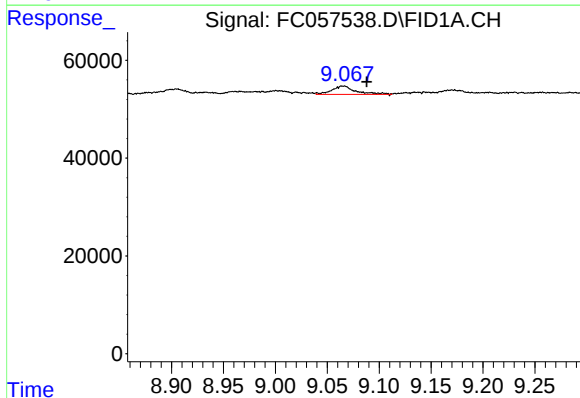
R.T.: 6.332 min
Delta R.T.: 0.012 min
Response: 10217
Conc: 0.07 ug/ml

Instrument :
FID_C
ClientSampleId :



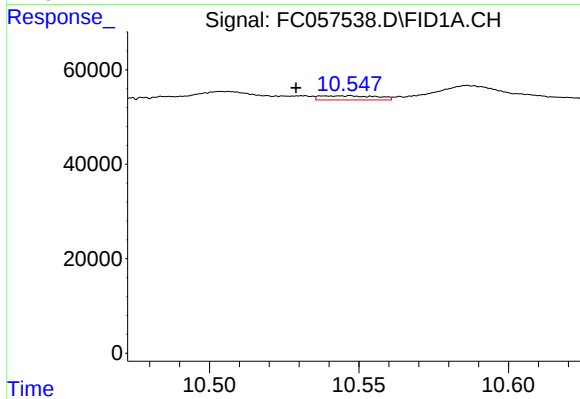
#6 n-Tetradecane (C14)

R.T.: 7.466 min
Delta R.T.: -0.023 min
Response: 54514
Conc: 0.44 ug/ml



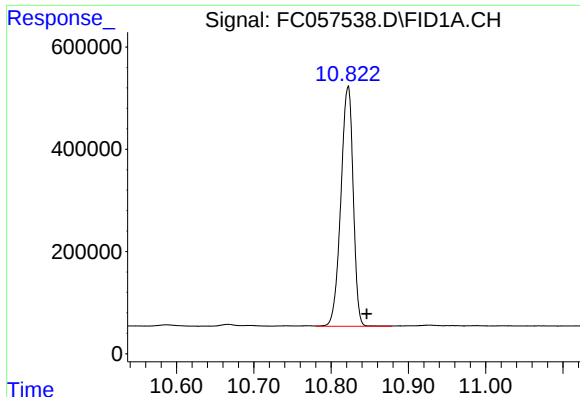
#7 n-Hexadecane (C16)

R.T.: 9.065 min
Delta R.T.: -0.023 min
Response: 27316
Conc: 0.22 ug/ml



#8 n-Octadecane (C18)

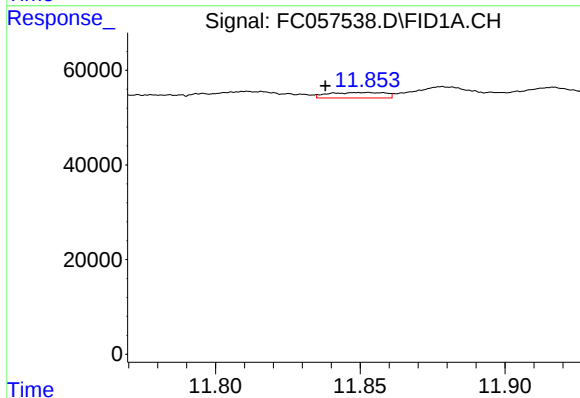
R.T.: 10.544 min
Delta R.T.: 0.015 min
Response: 11603
Conc: 0.09 ug/ml



#9 ortho-Terphenyl (SURR)

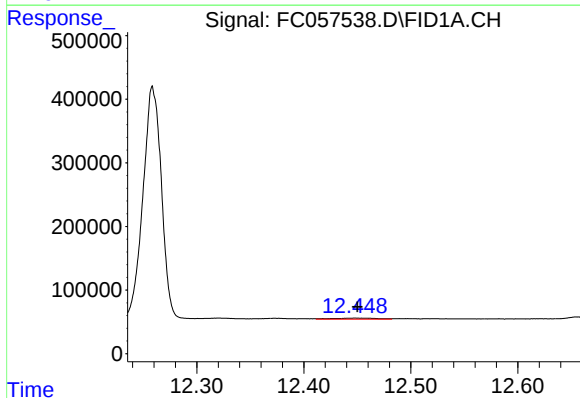
R.T.: 10.822 min
Delta R.T.: -0.024 min
Response: 5216426
Conc: 37.49 ug/ml

Instrument :
FID_C
ClientSampleId :



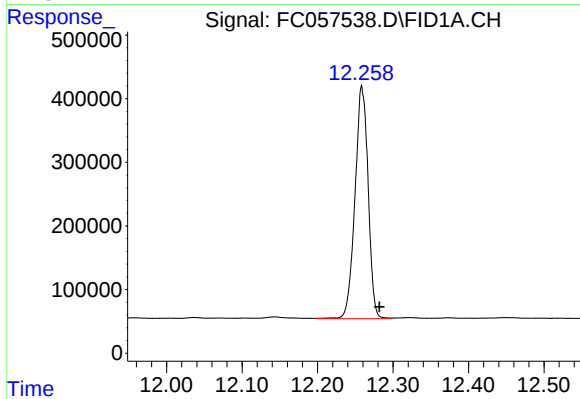
#10 n-Eicosane (C20)

R.T.: 11.852 min
Delta R.T.: 0.014 min
Response: 15821
Conc: 0.12 ug/ml



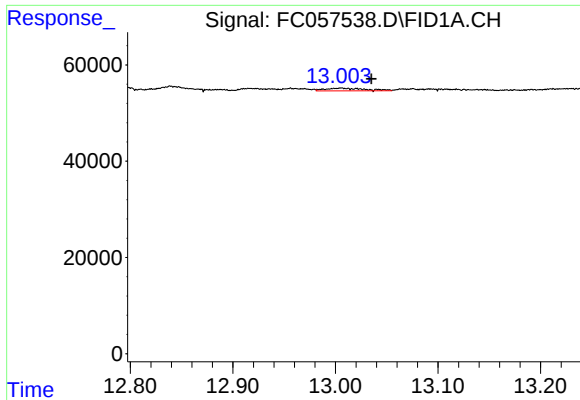
#11 n-Heneicosane (C21)

R.T.: 12.449 min
Delta R.T.: -0.001 min
Response: 43262
Conc: 0.33 ug/ml



#12 1-chlorooctadecane (SURR)

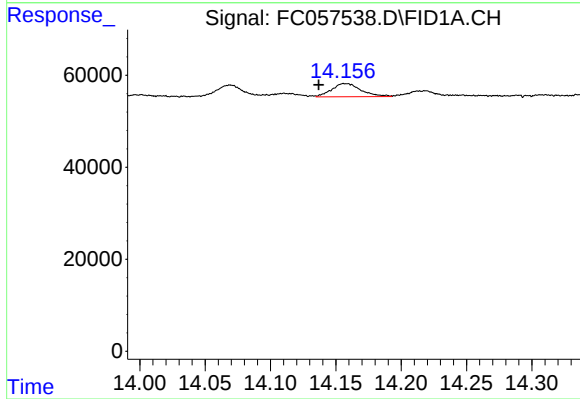
R.T.: 12.259 min
Delta R.T.: -0.023 min
Response: 4412743
Conc: 39.85 ug/ml



#13 n-Docosane (C22)

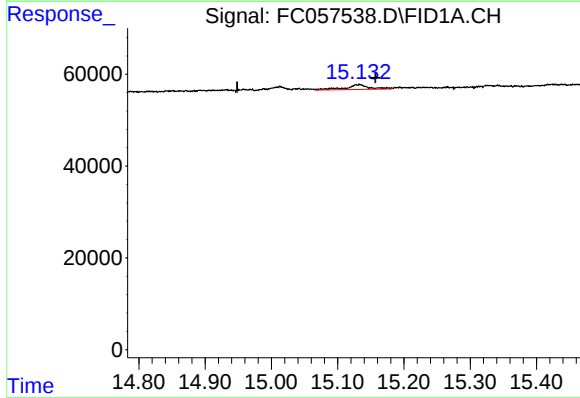
R.T.: 13.005 min
Delta R.T.: -0.030 min
Response: 15178
Conc: 0.12 ug/ml

Instrument :
FID_C
ClientSampleId :



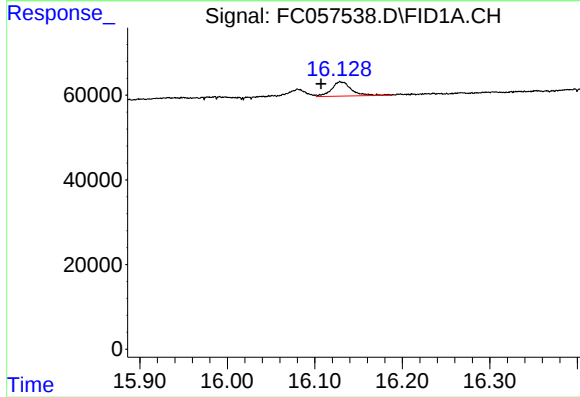
#14 n-Tetracosane (C24)

R.T.: 14.158 min
Delta R.T.: 0.021 min
Response: 44820
Conc: 0.34 ug/ml



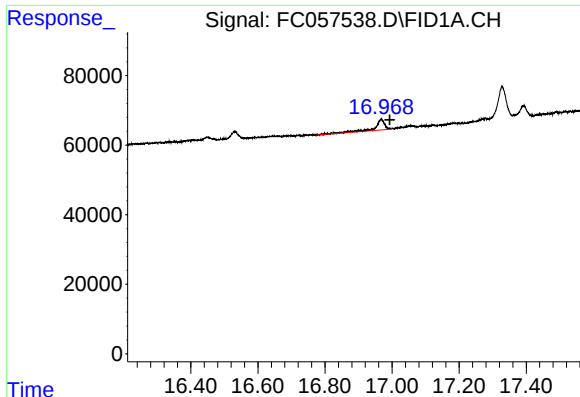
#15 n-Hexacosane (C26)

R.T.: 15.132 min
Delta R.T.: -0.025 min
Response: 26800
Conc: 0.20 ug/ml



#16 n-Octacosane (C28)

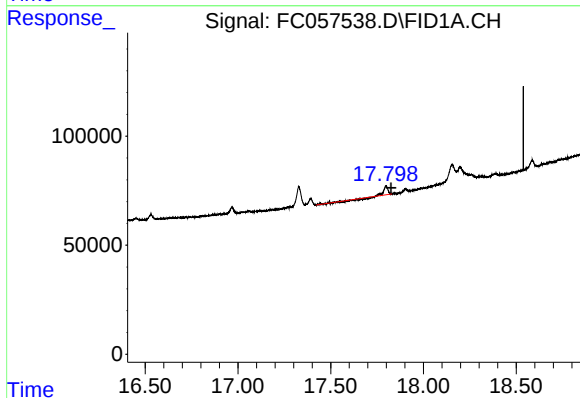
R.T.: 16.130 min
Delta R.T.: 0.023 min
Response: 53353
Conc: 0.41 ug/ml



#17 n-Tricontane (C30)

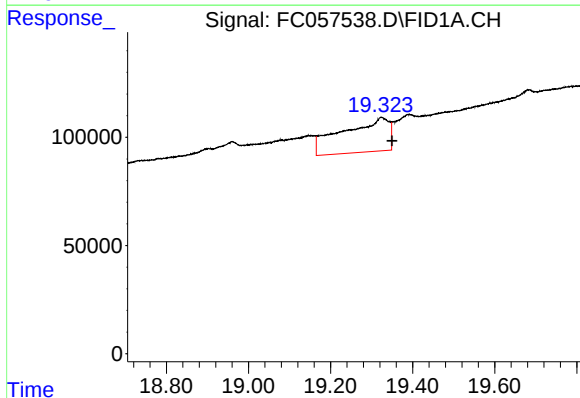
R.T.: 16.968 min
Delta R.T.: -0.025 min
Response: 63383
Conc: 0.46 ug/ml

Instrument :
FID_C
ClientSampleId :



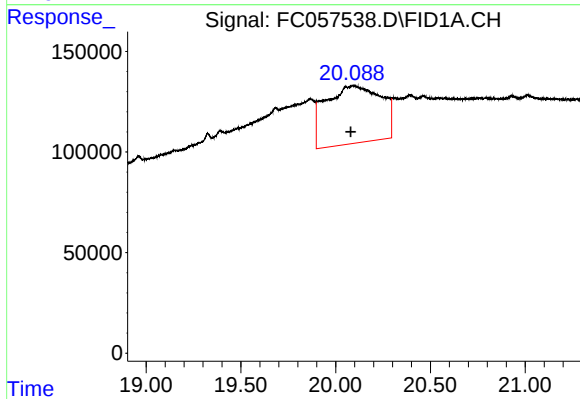
#18 n-Dotriacontane (C32)

R.T.: 17.798 min
Delta R.T.: -0.028 min
Response: 30627
Conc: 0.23 ug/ml



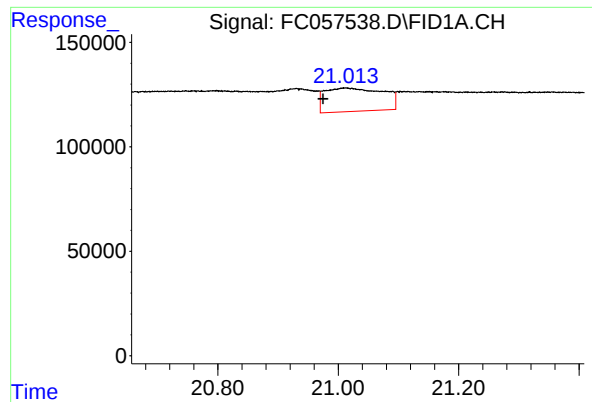
#20 n-Hexatriacontane (C36)

R.T.: 19.324 min
Delta R.T.: -0.026 min
Response: 1232460
Conc: 10.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.101 min
Delta R.T.: 0.022 min
Response: 5853598
Conc: 53.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.012 min
Delta R.T.: 0.037 min
Response: 756977
Conc: 7.58 ug/ml

Instrument :

FID_C

ClientSampleId :