

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057555.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 5:40
 Operator : AJ\MA
 Sample : M5087-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 08:13:06 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)	10.819	4922939	35.377 ug/ml
Spiked Amount 50.000		Recovery =	70.75%
12) S 1-chlorooctadecane (S...	12.257	3775266	34.091 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
Target Compounds			
1) T n-Nonane (C9)	2.707	6180	0.050 ug/ml
2) T n-Decane (C10)	3.734	12648	0.102 ug/ml
3) T A~Naphthalene (C11.7)	5.291	15681	0.113 ug/ml
4) T n-Dodecane (C12)	5.674	26066	0.211 ug/ml
5) T A~2-methylnaphthalene...	6.331	12135	0.087 ug/ml
6) T n-Tetradecane (C14)	7.462	53422	0.431 ug/ml
7) T n-Hexadecane (C16)	9.062	205384	1.638 ug/ml
8) T n-Octadecane (C18)	10.529	60601	0.468 ug/ml
10) T n-Eicosane (C20)	11.857	2436329	18.754 ug/ml
11) T n-Heneicosane (C21)	12.423	448262	3.416 ug/ml
13) T n-Docosane (C22)	13.016	707318	5.381 ug/ml
14) T n-Tetracosane (C24)	14.114	179668	1.351 ug/ml
15) T n-Hexacosane (C26)	15.136	385572	2.940 ug/ml
16) T n-Octacosane (C28)	16.093	719134	5.469 ug/ml
17) T n-Tricontane (C30)	17.011	953276	6.975 ug/ml
18) T n-Dotriacontane (C32)	17.808	2774142	20.690 ug/ml
19) T n-Tetratriacontane (C34)	18.613	4085663	31.333 ug/ml
20) T n-Hexatriacontane (C36)	19.335	6607882	55.650 ug/ml
21) T n-Octatriacontane (C38)	20.063	6643601	60.489 ug/ml
22) T n-Tetracontane (C40)	20.956	1921519	19.245 ug/ml

(f)=RT Delta > 1/2 Window

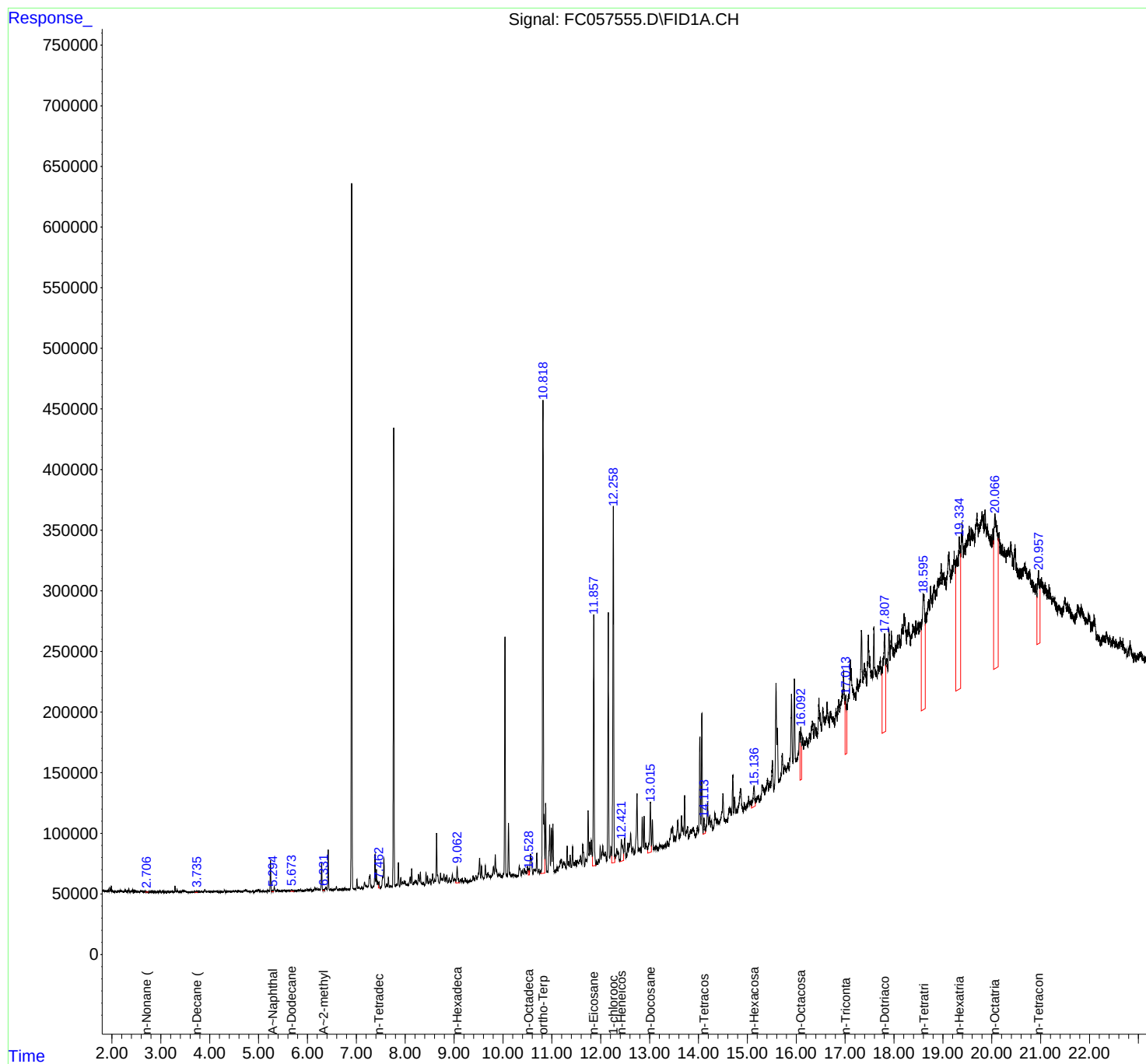
(m)=manual int.

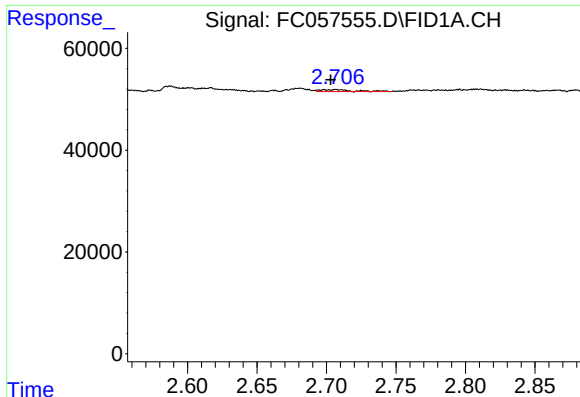
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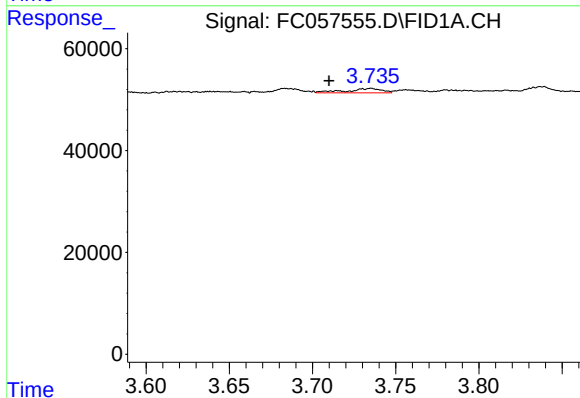




#1 n-Nonane (C9)

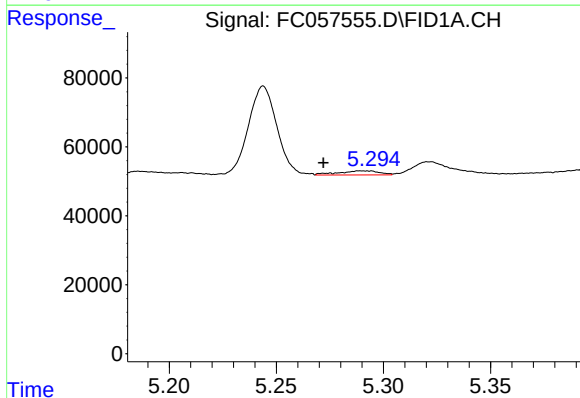
R.T.: 2.707 min
Delta R.T.: 0.004 min
Response: 6180
Conc: 0.05 ug/ml

Instrument :
FID_C
ClientSampleId :



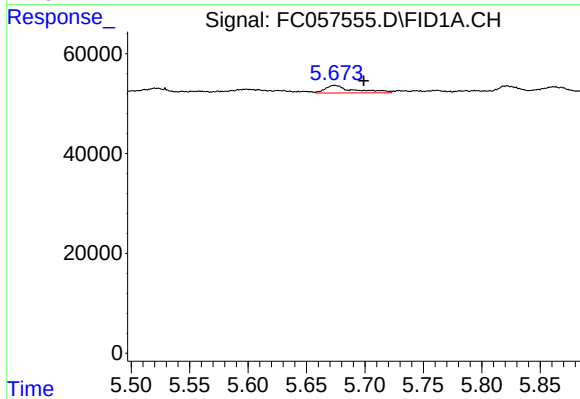
#2 n-Decane (C10)

R.T.: 3.734 min
Delta R.T.: 0.024 min
Response: 12648
Conc: 0.10 ug/ml



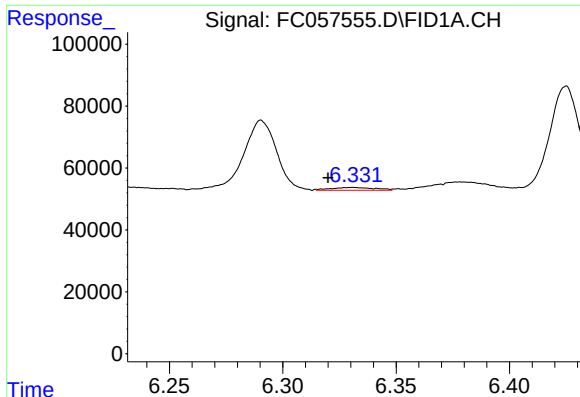
#3 A~Naphthalene (C11.7)

R.T.: 5.291 min
Delta R.T.: 0.019 min
Response: 15681
Conc: 0.11 ug/ml



#4 n-Dodecane (C12)

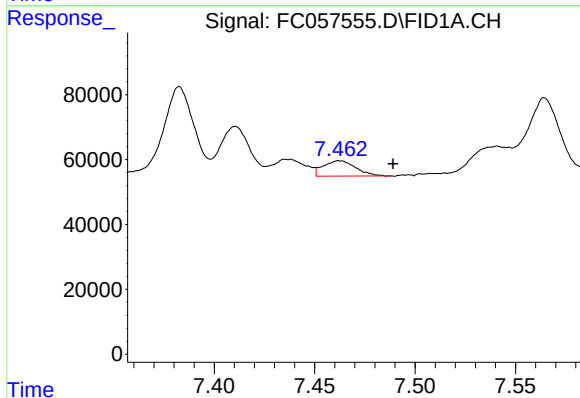
R.T.: 5.674 min
Delta R.T.: -0.025 min
Response: 26066
Conc: 0.21 ug/ml



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

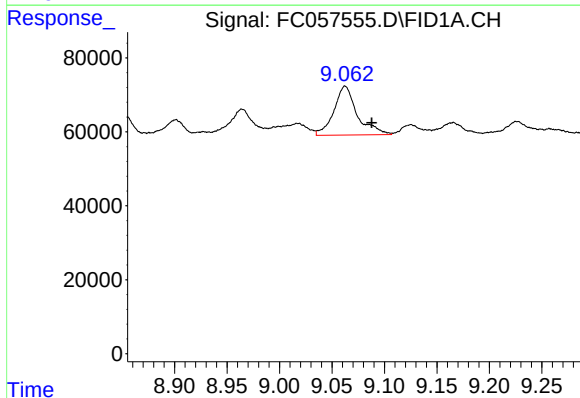
R.T.: 6.331 min
Delta R.T.: 0.011 min
Response: 12135
Conc: 0.09 ug/ml

Instrument :
FID_C
ClientSampleId :



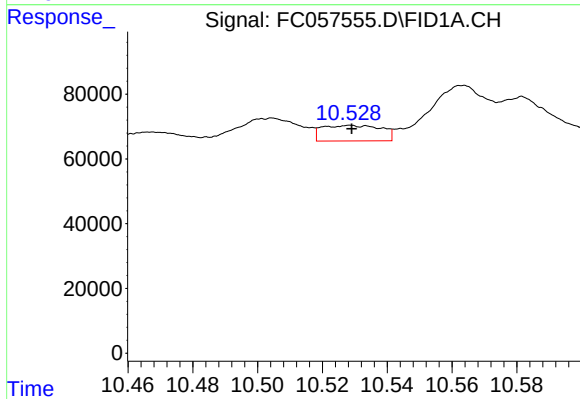
#6 n-Tetradecane (C14)

R.T.: 7.462 min
Delta R.T.: -0.027 min
Response: 53422
Conc: 0.43 ug/ml



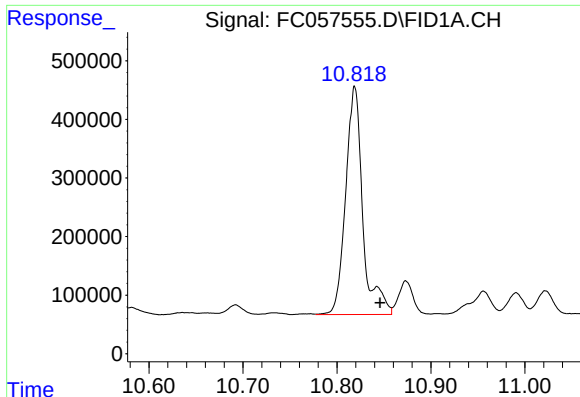
#7 n-Hexadecane (C16)

R.T.: 9.062 min
Delta R.T.: -0.026 min
Response: 205384
Conc: 1.64 ug/ml



#8 n-Octadecane (C18)

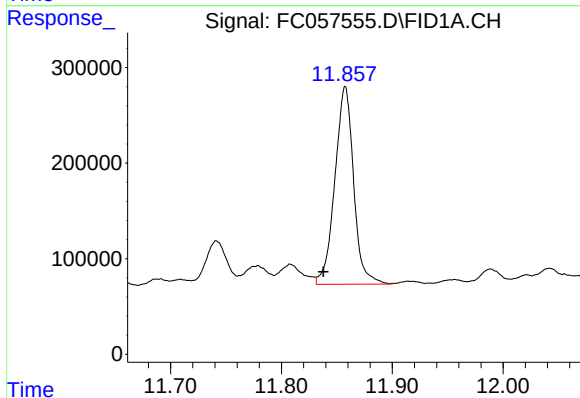
R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 60601
Conc: 0.47 ug/ml



#9 ortho-Terphenyl (SURR)

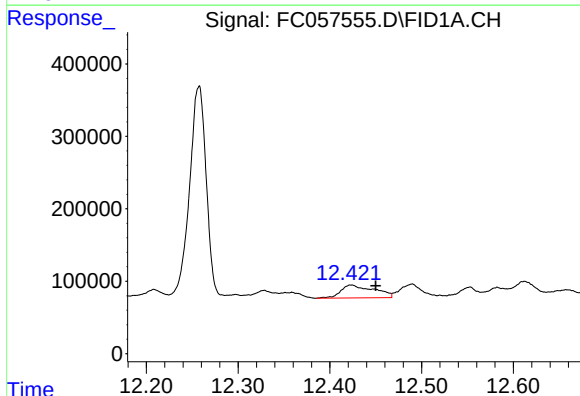
R.T.: 10.819 min
Delta R.T.: -0.027 min
Response: 4922939
Conc: 35.38 ug/ml

Instrument :
FID_C
ClientSampleId :



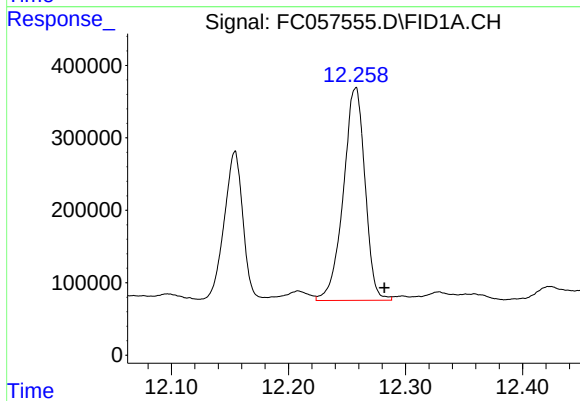
#10 n-Eicosane (C20)

R.T.: 11.857 min
Delta R.T.: 0.019 min
Response: 2436329
Conc: 18.75 ug/ml



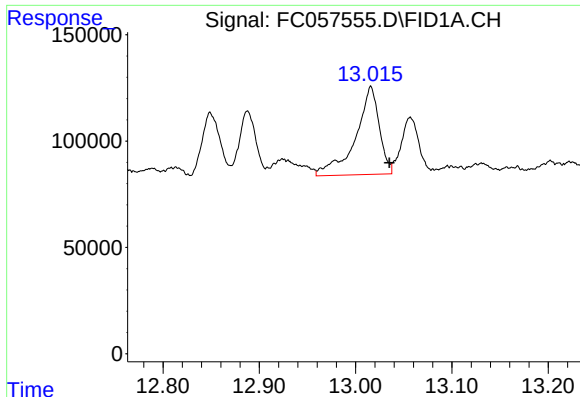
#11 n-Heneicosane (C21)

R.T.: 12.423 min
Delta R.T.: -0.027 min
Response: 448262
Conc: 3.42 ug/ml



#12 1-chlorooctadecane (SURR)

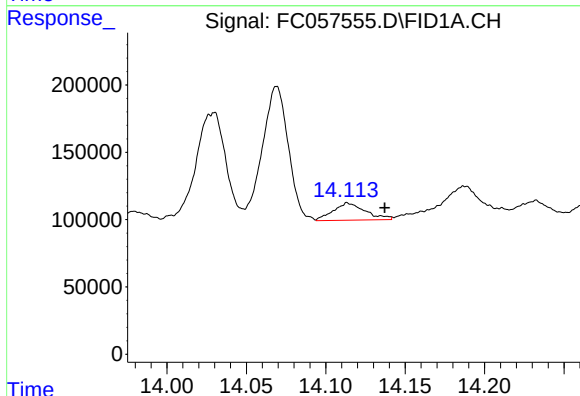
R.T.: 12.257 min
Delta R.T.: -0.025 min
Response: 3775266
Conc: 34.09 ug/ml



#13 n-Docosane (C22)

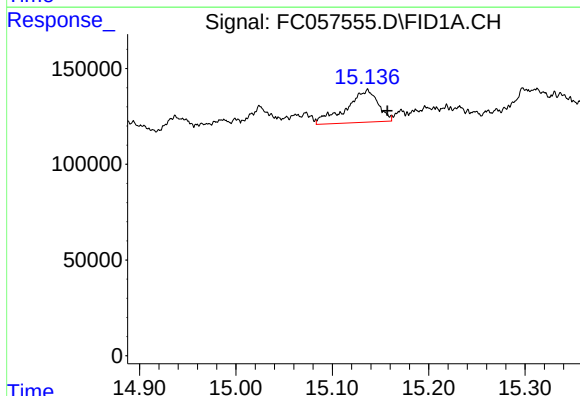
R.T.: 13.016 min
Delta R.T.: -0.019 min
Response: 707318
Conc: 5.38 ug/ml

Instrument :
FID_C
ClientSampleId :



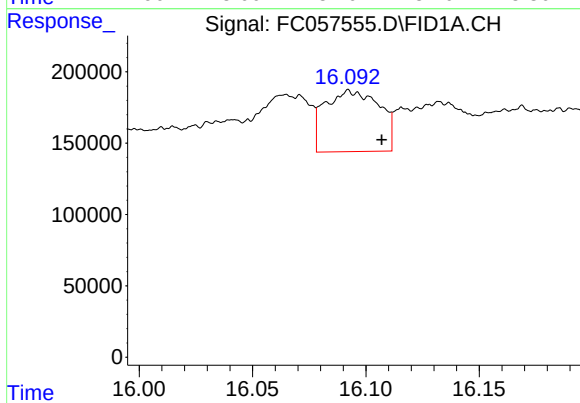
#14 n-Tetracosane (C24)

R.T.: 14.114 min
Delta R.T.: -0.023 min
Response: 179668
Conc: 1.35 ug/ml



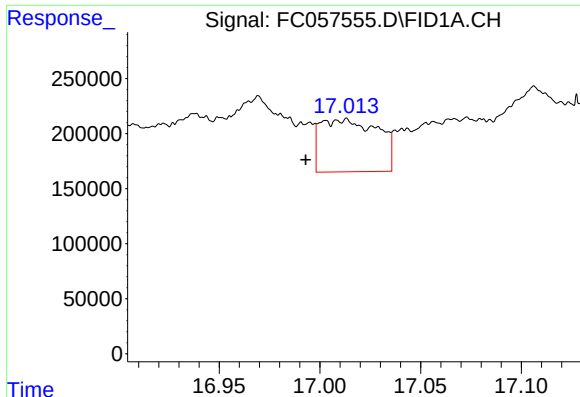
#15 n-Hexacosane (C26)

R.T.: 15.136 min
Delta R.T.: -0.021 min
Response: 385572
Conc: 2.94 ug/ml



#16 n-Octacosane (C28)

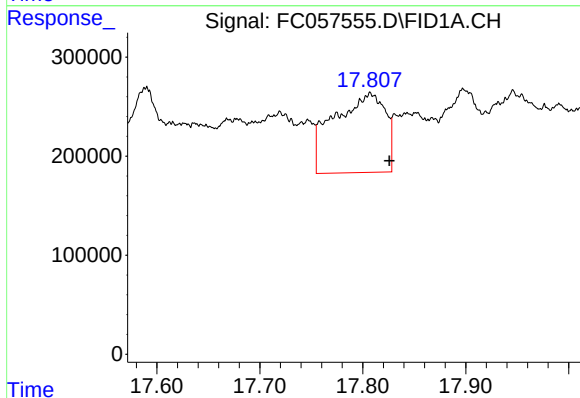
R.T.: 16.093 min
Delta R.T.: -0.014 min
Response: 719134
Conc: 5.47 ug/ml



#17 n-Tricontane (C30)

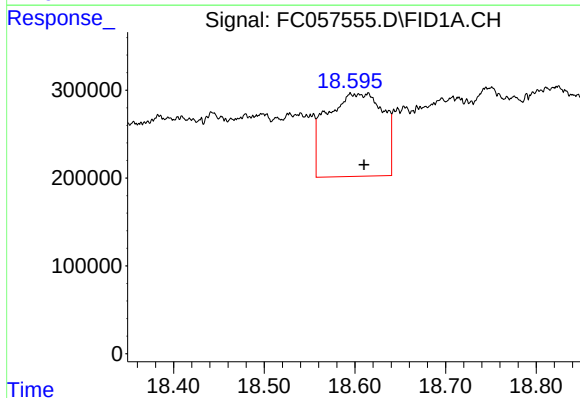
R.T.: 17.011 min
Delta R.T.: 0.018 min
Response: 953276
Conc: 6.98 ug/ml

Instrument :
FID_C
ClientSampleId :



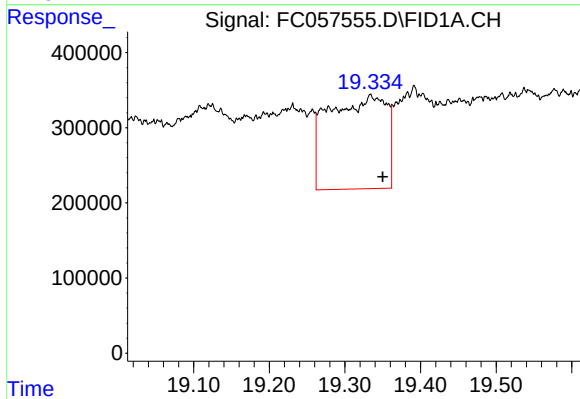
#18 n-Dotriacontane (C32)

R.T.: 17.808 min
Delta R.T.: -0.018 min
Response: 2774142
Conc: 20.69 ug/ml



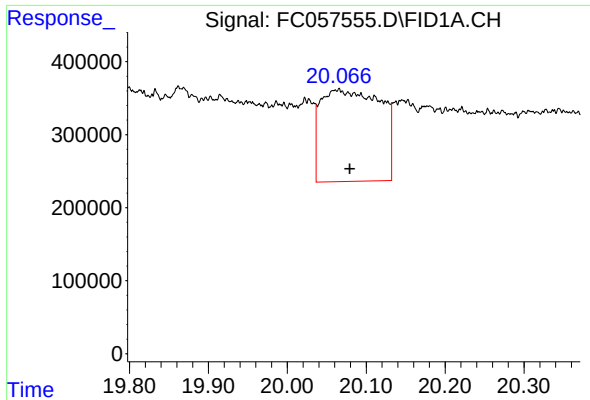
#19 n-Tetratriacontane (C34)

R.T.: 18.613 min
Delta R.T.: 0.003 min
Response: 4085663
Conc: 31.33 ug/ml



#20 n-Hexatriacontane (C36)

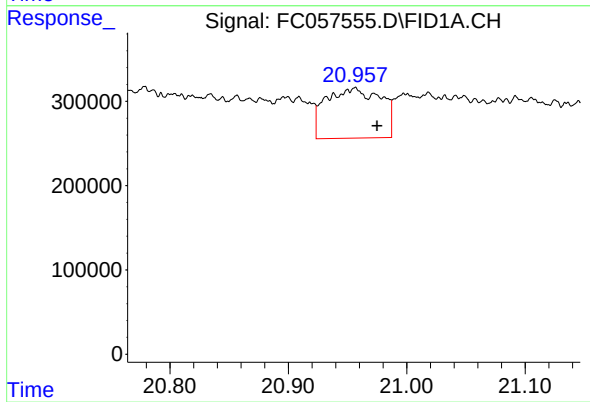
R.T.: 19.335 min
Delta R.T.: -0.015 min
Response: 6607882
Conc: 55.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.063 min
Delta R.T.: -0.016 min
Response: 6643601
Conc: 60.49 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.956 min
Delta R.T.: -0.019 min
Response: 1921519
Conc: 19.25 ug/ml