

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057577.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 18:27
 Operator : AJ\MA
 Sample : M5044-03DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:32:39 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)	10.869	2330893	16.750 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
12) S 1-chlorooctadecane (S...	12.301	3393362	30.643 ug/ml
Spiked Amount 50.000		Recovery =	61.29%
Target Compounds			
1) T n-Nonane (C9)	2.707	38520	0.312 ug/ml
2) T n-Decane (C10)	3.695	114232	0.917 ug/ml
3) T A~Naphthalene (C11.7)	5.246	1887712	13.607 ug/ml
4) T n-Dodecane (C12)	5.689	726335	5.882 ug/ml
5) T A~2-methylnaphthalene...	6.328	1130842	8.086 ug/ml
6) T n-Tetradecane (C14)	7.506	2566210	20.724 ug/ml
7) T n-Hexadecane (C16)	9.089	1241307	9.900 ug/ml
8) T n-Octadecane (C18)	10.519	4041849	31.226 ug/ml
10) T n-Eicosane (C20)	11.850	1727535	13.298 ug/ml
11) T n-Heneicosane (C21)	12.434	2650584	20.196 ug/ml
13) T n-Docosane (C22)	13.051	1300976	9.898 ug/ml
14) T n-Tetracosane (C24)	14.112	858674	6.456 ug/ml
15) T n-Hexacosane (C26)	15.165	174301	1.329 ug/ml
16) T n-Octacosane (C28)	16.115	8935	0.068 ug/ml
17) T n-Tricontane (C30)	16.959	172873	1.265 ug/ml
18) T n-Dotriacontane (C32)	17.792	695039	5.184 ug/ml
19) T n-Tetratriacontane (C34)	18.576	1251443	9.597 ug/ml
20) T n-Hexatriacontane (C36)	19.377	1425232	12.003 ug/ml
21) T n-Octatriacontane (C38)	20.086	599096	5.455 ug/ml
22) T n-Tetracontane (C40)	20.993	3106177	31.111 ug/ml

(f)=RT Delta > 1/2 Window

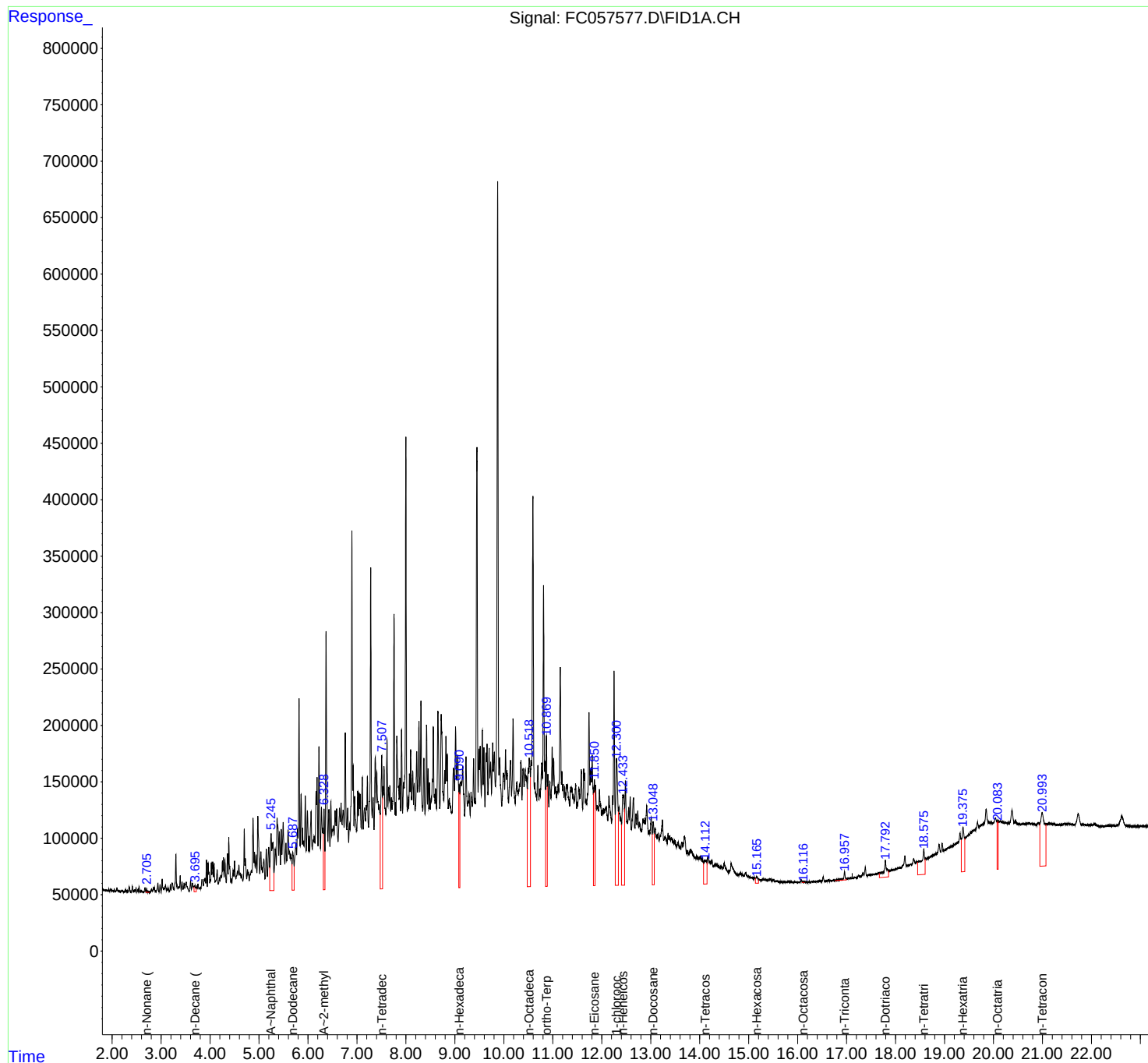
(m)=manual int.

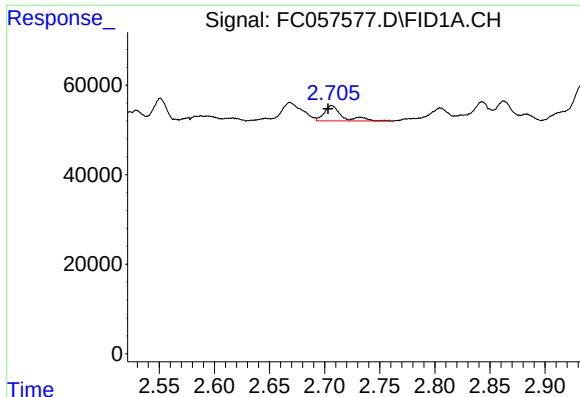
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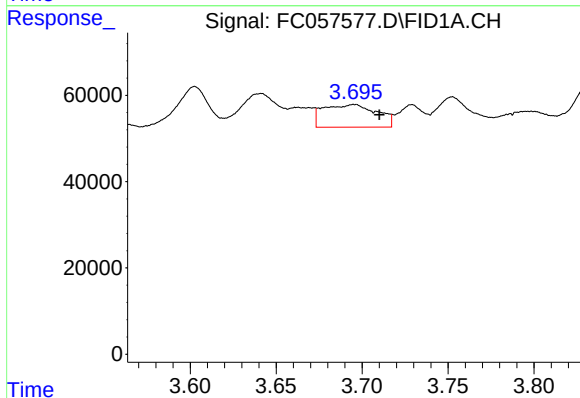




#1 n-Nonane (C9)

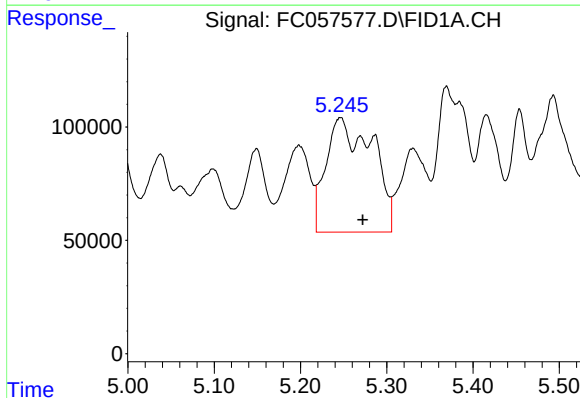
R.T.: 2.707 min
Delta R.T.: 0.004 min
Response: 38520
Conc: 0.31 ug/ml

Instrument :
FID_C
ClientSampleId :



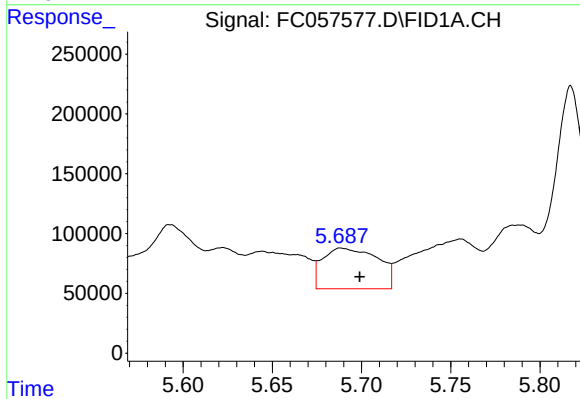
#2 n-Decane (C10)

R.T.: 3.695 min
Delta R.T.: -0.015 min
Response: 114232
Conc: 0.92 ug/ml



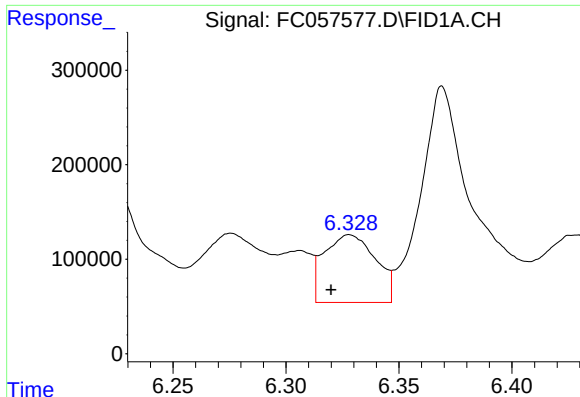
#3 A~Naphthalene (C11.7)

R.T.: 5.246 min
Delta R.T.: -0.026 min
Response: 1887712
Conc: 13.61 ug/ml



#4 n-Dodecane (C12)

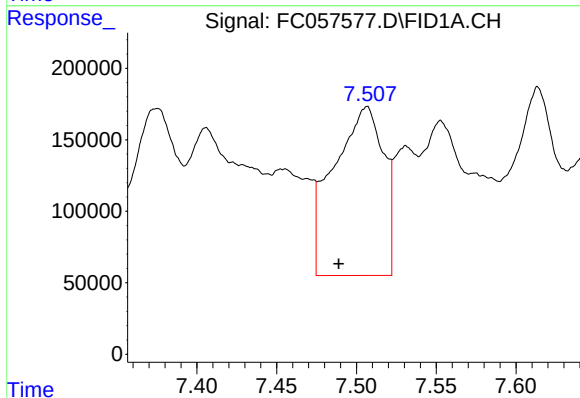
R.T.: 5.689 min
Delta R.T.: -0.010 min
Response: 726335
Conc: 5.88 ug/ml



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

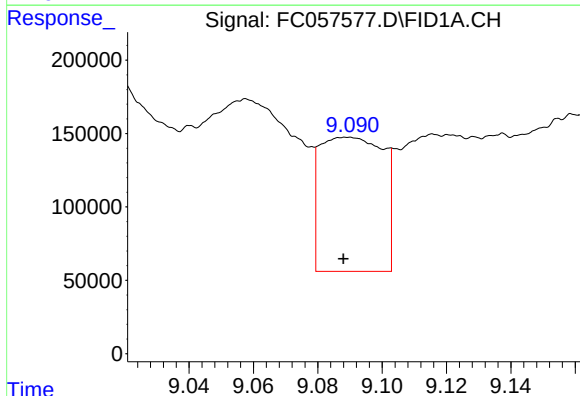
R.T.: 6.328 min
Delta R.T.: 0.008 min
Response: 1130842
Conc: 8.09 ug/ml

Instrument :
FID_C
ClientSampleId :



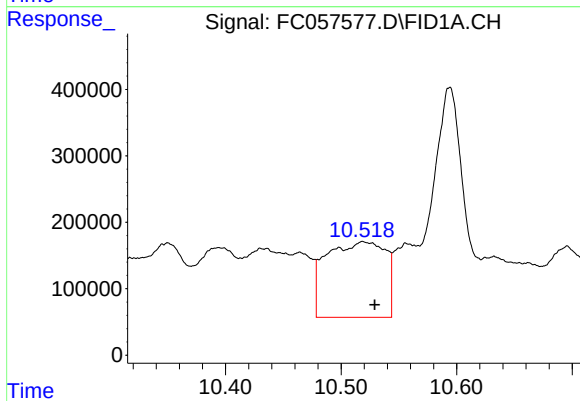
#6 n-Tetradecane (C14)

R.T.: 7.506 min
Delta R.T.: 0.017 min
Response: 2566210
Conc: 20.72 ug/ml



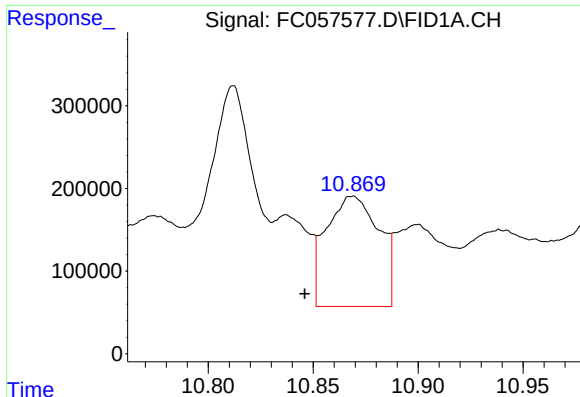
#7 n-Hexadecane (C16)

R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 1241307
Conc: 9.90 ug/ml



#8 n-Octadecane (C18)

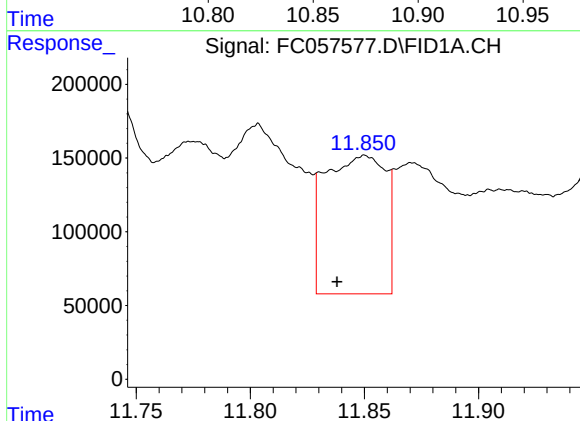
R.T.: 10.519 min
Delta R.T.: -0.010 min
Response: 4041849
Conc: 31.23 ug/ml



#9 ortho-Terphenyl (SURR)

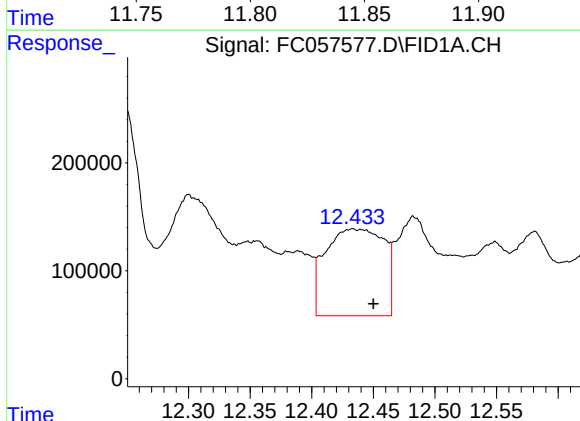
R.T.: 10.869 min
Delta R.T.: 0.023 min
Response: 2330893
Conc: 16.75 ug/ml

Instrument :
FID_C
ClientSampleId :



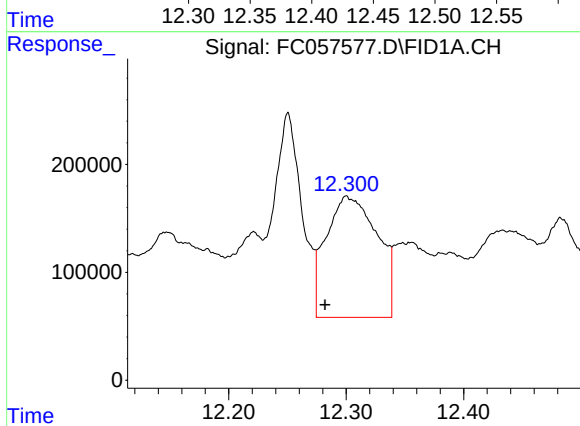
#10 n-Eicosane (C20)

R.T.: 11.850 min
Delta R.T.: 0.012 min
Response: 1727535
Conc: 13.30 ug/ml



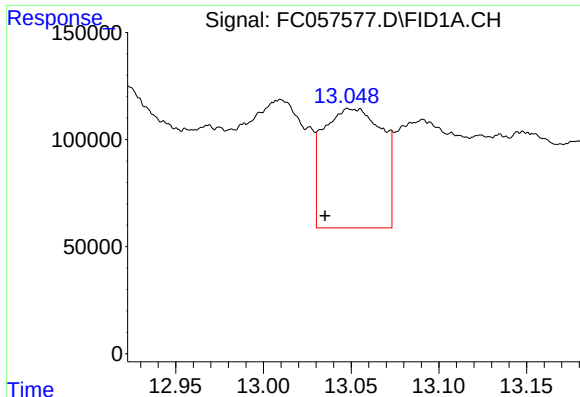
#11 n-Heneicosane (C21)

R.T.: 12.434 min
Delta R.T.: -0.016 min
Response: 2650584
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

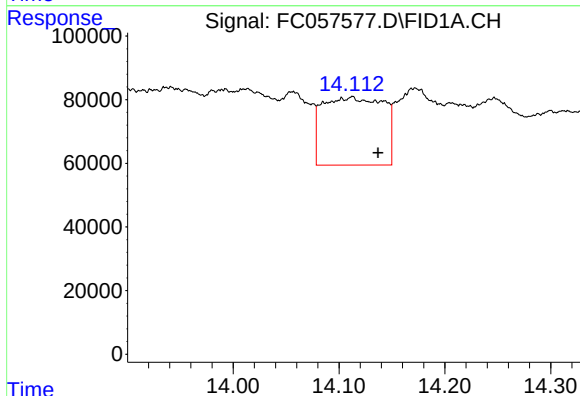
R.T.: 12.301 min
Delta R.T.: 0.019 min
Response: 3393362
Conc: 30.64 ug/ml



#13 n-Docosane (C22)

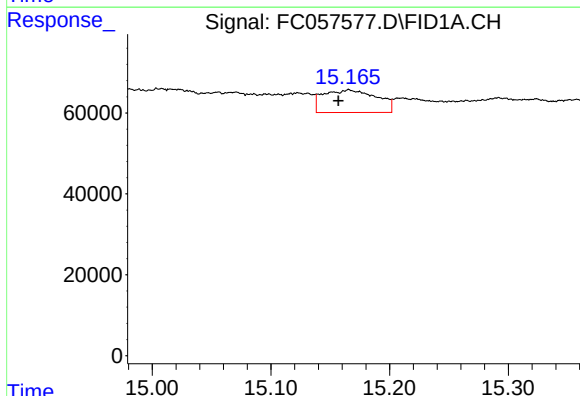
R.T.: 13.051 min
Delta R.T.: 0.016 min
Response: 1300976
Conc: 9.90 ug/ml

Instrument :
FID_C
ClientSampleId :



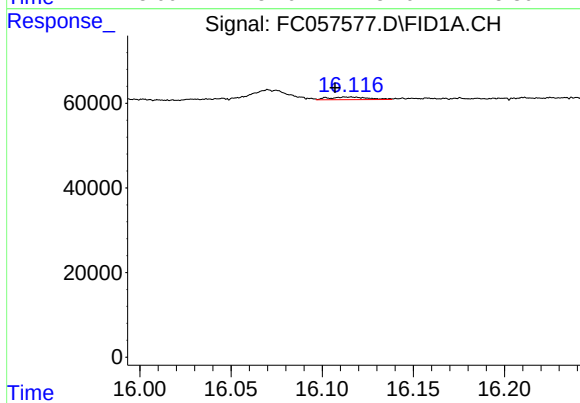
#14 n-Tetracosane (C24)

R.T.: 14.112 min
Delta R.T.: -0.025 min
Response: 858674
Conc: 6.46 ug/ml



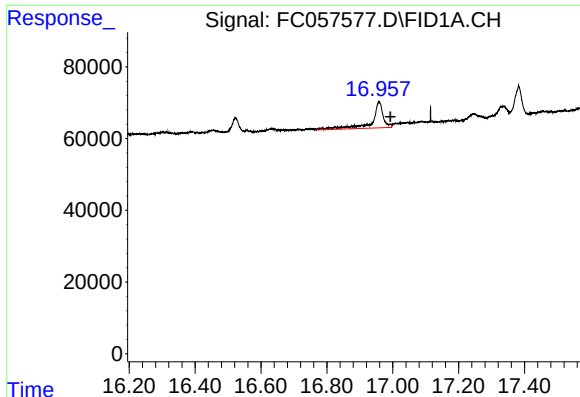
#15 n-Hexacosane (C26)

R.T.: 15.165 min
Delta R.T.: 0.008 min
Response: 174301
Conc: 1.33 ug/ml



#16 n-Octacosane (C28)

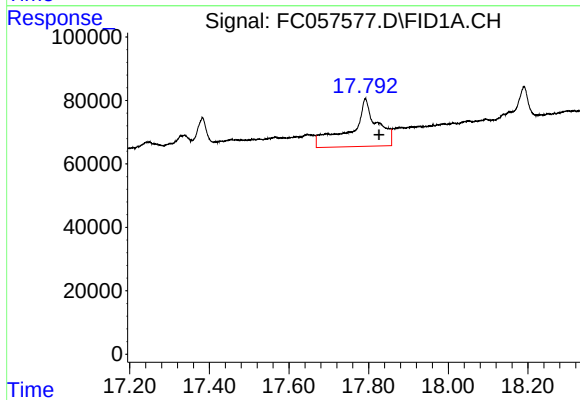
R.T.: 16.115 min
Delta R.T.: 0.008 min
Response: 8935
Conc: 0.07 ug/ml



#17 n-Tricontane (C30)

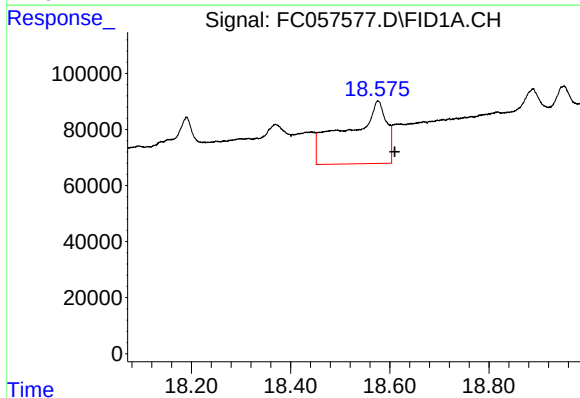
R.T.: 16.959 min
Delta R.T.: -0.034 min
Response: 172873
Conc: 1.26 ug/ml

Instrument :
FID_C
ClientSampleId :



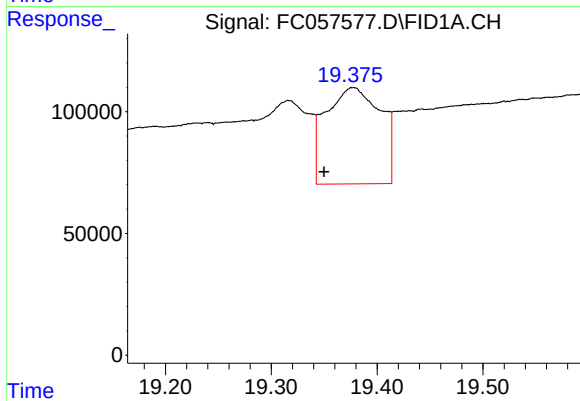
#18 n-Dotriacontane (C32)

R.T.: 17.792 min
Delta R.T.: -0.034 min
Response: 695039
Conc: 5.18 ug/ml



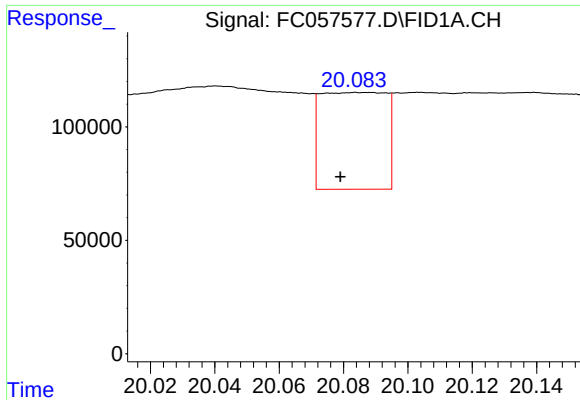
#19 n-Tetratriacontane (C34)

R.T.: 18.576 min
Delta R.T.: -0.034 min
Response: 1251443
Conc: 9.60 ug/ml



#20 n-Hexatriacontane (C36)

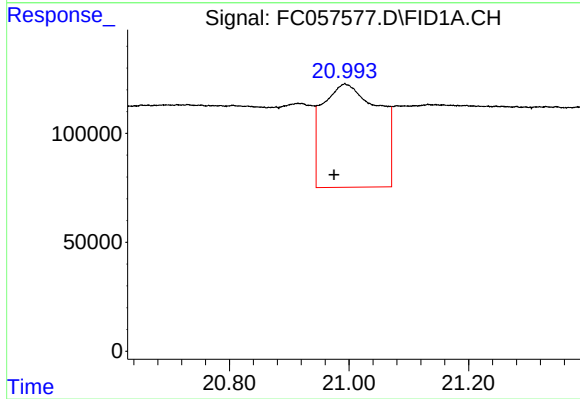
R.T.: 19.377 min
Delta R.T.: 0.027 min
Response: 1425232
Conc: 12.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.086 min
Delta R.T.: 0.007 min
Response: 599096
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.993 min
Delta R.T.: 0.018 min
Response: 3106177
Conc: 31.11 ug/ml