

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057573.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 15:48
 Operator : AJ\MA
 Sample : M5011-17DL2 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:31:15 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)	10.857	97283	0.699 ug/ml
Spiked Amount 50.000		Recovery =	1.40%
12) S 1-chlorooctadecane (S...	12.302	145527	1.314 ug/ml
Spiked Amount 50.000		Recovery =	2.63%
Target Compounds			
1) T n-Nonane (C9)	2.707	98285	0.796 ug/ml
2) T n-Decane (C10)	3.682	244284	1.961 ug/ml
3) T A~Naphthalene (C11.7)	5.287	237784	1.714 ug/ml
4) T n-Dodecane (C12)	5.728	51677	0.418 ug/ml
5) T A~2-methylnaphthalene...	6.325	243275	1.740 ug/ml
6) T n-Tetradecane (C14)	7.505	233752	1.888 ug/ml
7) T n-Hexadecane (C16)	9.087	73868	0.589 ug/ml
8) T n-Octadecane (C18)	10.519	84887	0.656 ug/ml
10) T n-Eicosane (C20)	11.835	67238	0.518 ug/ml
11) T n-Heneicosane (C21)	12.458	100179	0.763 ug/ml
13) T n-Docosane (C22)	13.013	31765	0.242 ug/ml
14) T n-Tetracosane (C24)	14.162	17520	0.132 ug/ml
15) T n-Hexacosane (C26)	15.155	13996	0.107 ug/ml
16) T n-Octacosane (C28)	16.119	5909	0.045 ug/ml
17) T n-Tricontane (C30)	16.961	235243	1.721 ug/ml
18) T n-Dotriacontane (C32)	17.794	565903	4.221 ug/ml
19) T n-Tetratriacontane (C34)	18.577	796418	6.108 ug/ml
20) T n-Hexatriacontane (C36)	19.320	5645340	47.544 ug/ml
21) T n-Octatriacontane (C38)	20.039	4528315	41.230 ug/ml
22) T n-Tetracontane (C40)	20.996	3169220	31.742 ug/ml

(f)=RT Delta > 1/2 Window

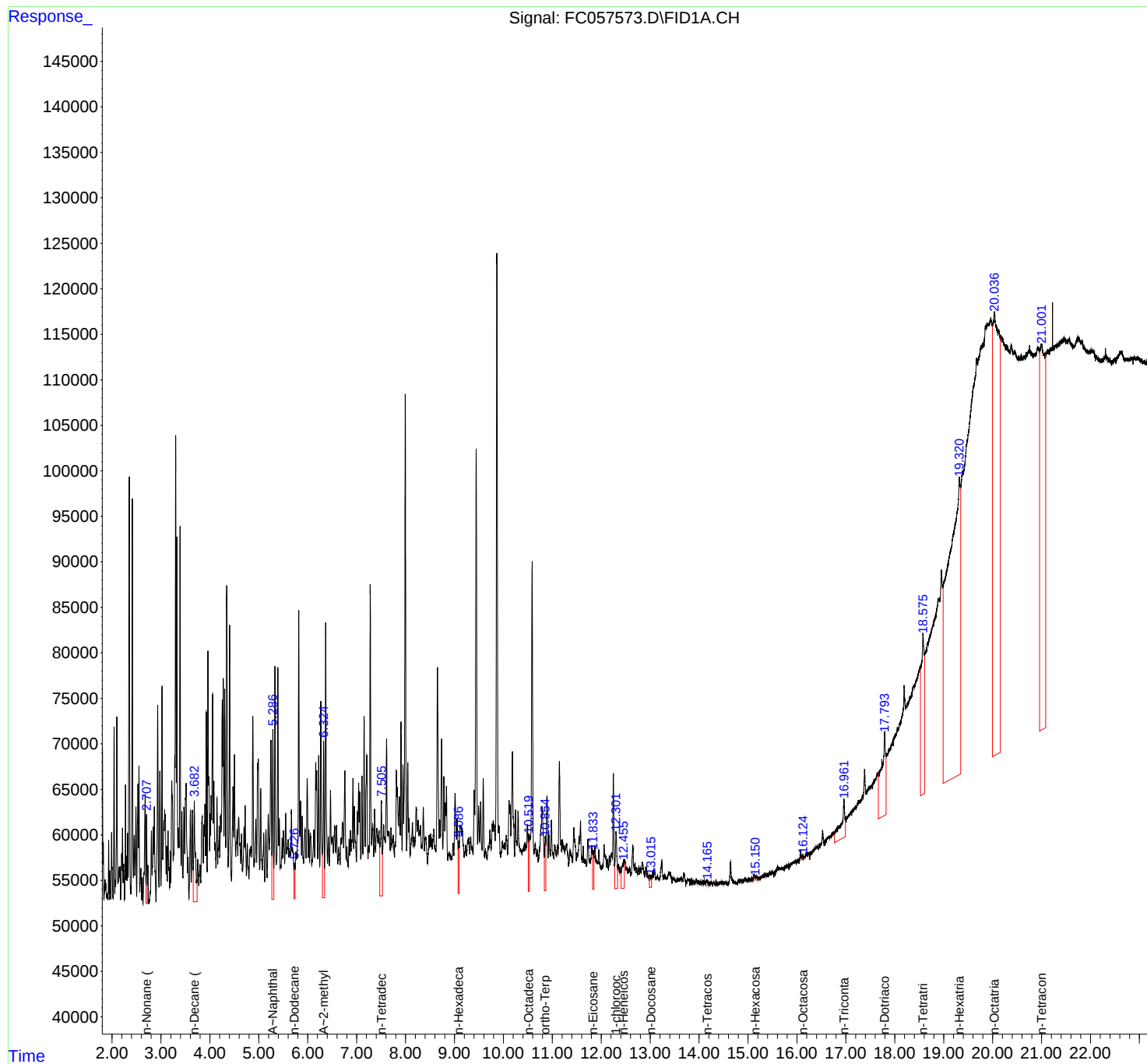
(m)=manual int.

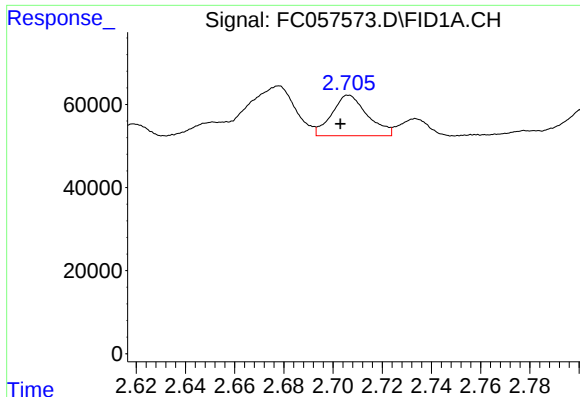
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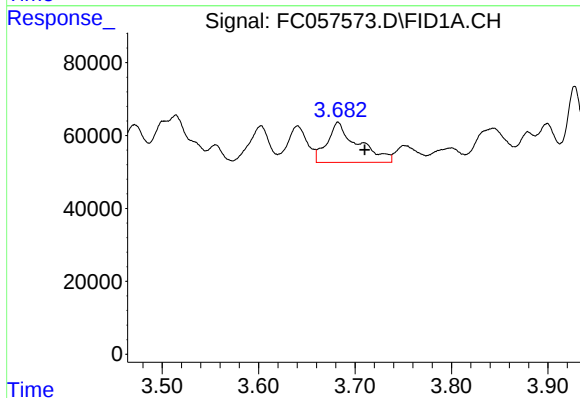




#1 n-Nonane (C9)

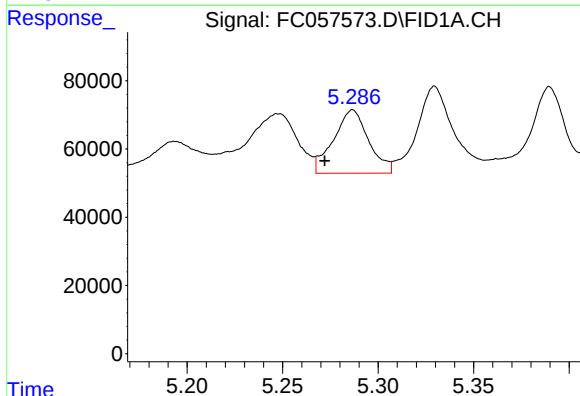
R.T.: 2.707 min
Delta R.T.: 0.004 min
Response: 98285
Conc: 0.80 ug/ml

Instrument :
FID_C
ClientSampleId :



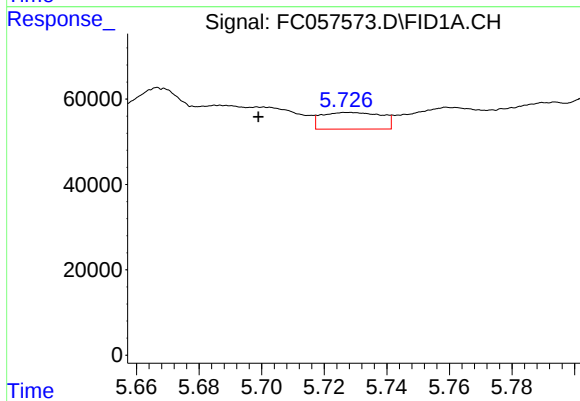
#2 n-Decane (C10)

R.T.: 3.682 min
Delta R.T.: -0.028 min
Response: 244284
Conc: 1.96 ug/ml



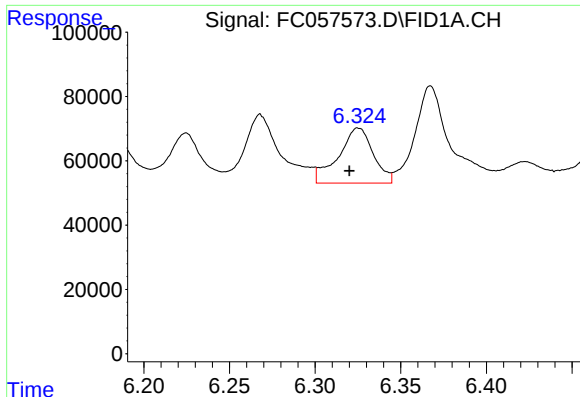
#3 A~Naphthalene (C11.7)

R.T.: 5.287 min
Delta R.T.: 0.015 min
Response: 237784
Conc: 1.71 ug/ml



#4 n-Dodecane (C12)

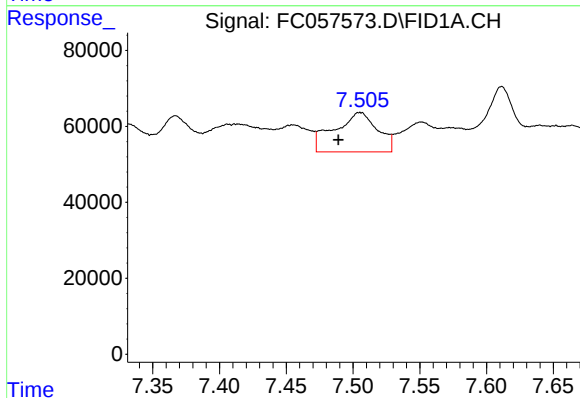
R.T.: 5.728 min
Delta R.T.: 0.029 min
Response: 51677
Conc: 0.42 ug/ml



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

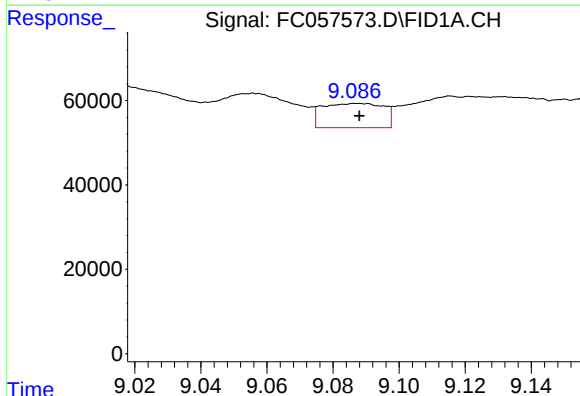
R.T.: 6.325 min
Delta R.T.: 0.005 min
Response: 243275
Conc: 1.74 ug/ml

Instrument :
FID_C
ClientSampleId :



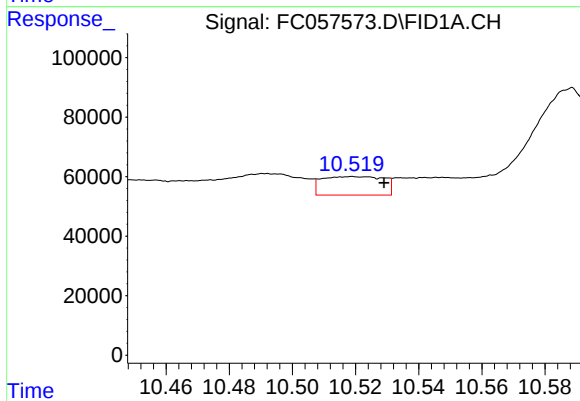
#6 n-Tetradecane (C14)

R.T.: 7.505 min
Delta R.T.: 0.016 min
Response: 233752
Conc: 1.89 ug/ml



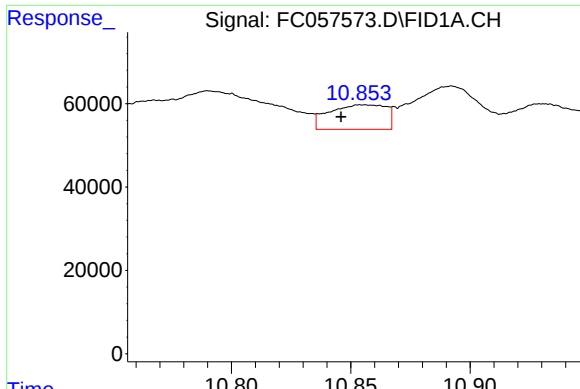
#7 n-Hexadecane (C16)

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 73868
Conc: 0.59 ug/ml



#8 n-Octadecane (C18)

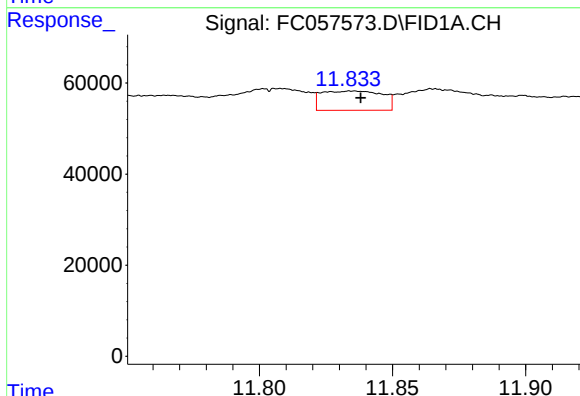
R.T.: 10.519 min
Delta R.T.: -0.010 min
Response: 84887
Conc: 0.66 ug/ml



#9 ortho-Terphenyl (SURR)

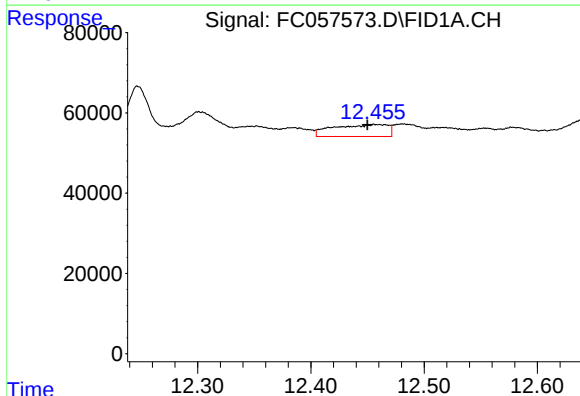
R.T.: 10.857 min
Delta R.T.: 0.011 min
Response: 97283
Conc: 0.70 ug/ml

Instrument :
FID_C
ClientSampleId :



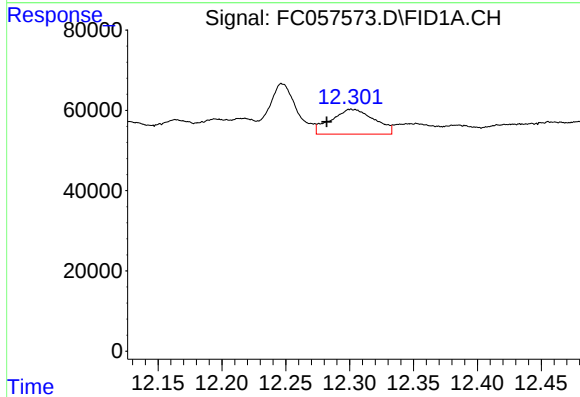
#10 n-Eicosane (C20)

R.T.: 11.835 min
Delta R.T.: -0.003 min
Response: 67238
Conc: 0.52 ug/ml



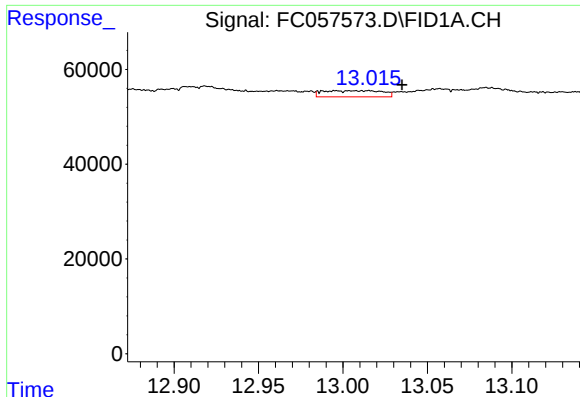
#11 n-Heneicosane (C21)

R.T.: 12.458 min
Delta R.T.: 0.008 min
Response: 100179
Conc: 0.76 ug/ml



#12 1-chlorooctadecane (SURR)

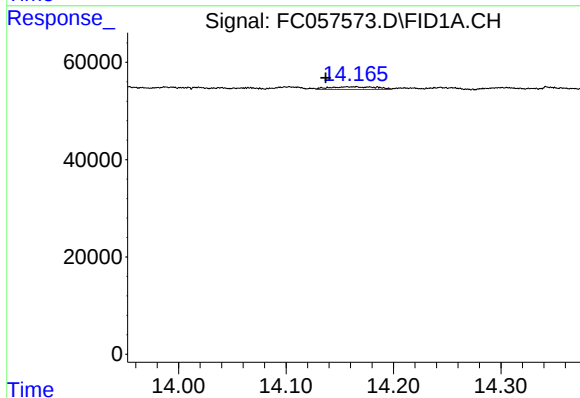
R.T.: 12.302 min
Delta R.T.: 0.020 min
Response: 145527
Conc: 1.31 ug/ml



#13 n-Docosane (C22)

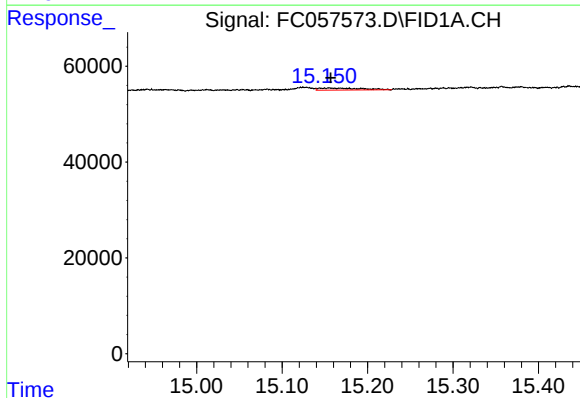
R.T.: 13.013 min
Delta R.T.: -0.022 min
Response: 31765
Conc: 0.24 ug/ml

Instrument :
FID_C
ClientSampleId :



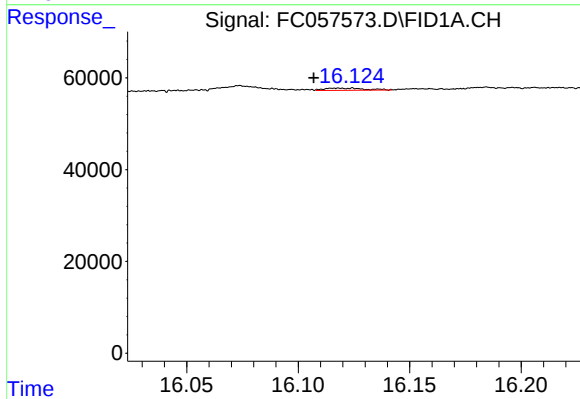
#14 n-Tetracosane (C24)

R.T.: 14.162 min
Delta R.T.: 0.025 min
Response: 17520
Conc: 0.13 ug/ml



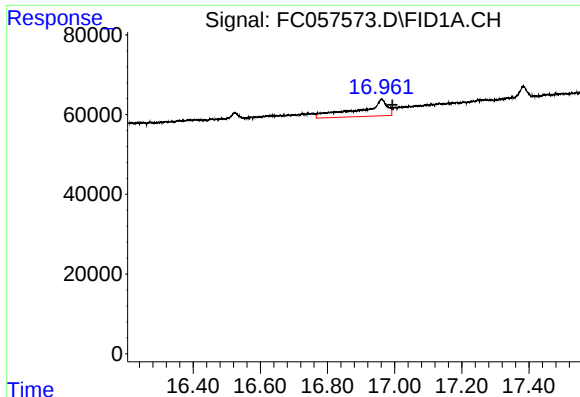
#15 n-Hexacosane (C26)

R.T.: 15.155 min
Delta R.T.: -0.002 min
Response: 13996
Conc: 0.11 ug/ml



#16 n-Octacosane (C28)

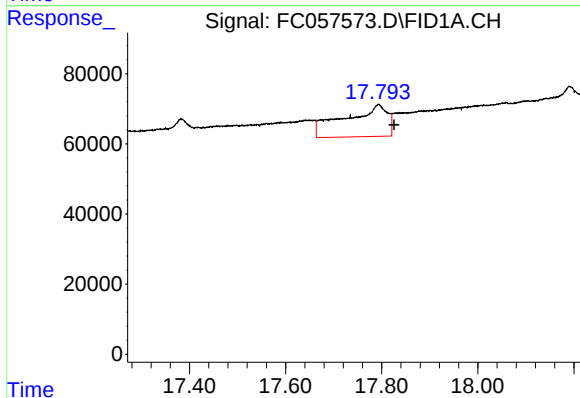
R.T.: 16.119 min
Delta R.T.: 0.012 min
Response: 5909
Conc: 0.04 ug/ml



#17 n-Tricontane (C30)

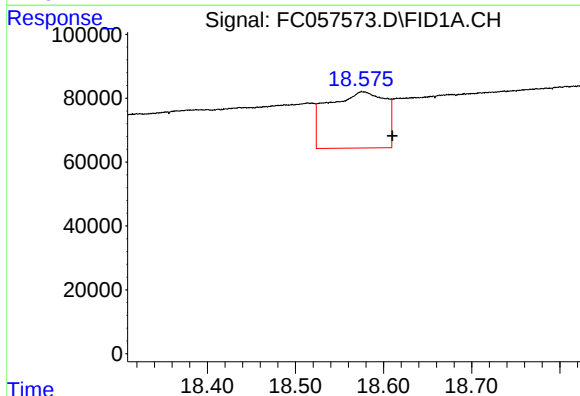
R.T.: 16.961 min
Delta R.T.: -0.032 min
Response: 235243
Conc: 1.72 ug/ml

Instrument :
FID_C
ClientSampleId :



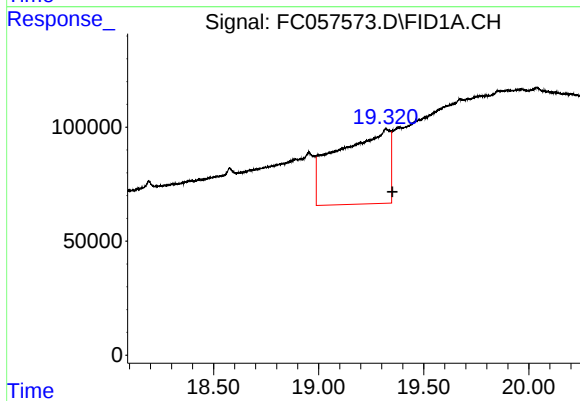
#18 n-Dotriacontane (C32)

R.T.: 17.794 min
Delta R.T.: -0.032 min
Response: 565903
Conc: 4.22 ug/ml



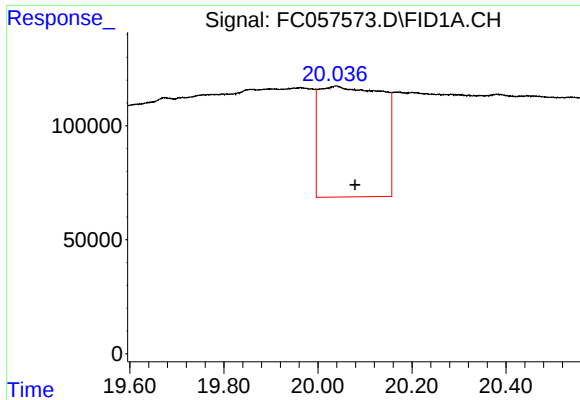
#19 n-Tetratriacontane (C34)

R.T.: 18.577 min
Delta R.T.: -0.033 min
Response: 796418
Conc: 6.11 ug/ml



#20 n-Hexatriacontane (C36)

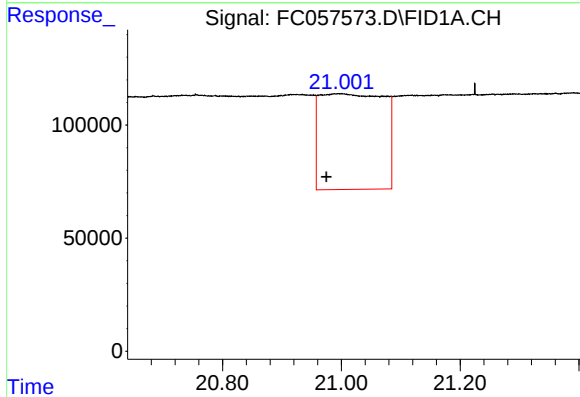
R.T.: 19.320 min
Delta R.T.: -0.030 min
Response: 5645340
Conc: 47.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.039 min
Delta R.T.: -0.040 min
Response: 4528315
Conc: 41.23 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.996 min
Delta R.T.: 0.021 min
Response: 3169220
Conc: 31.74 ug/ml