

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057576.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 17:54
 Operator : AJ\MA
 Sample : M5044-02DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:32:18 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)	10.861	12579	0.090 ug/ml
Spiked Amount 50.000		Recovery =	0.18%
12) S 1-chlorooctadecane (S...	12.294	19143	0.173 ug/ml
Spiked Amount 50.000		Recovery =	0.35%
Target Compounds			
1) T n-Nonane (C9)	2.704	65116	0.527 ug/ml
2) T n-Decane (C10)	3.729	318279	2.555 ug/ml
3) T A~Naphthalene (C11.7)	5.269	554777	3.999 ug/ml
4) T n-Dodecane (C12)	5.667	643310	5.209 ug/ml
5) T A~2-methylnaphthalene...	6.326	245899	1.758 ug/ml
6) T n-Tetradecane (C14)	7.512	237904	1.921 ug/ml
7) T n-Hexadecane (C16)	9.054	111318	0.888 ug/ml
8) T n-Octadecane (C18)	10.496	37624	0.291 ug/ml
10) T n-Eicosane (C20)	11.842	18053	0.139 ug/ml
11) T n-Heneicosane (C21)	12.479	13753	0.105 ug/ml
13) T n-Docosane (C22)	13.048	8650	0.066 ug/ml
14) T n-Tetracosane (C24)	14.149	23689	0.178 ug/ml
15) T n-Hexacosane (C26)	15.168	9777	0.075 ug/ml
16) T n-Octacosane (C28)	16.120	30409	0.231 ug/ml
17) T n-Tricontane (C30)	16.957	146355	1.071 ug/ml
18) T n-Dotriacontane (C32)	17.834	10839	0.081 ug/ml
19) T n-Tetratriacontane (C34)	18.579	429196	3.291 ug/ml
20) T n-Hexatriacontane (C36)	19.376	501923	4.227 ug/ml
21) T n-Octatriacontane (C38)	20.112	875561	7.972 ug/ml
22) T n-Tetracontane (C40)	20.998	627526	6.285 ug/ml

(f)=RT Delta > 1/2 Window

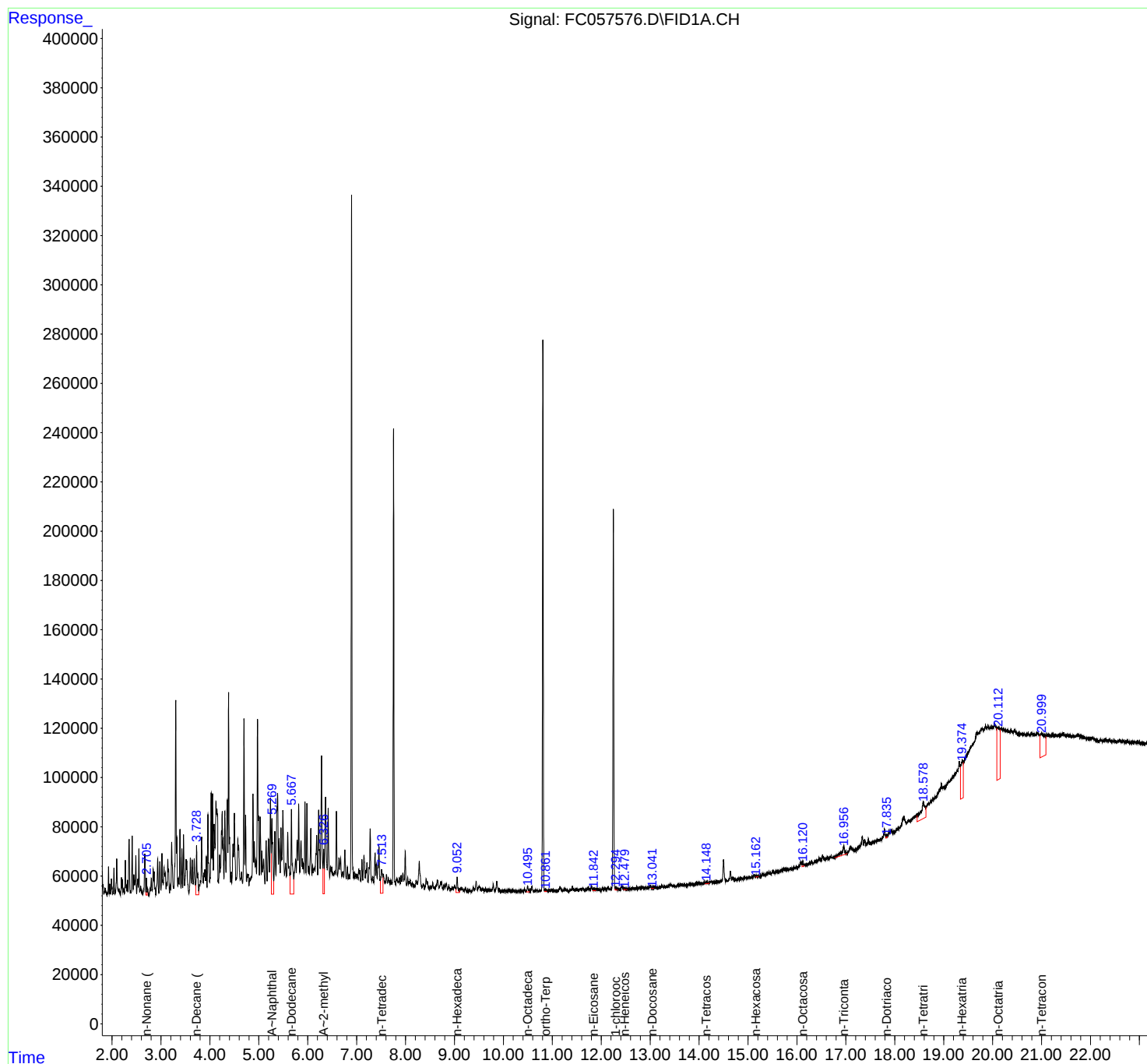
(m)=manual int.

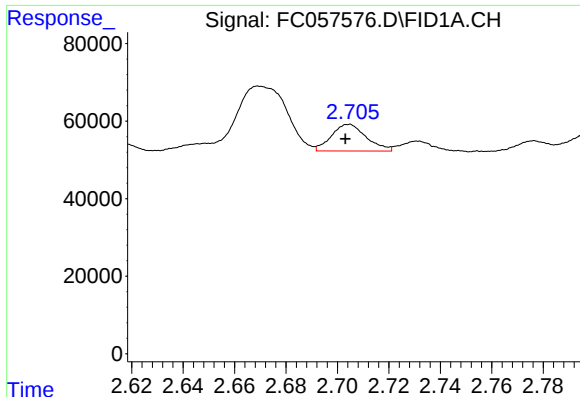
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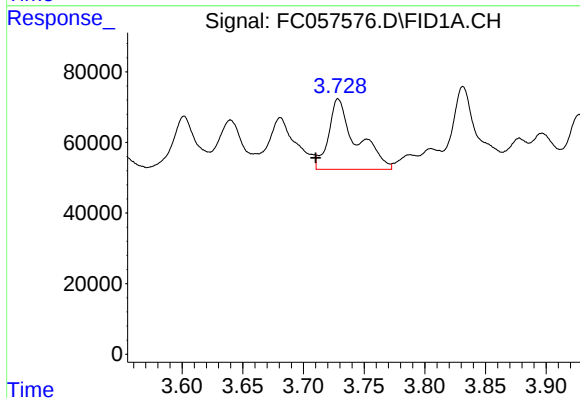




#1 n-Nonane (C9)

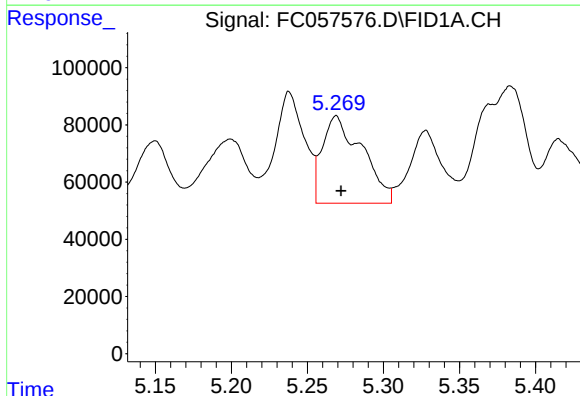
R.T.: 2.704 min
Delta R.T.: 0.001 min
Response: 65116
Conc: 0.53 ug/ml

Instrument :
FID_C
ClientSampleId :



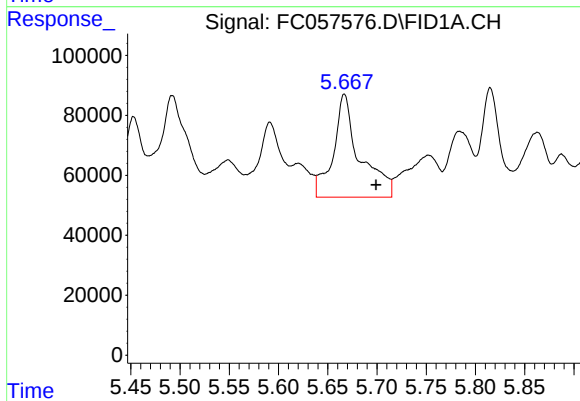
#2 n-Decane (C10)

R.T.: 3.729 min
Delta R.T.: 0.019 min
Response: 318279
Conc: 2.56 ug/ml



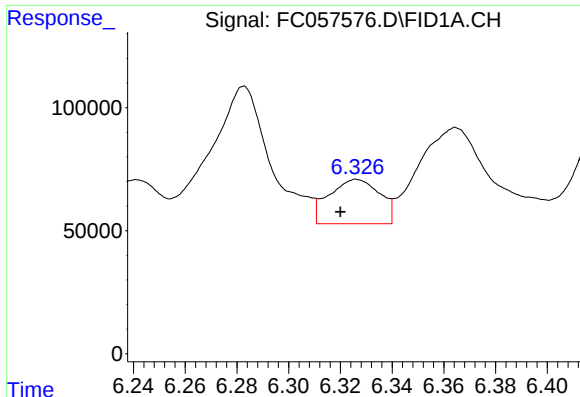
#3 A~Naphthalene (C11.7)

R.T.: 5.269 min
Delta R.T.: -0.003 min
Response: 554777
Conc: 4.00 ug/ml



#4 n-Dodecane (C12)

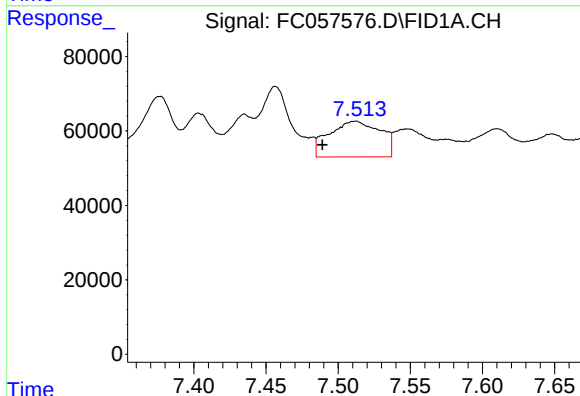
R.T.: 5.667 min
Delta R.T.: -0.032 min
Response: 643310
Conc: 5.21 ug/ml



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

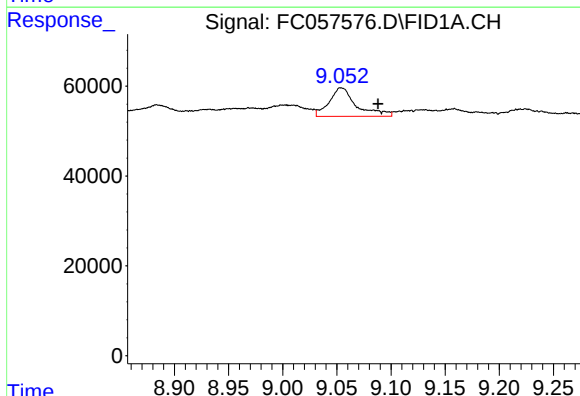
R.T.: 6.326 min
Delta R.T.: 0.006 min
Response: 245899
Conc: 1.76 ug/ml

Instrument :
FID_C
ClientSampleId :



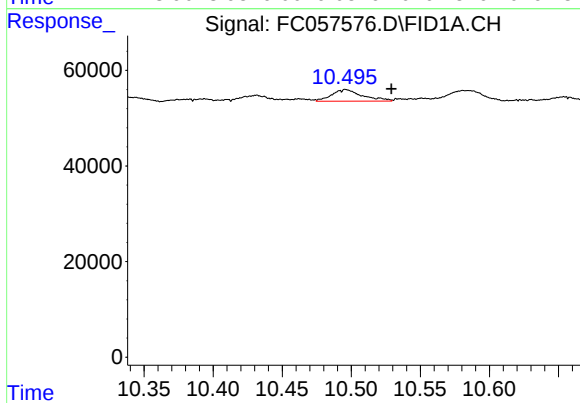
#6 n-Tetradecane (C14)

R.T.: 7.512 min
Delta R.T.: 0.023 min
Response: 237904
Conc: 1.92 ug/ml



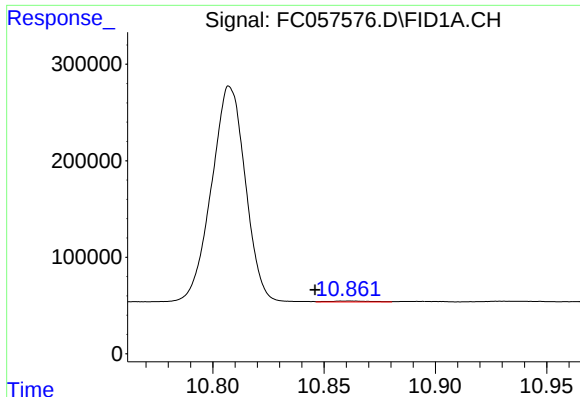
#7 n-Hexadecane (C16)

R.T.: 9.054 min
Delta R.T.: -0.034 min
Response: 111318
Conc: 0.89 ug/ml



#8 n-Octadecane (C18)

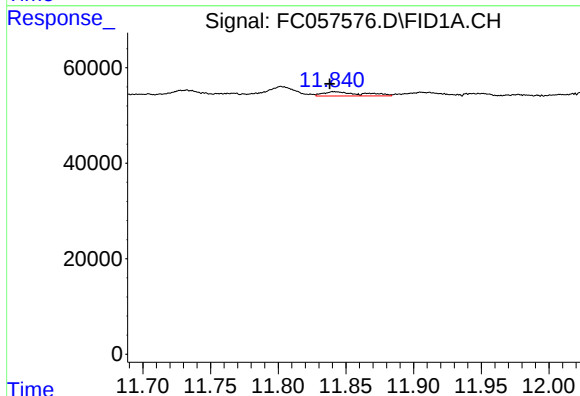
R.T.: 10.496 min
Delta R.T.: -0.033 min
Response: 37624
Conc: 0.29 ug/ml



#9 ortho-Terphenyl (SURR)

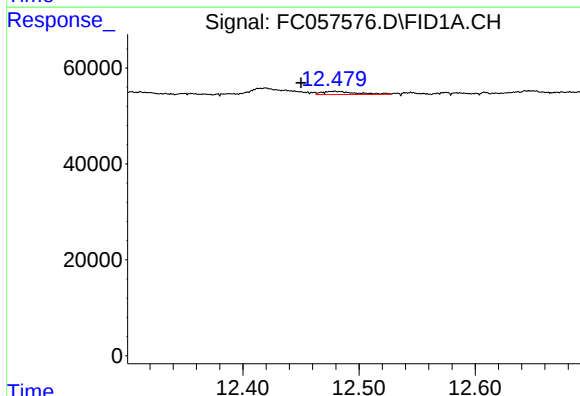
R.T.: 10.861 min
Delta R.T.: 0.015 min
Response: 12579
Conc: 0.09 ug/ml

Instrument :
FID_C
ClientSampleId :



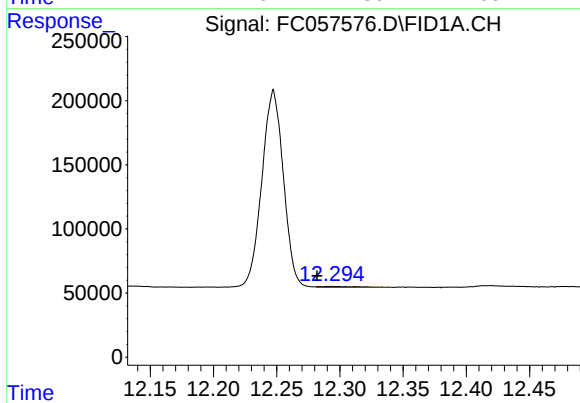
#10 n-Eicosane (C20)

R.T.: 11.842 min
Delta R.T.: 0.004 min
Response: 18053
Conc: 0.14 ug/ml



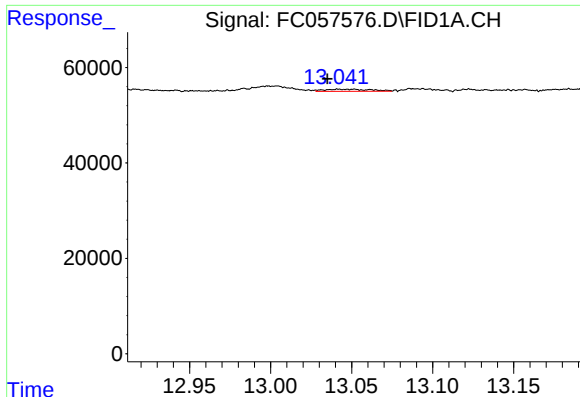
#11 n-Heneicosane (C21)

R.T.: 12.479 min
Delta R.T.: 0.029 min
Response: 13753
Conc: 0.10 ug/ml



#12 1-chlorooctadecane (SURR)

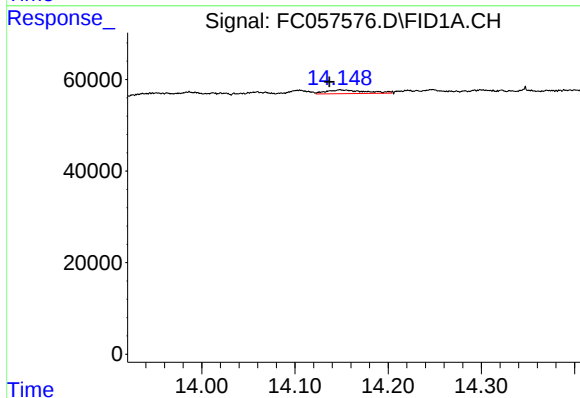
R.T.: 12.294 min
Delta R.T.: 0.012 min
Response: 19143
Conc: 0.17 ug/ml



#13 n-Docosane (C22)

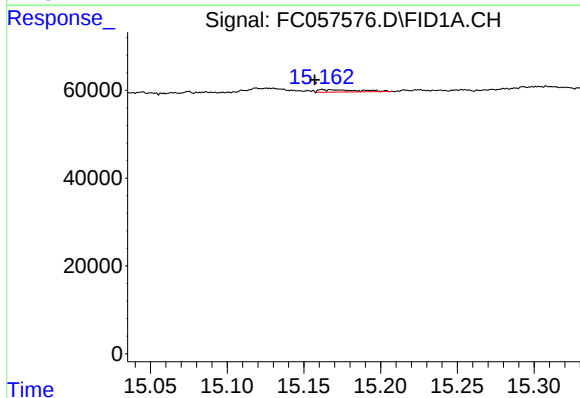
R.T.: 13.048 min
Delta R.T.: 0.013 min
Response: 8650
Conc: 0.07 ug/ml

Instrument :
FID_C
ClientSampleId :



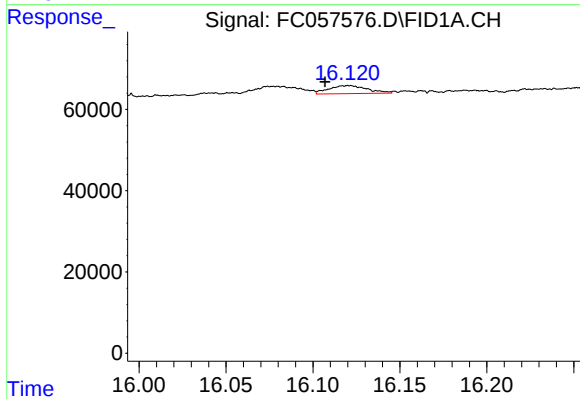
#14 n-Tetracosane (C24)

R.T.: 14.149 min
Delta R.T.: 0.012 min
Response: 23689
Conc: 0.18 ug/ml



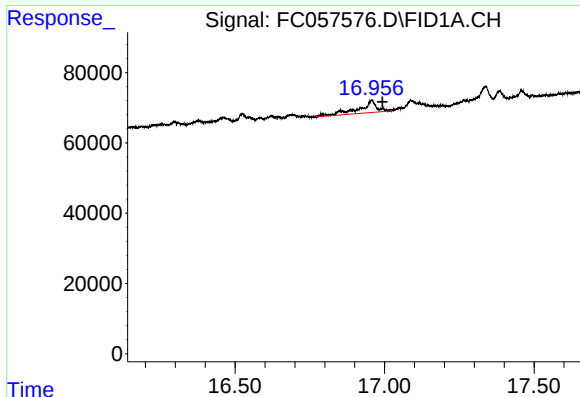
#15 n-Hexacosane (C26)

R.T.: 15.168 min
Delta R.T.: 0.011 min
Response: 9777
Conc: 0.07 ug/ml



#16 n-Octacosane (C28)

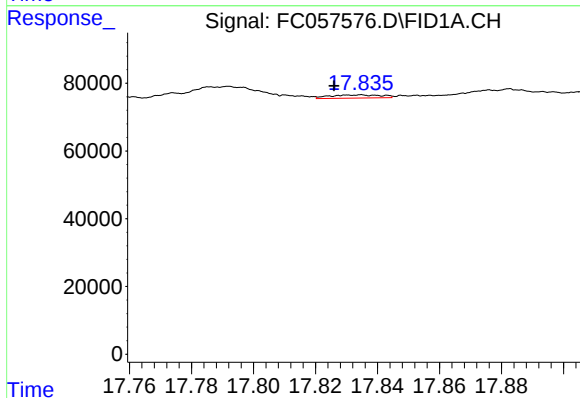
R.T.: 16.120 min
Delta R.T.: 0.013 min
Response: 30409
Conc: 0.23 ug/ml



#17 n-Tricontane (C30)

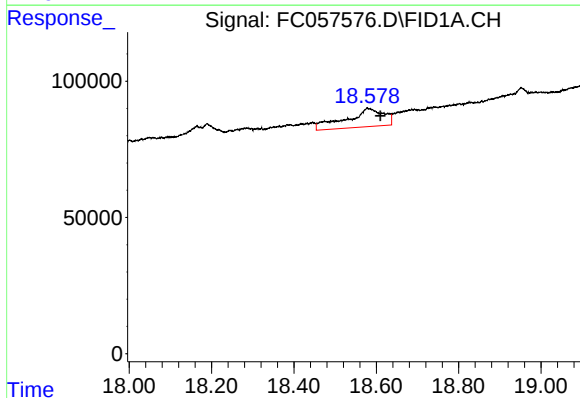
R.T.: 16.957 min
Delta R.T.: -0.036 min
Response: 146355
Conc: 1.07 ug/ml

Instrument :
FID_C
ClientSampleId :



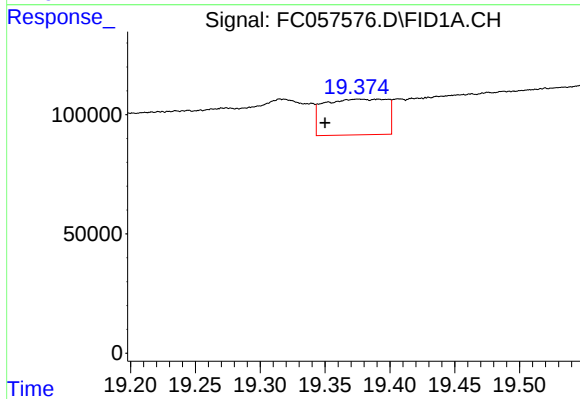
#18 n-Dotriacontane (C32)

R.T.: 17.834 min
Delta R.T.: 0.008 min
Response: 10839
Conc: 0.08 ug/ml



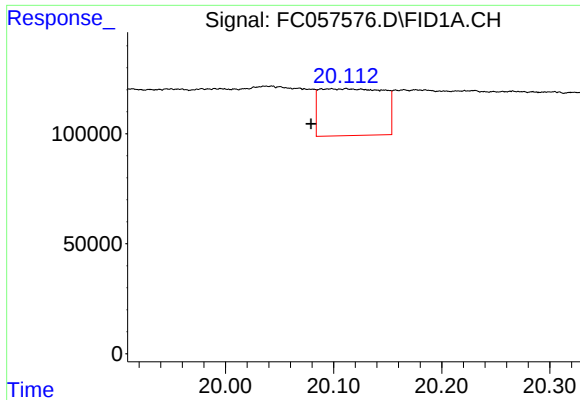
#19 n-Tetratriacontane (C34)

R.T.: 18.579 min
Delta R.T.: -0.031 min
Response: 429196
Conc: 3.29 ug/ml



#20 n-Hexatriacontane (C36)

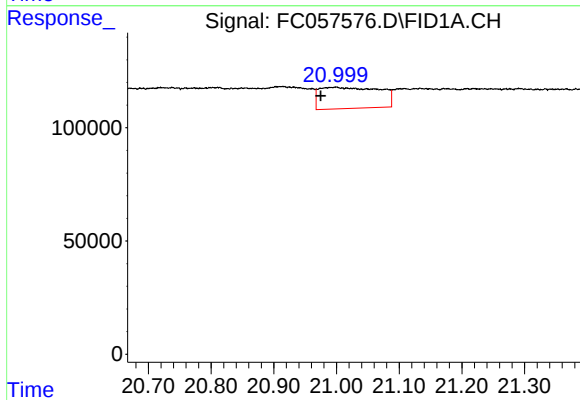
R.T.: 19.376 min
Delta R.T.: 0.026 min
Response: 501923
Conc: 4.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.112 min
Delta R.T.: 0.033 min
Response: 875561
Conc: 7.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.998 min
Delta R.T.: 0.023 min
Response: 627526
Conc: 6.29 ug/ml