

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057540.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 21:15
 Operator : AJ\MA
 Sample : I.BLK
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:31:40 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)	10.850	15613	0.112 ug/ml
Spiked Amount 50.000		Recovery =	0.22%
12) S 1-chlorooctadecane (S...	12.332	24257	0.219 ug/ml
Spiked Amount 50.000		Recovery =	0.44%
Target Compounds			
1) T n-Nonane (C9)	2.676	5220	0.042 ug/ml
2) T n-Decane (C10)	3.721	2540	0.020 ug/ml
3) T A~Naphthalene (C11.7)	5.287	9428	0.068 ug/ml
4) T n-Dodecane (C12)	5.714	3836	0.031 ug/ml
5) T A~2-methylnaphthalene...	6.324	3933	0.028 ug/ml
6) T n-Tetradecane (C14)	7.477	23297	0.188 ug/ml
7) T n-Hexadecane (C16)	9.060	31151	0.248 ug/ml
8) T n-Octadecane (C18)	10.501	24480	0.189 ug/ml
10) T n-Eicosane (C20)	11.813	19283	0.148 ug/ml
11) T n-Heneicosane (C21)	12.437	26028	0.198 ug/ml
13) T n-Docosane (C22)	13.008	15651	0.119 ug/ml
14) T n-Tetracosane (C24)	14.141	18278	0.137 ug/ml
15) T n-Hexacosane (C26)	15.132	29074	0.222 ug/ml
16) T n-Octacosane (C28)	16.080	26952	0.205 ug/ml
17) T n-Tricontane (C30)	16.969	32410	0.237 ug/ml
18) T n-Dotriacontane (C32)	17.800	55382	0.413 ug/ml
19) T n-Tetratriacontane (C34)	18.586	178553	1.369 ug/ml
20) T n-Hexatriacontane (C36)	19.327	1867701	15.729 ug/ml
21) T n-Octatriacontane (C38)	20.093	4080199	37.150 ug/ml
22) T n-Tetracontane (C40)	21.014	677506	6.786 ug/ml

(f)=RT Delta > 1/2 Window

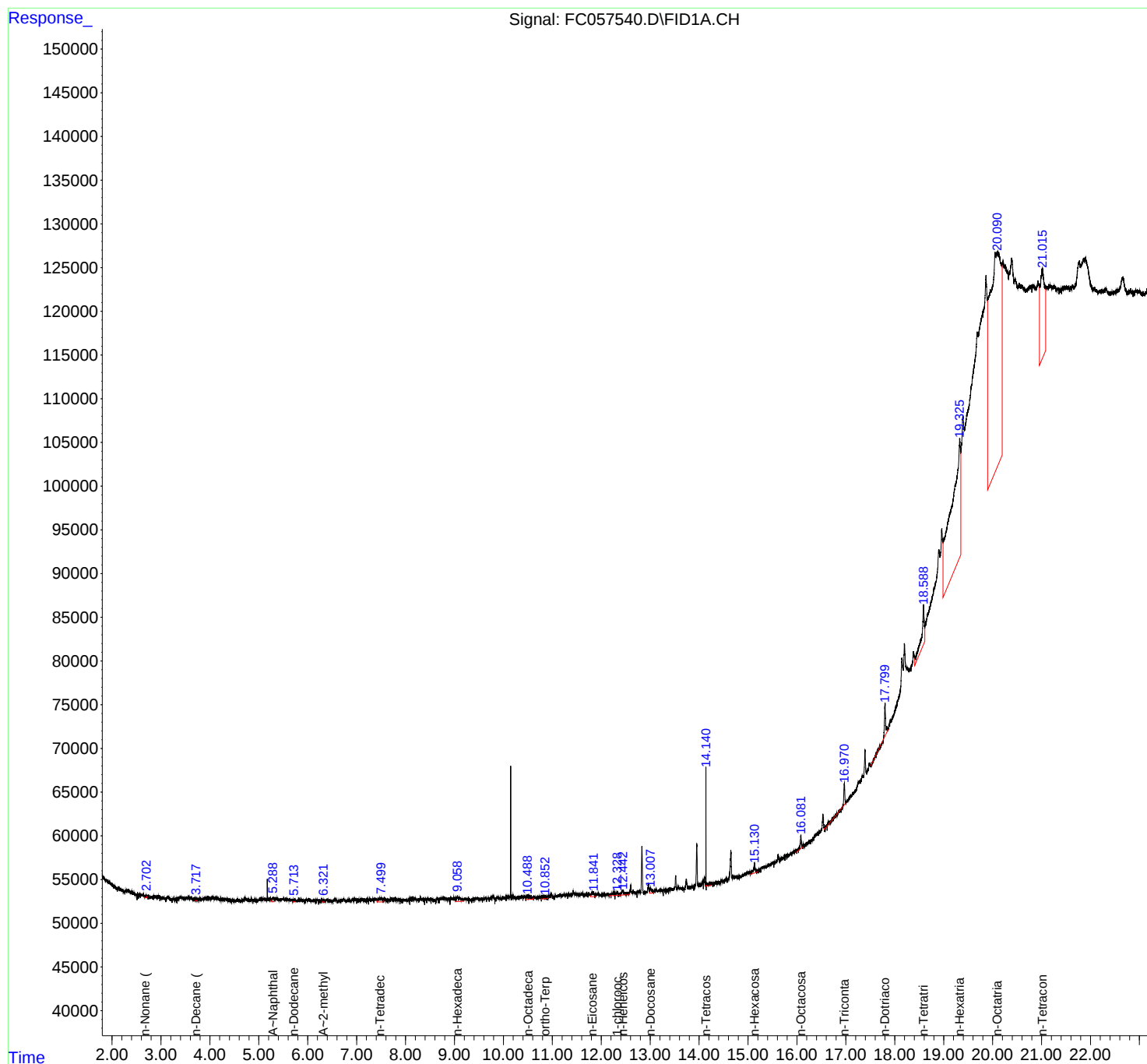
(m)=manual int.

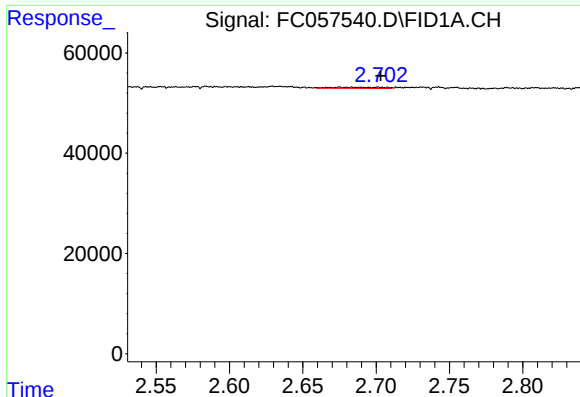
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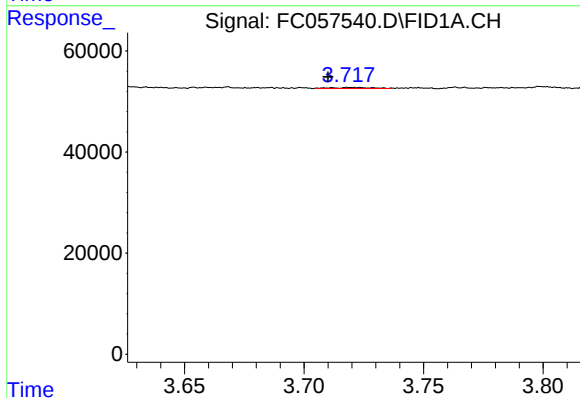




#1 n-Nonane (C9)

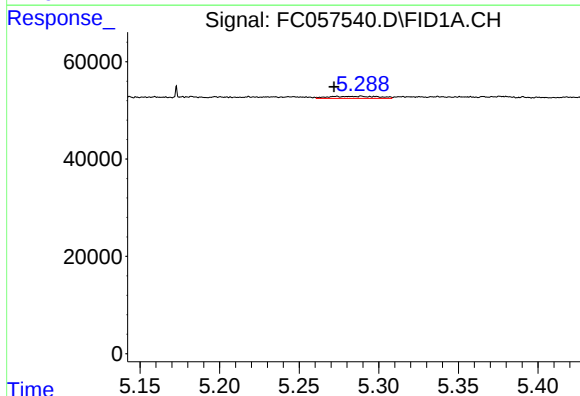
R.T.: 2.676 min
Delta R.T.: -0.027 min
Response: 5220
Conc: 0.04 ug/ml

Instrument :
FID_C
ClientSampleId :



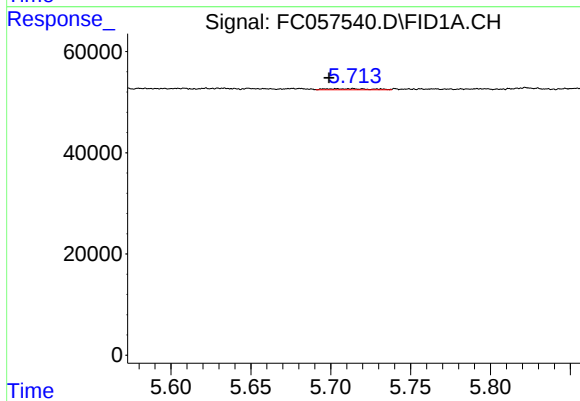
#2 n-Decane (C10)

R.T.: 3.721 min
Delta R.T.: 0.011 min
Response: 2540
Conc: 0.02 ug/ml



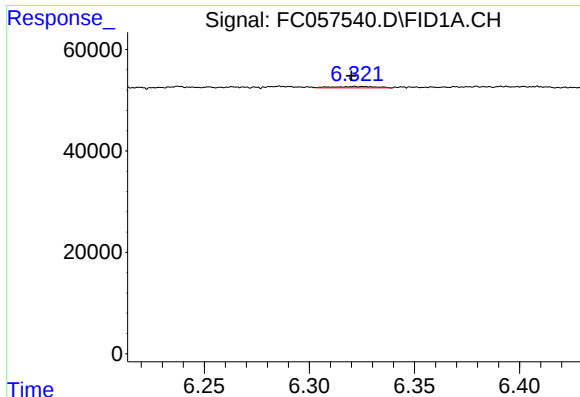
#3 A~Naphthalene (C11.7)

R.T.: 5.287 min
Delta R.T.: 0.015 min
Response: 9428
Conc: 0.07 ug/ml



#4 n-Dodecane (C12)

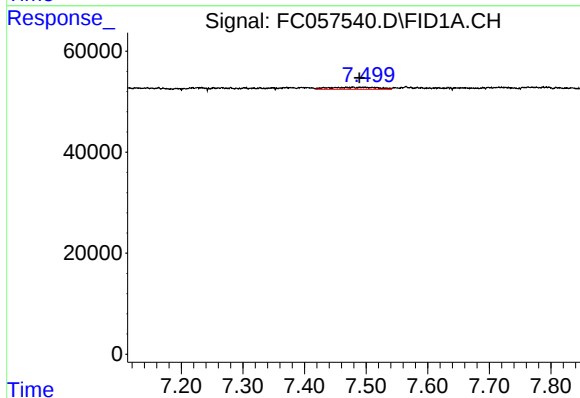
R.T.: 5.714 min
Delta R.T.: 0.015 min
Response: 3836
Conc: 0.03 ug/ml



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

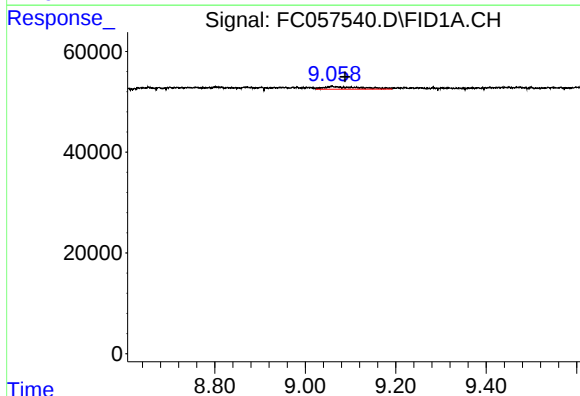
R.T.: 6.324 min
Delta R.T.: 0.004 min
Response: 3933
Conc: 0.03 ug/ml

Instrument :
FID_C
ClientSampleId :



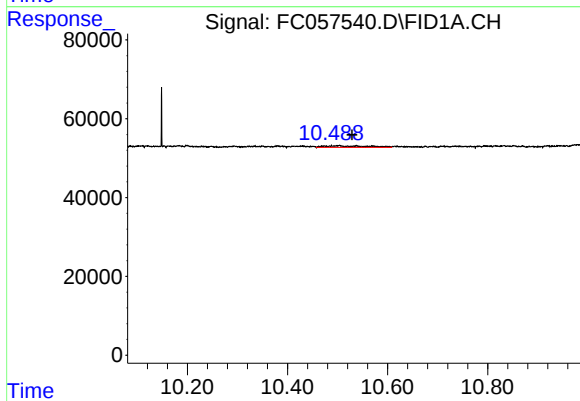
#6 n-Tetradecane (C14)

R.T.: 7.477 min
Delta R.T.: -0.012 min
Response: 23297
Conc: 0.19 ug/ml



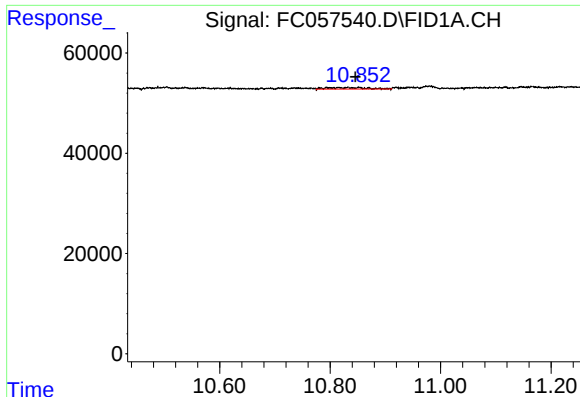
#7 n-Hexadecane (C16)

R.T.: 9.060 min
Delta R.T.: -0.028 min
Response: 31151
Conc: 0.25 ug/ml



#8 n-Octadecane (C18)

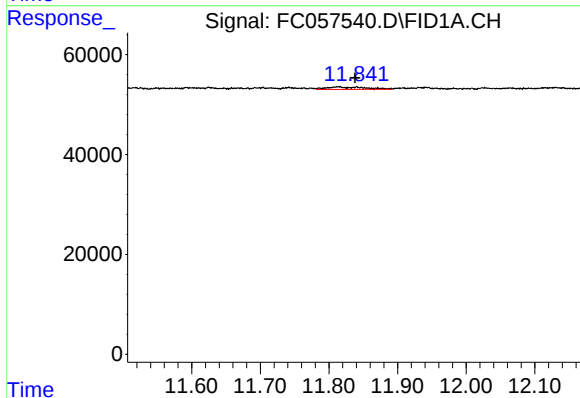
R.T.: 10.501 min
Delta R.T.: -0.028 min
Response: 24480
Conc: 0.19 ug/ml



#9 ortho-Terphenyl (SURR)

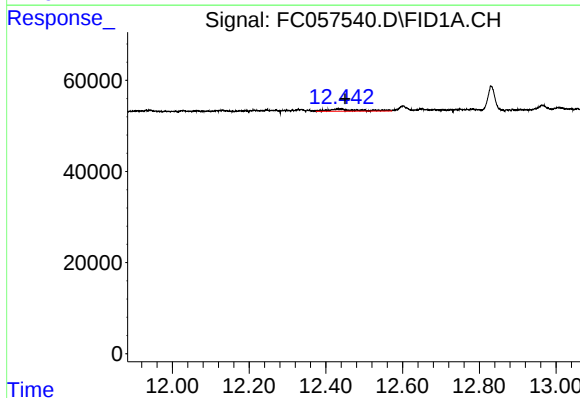
R.T.: 10.850 min
Delta R.T.: 0.004 min
Response: 15613
Conc: 0.11 ug/ml

Instrument :
FID_C
ClientSampleId :



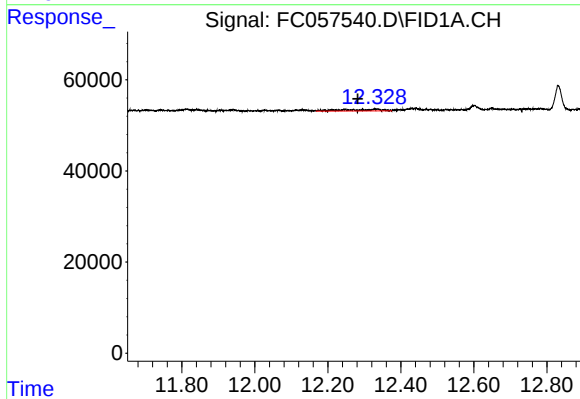
#10 n-Eicosane (C20)

R.T.: 11.813 min
Delta R.T.: -0.025 min
Response: 19283
Conc: 0.15 ug/ml



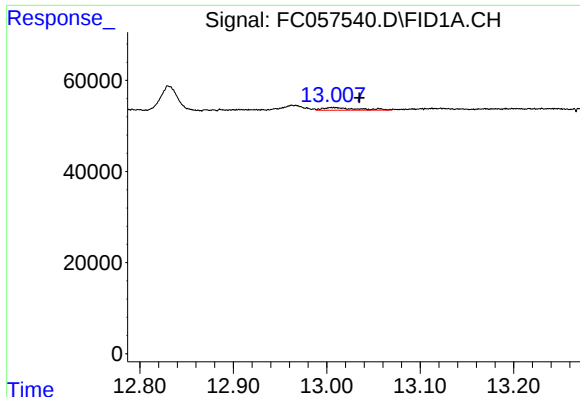
#11 n-Heneicosane (C21)

R.T.: 12.437 min
Delta R.T.: -0.013 min
Response: 26028
Conc: 0.20 ug/ml



#12 1-chlorooctadecane (SURR)

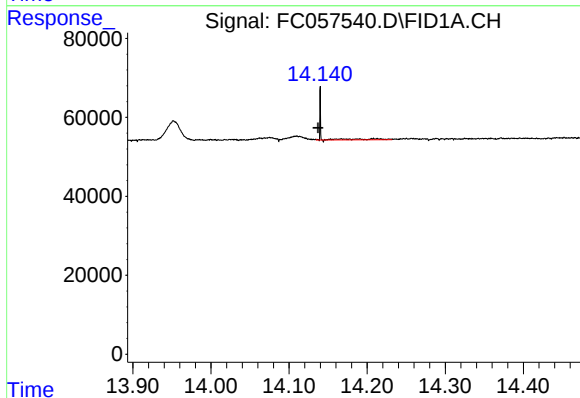
R.T.: 12.332 min
Delta R.T.: 0.050 min
Response: 24257
Conc: 0.22 ug/ml



#13 n-Docosane (C22)

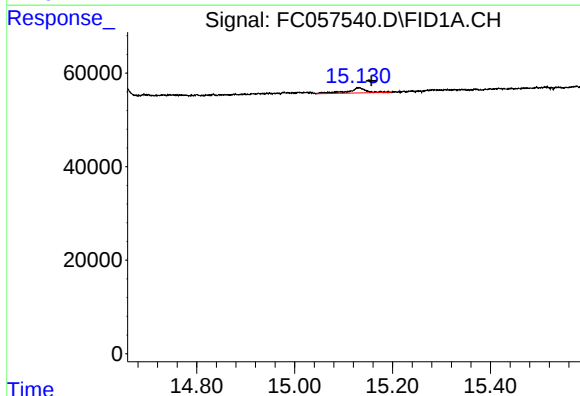
R.T.: 13.008 min
Delta R.T.: -0.027 min
Response: 15651
Conc: 0.12 ug/ml

Instrument :
FID_C
ClientSampleId :



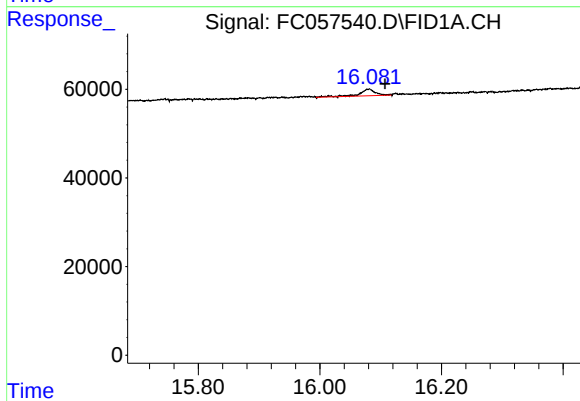
#14 n-Tetracosane (C24)

R.T.: 14.141 min
Delta R.T.: 0.004 min
Response: 18278
Conc: 0.14 ug/ml



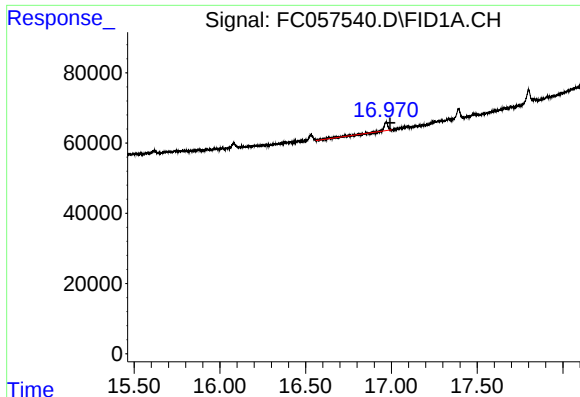
#15 n-Hexacosane (C26)

R.T.: 15.132 min
Delta R.T.: -0.025 min
Response: 29074
Conc: 0.22 ug/ml



#16 n-Octacosane (C28)

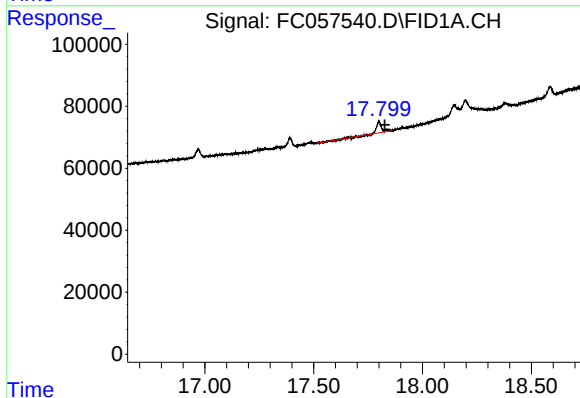
R.T.: 16.080 min
Delta R.T.: -0.027 min
Response: 26952
Conc: 0.20 ug/ml



#17 n-Tricontane (C30)

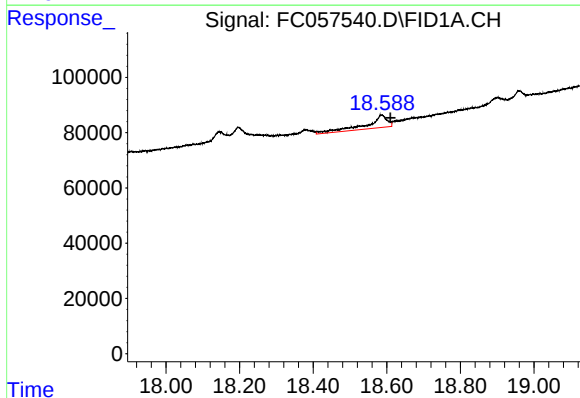
R.T.: 16.969 min
Delta R.T.: -0.024 min
Response: 32410
Conc: 0.24 ug/ml

Instrument :
FID_C
ClientSampleId :



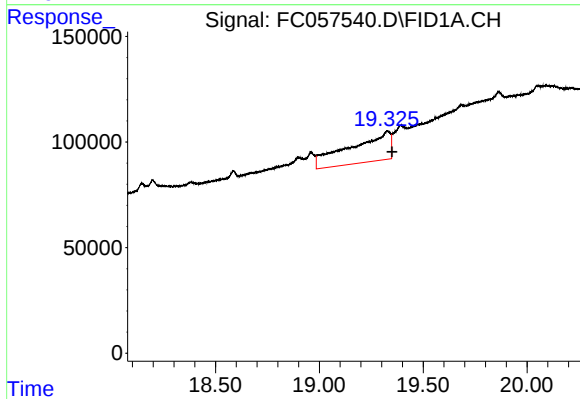
#18 n-Dotriacontane (C32)

R.T.: 17.800 min
Delta R.T.: -0.026 min
Response: 55382
Conc: 0.41 ug/ml



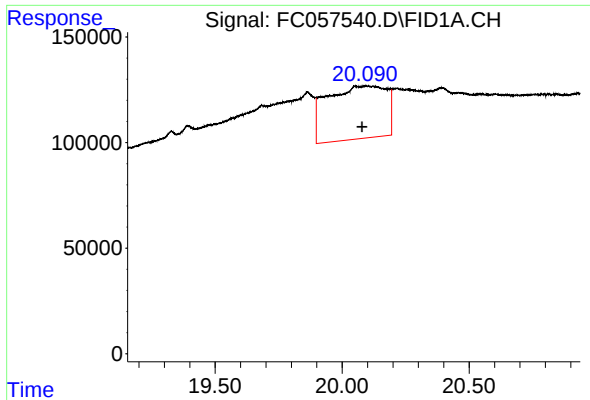
#19 n-Tetratriacontane (C34)

R.T.: 18.586 min
Delta R.T.: -0.024 min
Response: 178553
Conc: 1.37 ug/ml



#20 n-Hexatriacontane (C36)

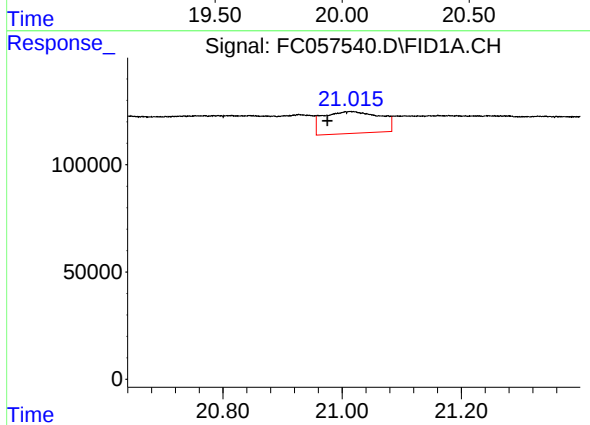
R.T.: 19.327 min
Delta R.T.: -0.023 min
Response: 1867701
Conc: 15.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.093 min
Delta R.T.: 0.014 min
Response: 4080199
Conc: 37.15 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.014 min
Delta R.T.: 0.039 min
Response: 677506
Conc: 6.79 ug/ml