

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057545.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 00:03
 Operator : AJ\MA
 Sample : M5044-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:34:23 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	5975	0.043 ug/ml
Spiked Amount 50.000		Recovery =	0.09%
12) S 1-chlorooctadecane (S...	12.300	158281	1.429 ug/ml
Spiked Amount 50.000		Recovery =	2.86%
Target Compounds			
1) T n-Nonane (C9)	2.725	7129	0.058 ug/ml
2) T n-Decane (C10)	3.691	10518	0.084 ug/ml
3) T A~Naphthalene (C11.7)	5.246	39657	0.286 ug/ml
4) T n-Dodecane (C12)	5.716	17344	0.140 ug/ml
5) T A~2-methylnaphthalene...	6.342	6816	0.049 ug/ml
6) T n-Tetradecane (C14)	7.532	6802	0.055 ug/ml
7) T n-Hexadecane (C16)	9.063	26057	0.208 ug/ml
8) T n-Octadecane (C18)	10.505	39470	0.305 ug/ml
10) T n-Eicosane (C20)	11.810	28507	0.219 ug/ml
11) T n-Heneicosane (C21)	12.441	40204	0.306 ug/ml
13) T n-Docosane (C22)	13.042	18208	0.139 ug/ml
14) T n-Tetracosane (C24)	14.157	40866	0.307 ug/ml
15) T n-Hexacosane (C26)	15.132	45470	0.347 ug/ml
16) T n-Octacosane (C28)	16.131	47090	0.358 ug/ml
17) T n-Tricontane (C30)	16.969	146663	1.073 ug/ml
18) T n-Dotriacontane (C32)	17.800	237490	1.771 ug/ml
19) T n-Tetratriacontane (C34)	18.583	421098	3.229 ug/ml
20) T n-Hexatriacontane (C36)	19.322	1333854	11.233 ug/ml
21) T n-Octatriacontane (C38)	20.098	4361220	39.708 ug/ml
22) T n-Tetracontane (C40)	21.012	1126514	11.283 ug/ml

(f)=RT Delta > 1/2 Window

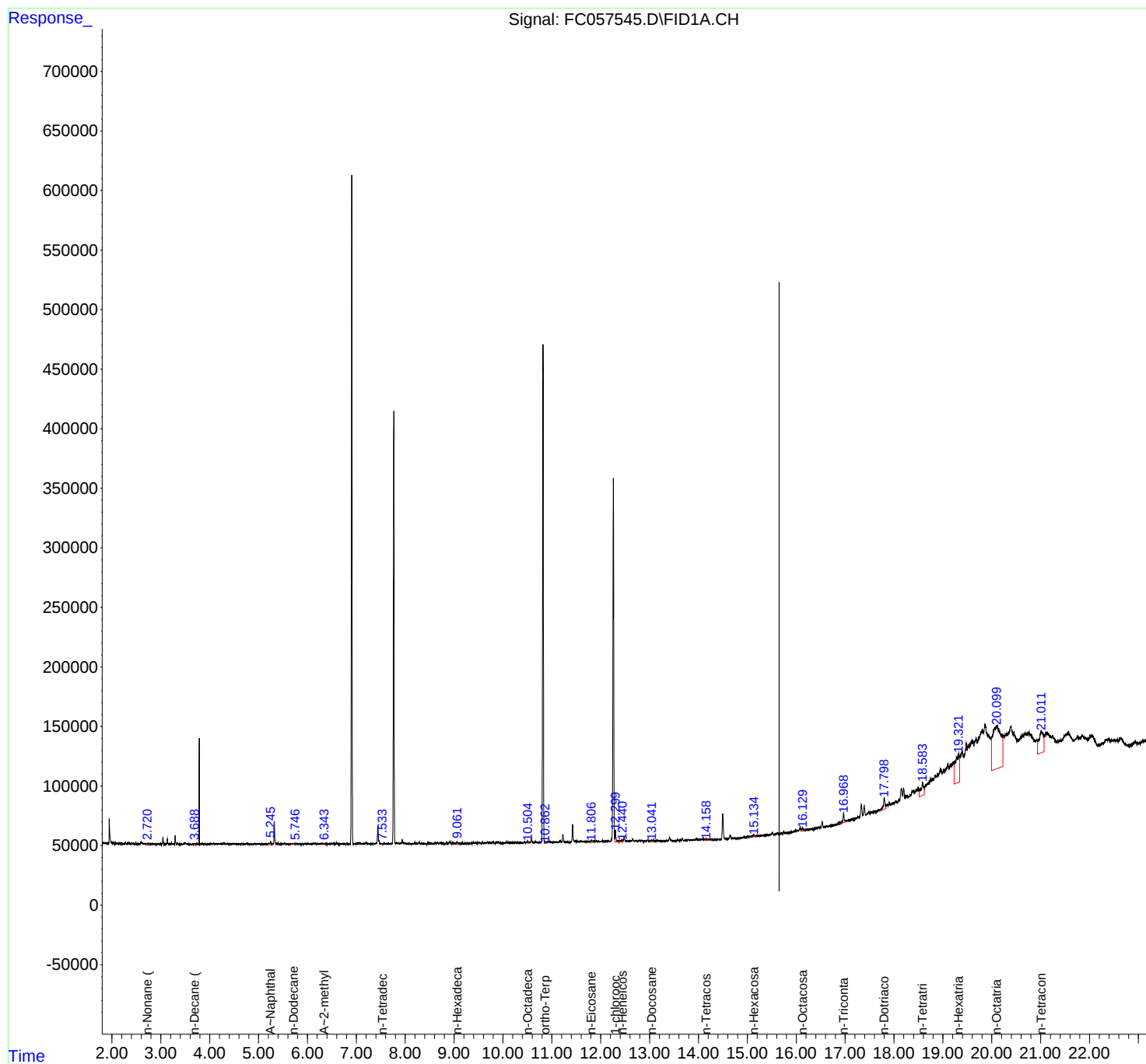
(m)=manual int.

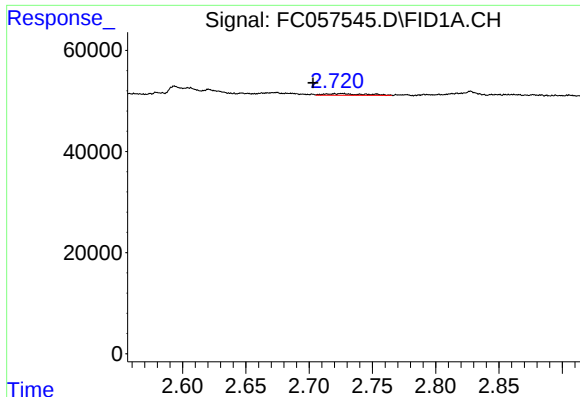
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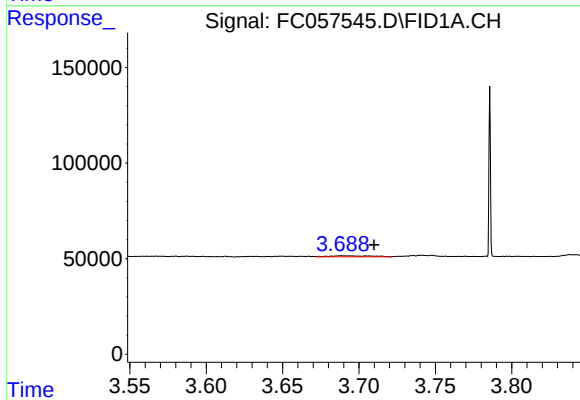




#1 n-Nonane (C9)

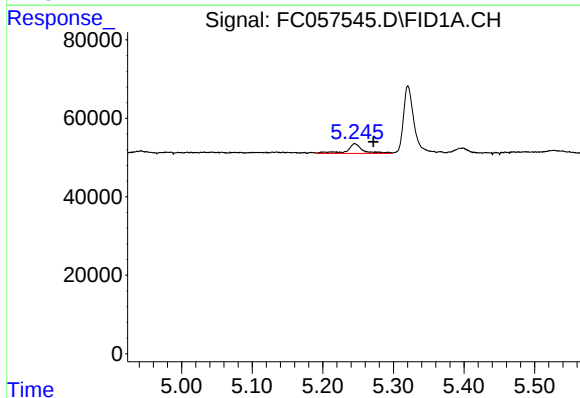
R.T.: 2.725 min
Delta R.T.: 0.022 min
Response: 7129
Conc: 0.06 ug/ml

Instrument :
FID_C
ClientSampleId :



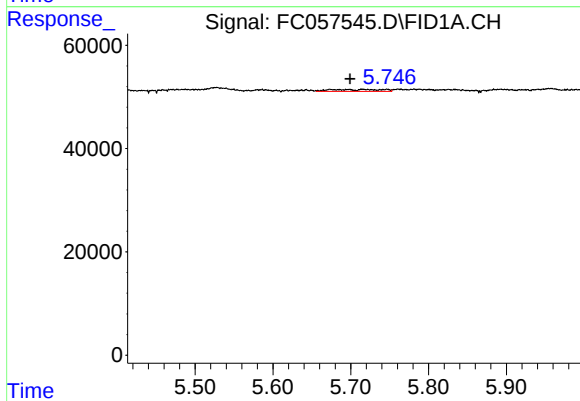
#2 n-Decane (C10)

R.T.: 3.691 min
Delta R.T.: -0.019 min
Response: 10518
Conc: 0.08 ug/ml



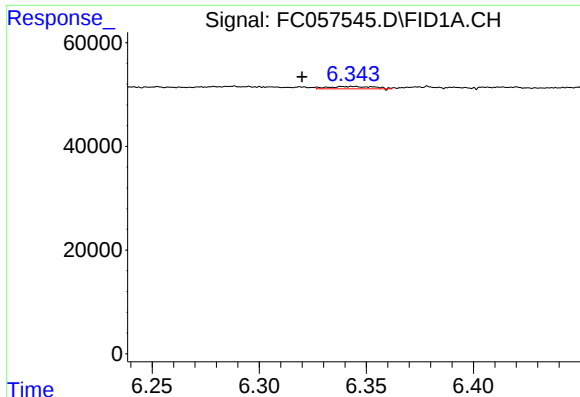
#3 A~Naphthalene (C11.7)

R.T.: 5.246 min
Delta R.T.: -0.026 min
Response: 39657
Conc: 0.29 ug/ml



#4 n-Dodecane (C12)

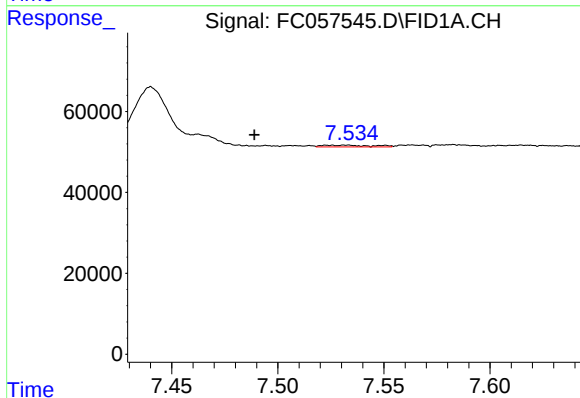
R.T.: 5.716 min
Delta R.T.: 0.017 min
Response: 17344
Conc: 0.14 ug/ml



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

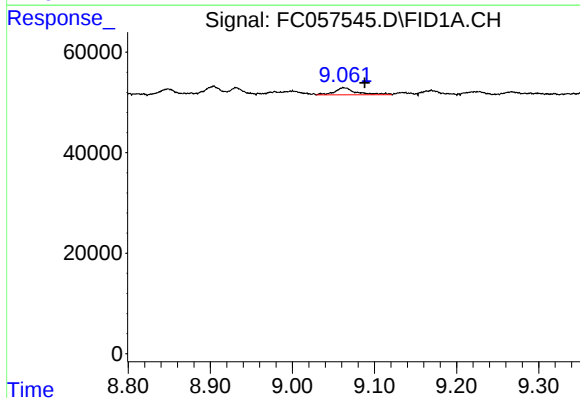
R.T.: 6.342 min
Delta R.T.: 0.022 min
Response: 6816
Conc: 0.05 ug/ml

Instrument :
FID_C
ClientSampleId :



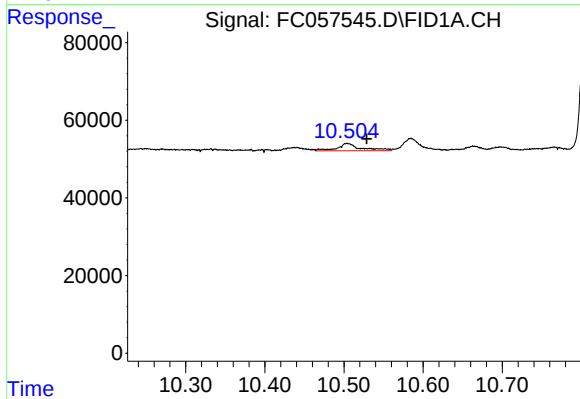
#6 n-Tetradecane (C14)

R.T.: 7.532 min
Delta R.T.: 0.043 min
Response: 6802
Conc: 0.05 ug/ml



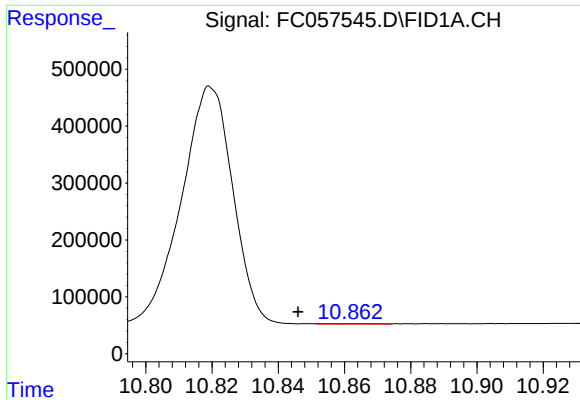
#7 n-Hexadecane (C16)

R.T.: 9.063 min
Delta R.T.: -0.025 min
Response: 26057
Conc: 0.21 ug/ml



#8 n-Octadecane (C18)

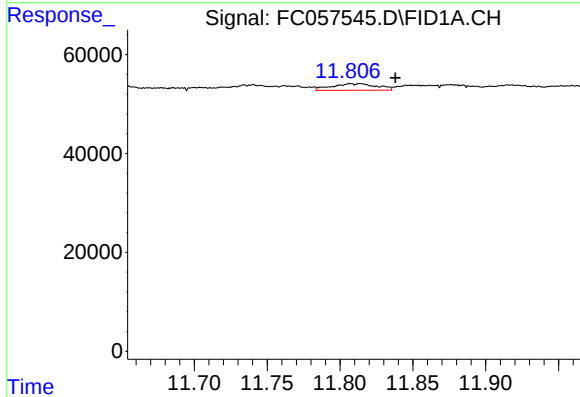
R.T.: 10.505 min
Delta R.T.: -0.024 min
Response: 39470
Conc: 0.30 ug/ml



#9 ortho-Terphenyl (SURR)

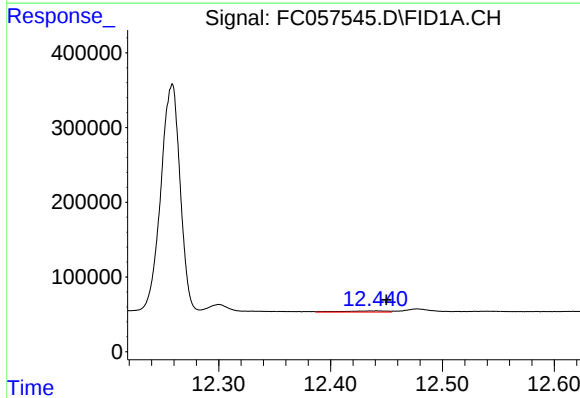
R.T.: 10.861 min
Delta R.T.: 0.015 min
Response: 5975
Conc: 0.04 ug/ml

Instrument :
FID_C
ClientSampleId :



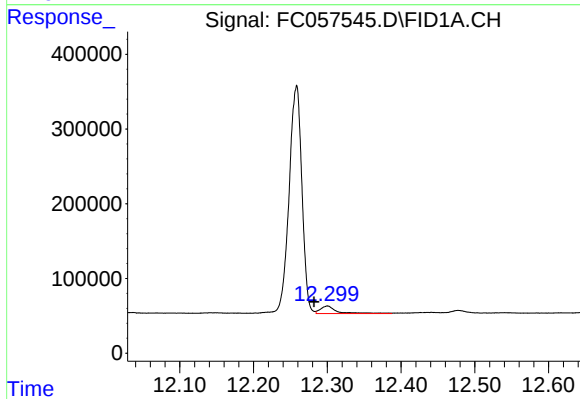
#10 n-Eicosane (C20)

R.T.: 11.810 min
Delta R.T.: -0.028 min
Response: 28507
Conc: 0.22 ug/ml



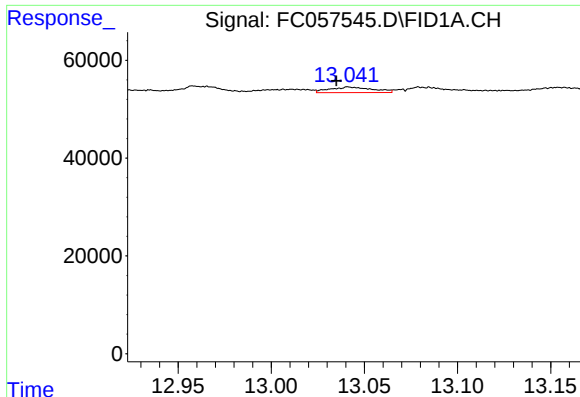
#11 n-Heneicosane (C21)

R.T.: 12.441 min
Delta R.T.: -0.009 min
Response: 40204
Conc: 0.31 ug/ml



#12 1-chlorooctadecane (SURR)

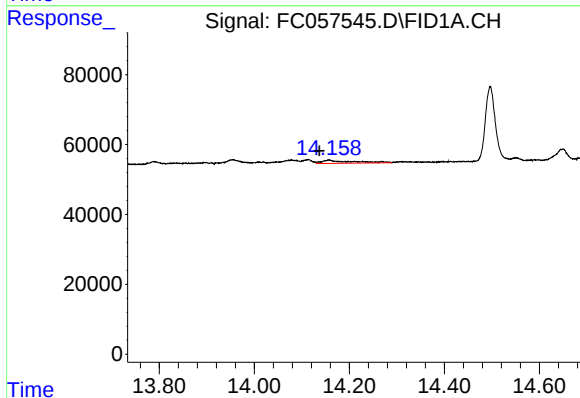
R.T.: 12.300 min
Delta R.T.: 0.018 min
Response: 158281
Conc: 1.43 ug/ml



#13 n-Docosane (C22)

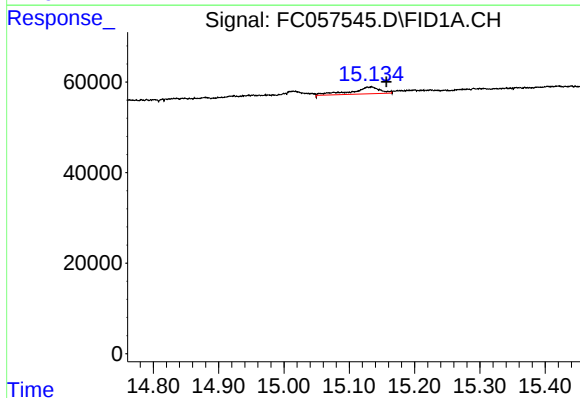
R.T.: 13.042 min
Delta R.T.: 0.007 min
Response: 18208
Conc: 0.14 ug/ml

Instrument :
FID_C
ClientSampleId :



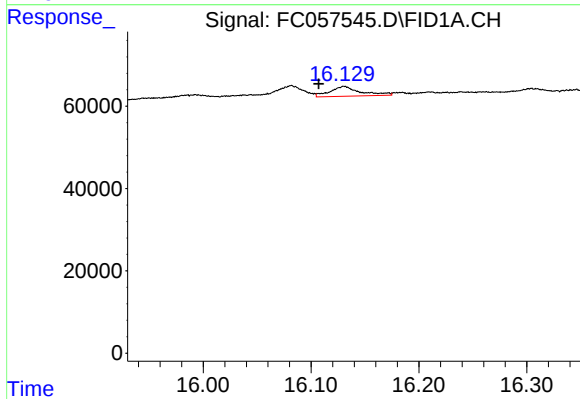
#14 n-Tetracosane (C24)

R.T.: 14.157 min
Delta R.T.: 0.020 min
Response: 40866
Conc: 0.31 ug/ml



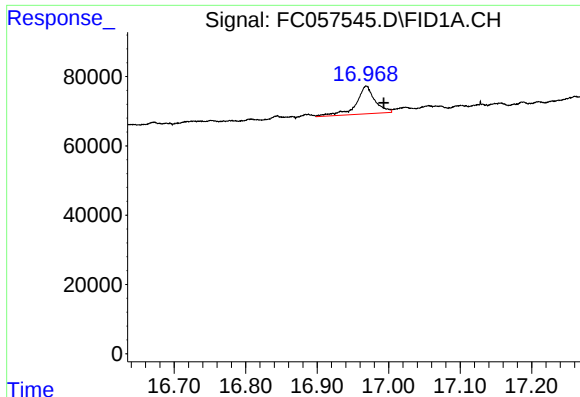
#15 n-Hexacosane (C26)

R.T.: 15.132 min
Delta R.T.: -0.025 min
Response: 45470
Conc: 0.35 ug/ml



#16 n-Octacosane (C28)

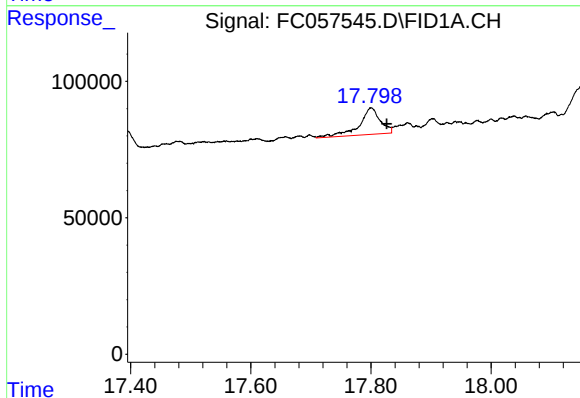
R.T.: 16.131 min
Delta R.T.: 0.024 min
Response: 47090
Conc: 0.36 ug/ml



#17 n-Tricontane (C30)

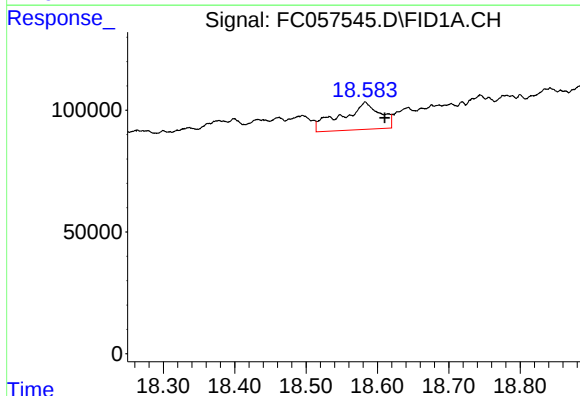
R.T.: 16.969 min
Delta R.T.: -0.024 min
Response: 146663
Conc: 1.07 ug/ml

Instrument :
FID_C
ClientSampleId :



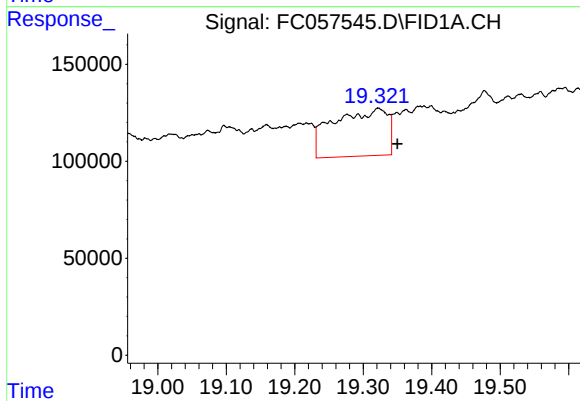
#18 n-Dotriacontane (C32)

R.T.: 17.800 min
Delta R.T.: -0.026 min
Response: 237490
Conc: 1.77 ug/ml



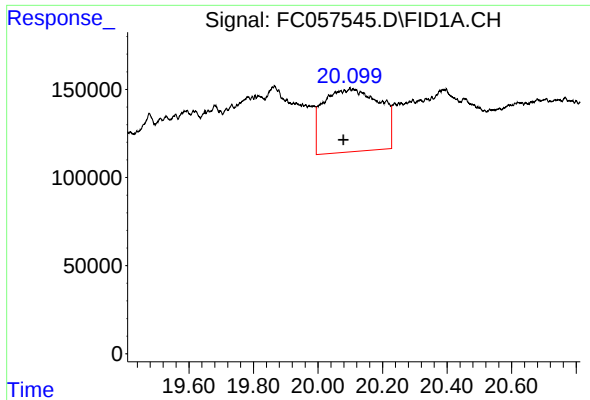
#19 n-Tetratriacontane (C34)

R.T.: 18.583 min
Delta R.T.: -0.027 min
Response: 421098
Conc: 3.23 ug/ml



#20 n-Hexatriacontane (C36)

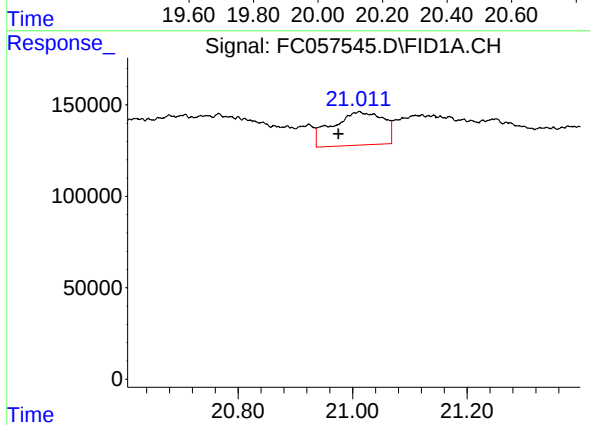
R.T.: 19.322 min
Delta R.T.: -0.028 min
Response: 1333854
Conc: 11.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.098 min
Delta R.T.: 0.019 min
Response: 4361220
Conc: 39.71 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.012 min
Delta R.T.: 0.037 min
Response: 1126514
Conc: 11.28 ug/ml