

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD039998.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 14:40
 Operator : AJ\MA
 Sample : M5079-04
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:41:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.762	6323631	40.281 ug/ml
Spiked Amount 50.000		Recovery =	80.56%
12) S 1-chlorooctadecane (S...	12.198	5820805	47.135 ug/ml
Spiked Amount 50.000		Recovery =	94.27%
Target Compounds			
1) T n-Nonane (C9)	2.679	4861	0.035 ug/ml
2) T n-Decane (C10)	3.662	14105	0.099 ug/ml
3) T A~Naphthalene (C11.7)	5.212	67987	0.424 ug/ml
4) T n-Dodecane (C12)	5.648	28475	0.199 ug/ml
5) T A~2-methylnaphthalene...	6.253	19316	0.120 ug/ml
6) T n-Tetradecane (C14)	7.423	43327	0.301 ug/ml
7) T n-Hexadecane (C16)	9.014	28914	0.199 ug/ml
8) T n-Octadecane (C18)	10.450	31966	0.215 ug/ml
10) T n-Eicosane (C20)	11.751	42140	0.288 ug/ml
11) T n-Heneicosane (C21)	12.383	45947	0.313 ug/ml
13) T n-Docosane (C22)	12.945	51012	0.349 ug/ml
14) T n-Tetracosane (C24)	14.045	11514	0.079 ug/ml
15) T n-Hexacosane (C26)	15.060	12813	0.091 ug/ml
16) T n-Octacosane (C28)	16.009	36146	0.267 ug/ml
17) T n-Tricontane (C30)	16.893	44246	0.339 ug/ml
18) T n-Dotriacontane (C32)	17.720	94269	0.757 ug/ml
19) T n-Tetratriacontane (C34)	18.507	59520	0.493 ug/ml
20) T n-Hexatriacontane (C36)	19.247	339570	2.953 ug/ml
21) T n-Octatriacontane (C38)	19.964	1031634	9.242 ug/ml
22) T n-Tetracontane (C40)	20.806	68157	0.598 ug/ml

(f)=RT Delta > 1/2 Window

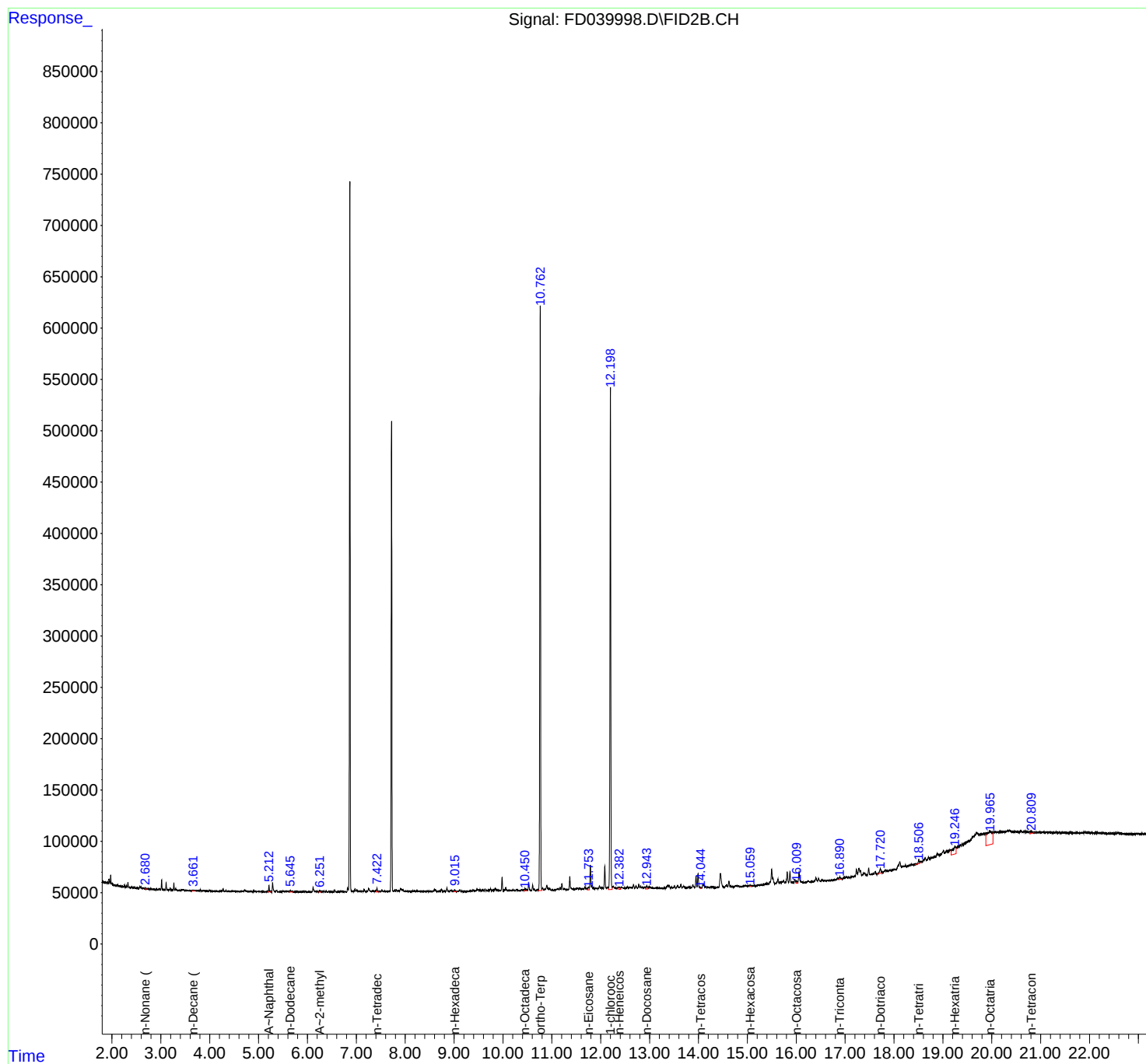
(m)=manual int.

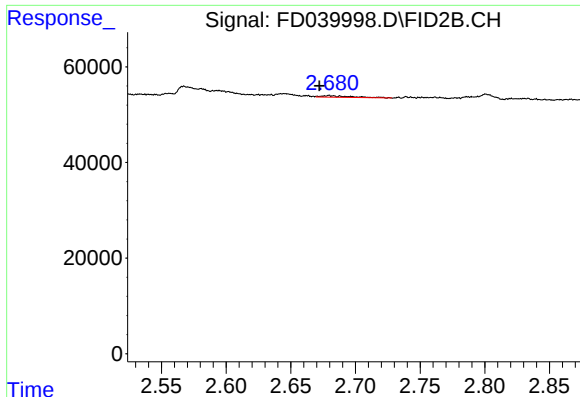
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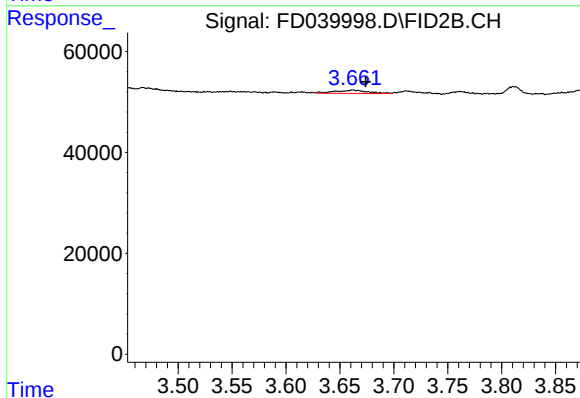




#1 n-Nonane (C9)

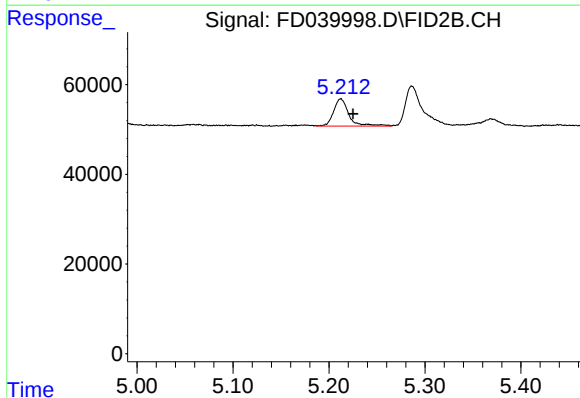
R.T.: 2.679 min
Delta R.T.: 0.007 min
Response: 4861
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



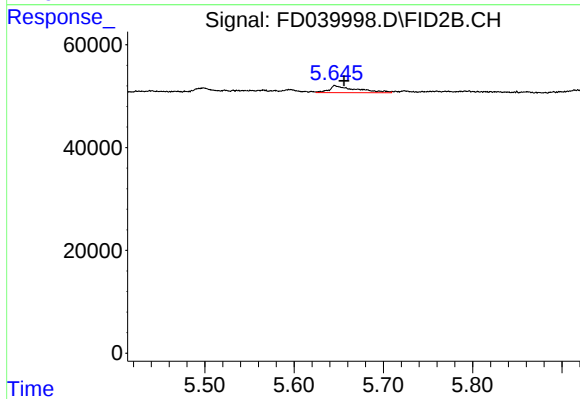
#2 n-Decane (C10)

R.T.: 3.662 min
Delta R.T.: -0.012 min
Response: 14105
Conc: 0.10 ug/ml



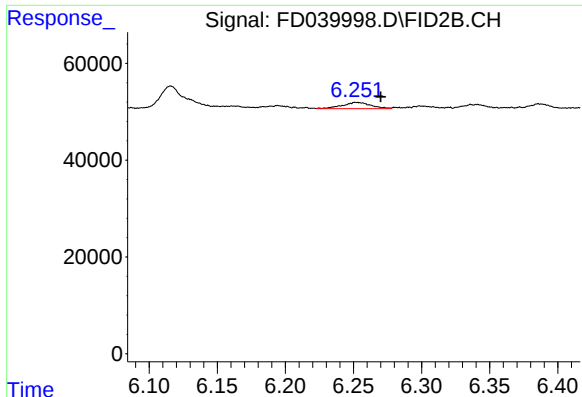
#3 A~Naphthalene (C11.7)

R.T.: 5.212 min
Delta R.T.: -0.013 min
Response: 67987
Conc: 0.42 ug/ml



#4 n-Dodecane (C12)

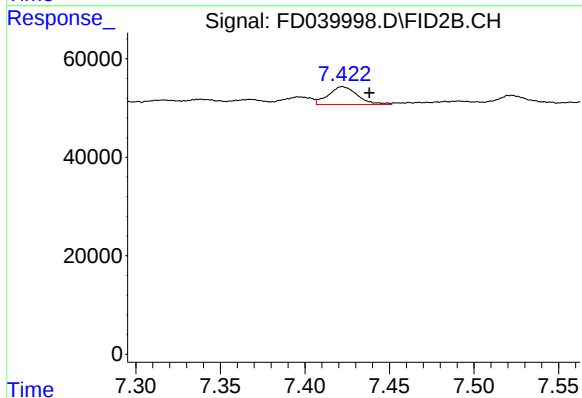
R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 28475
Conc: 0.20 ug/ml



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

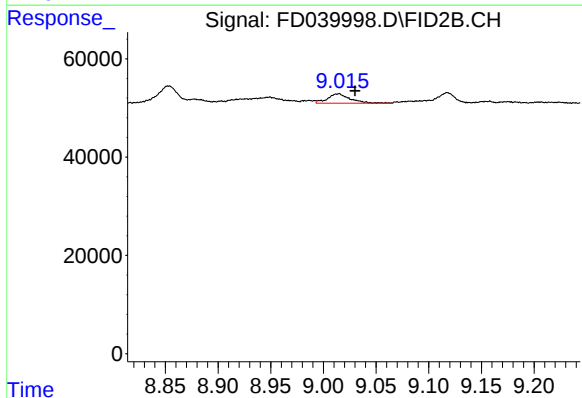
R.T.: 6.253 min
Delta R.T.: -0.017 min
Response: 19316
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



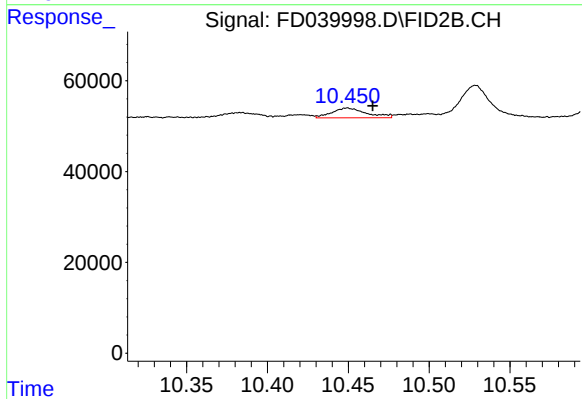
#6 n-Tetradecane (C14)

R.T.: 7.423 min
Delta R.T.: -0.015 min
Response: 43327
Conc: 0.30 ug/ml



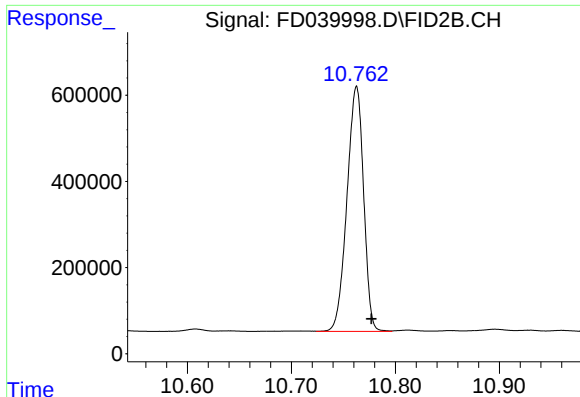
#7 n-Hexadecane (C16)

R.T.: 9.014 min
Delta R.T.: -0.016 min
Response: 28914
Conc: 0.20 ug/ml



#8 n-Octadecane (C18)

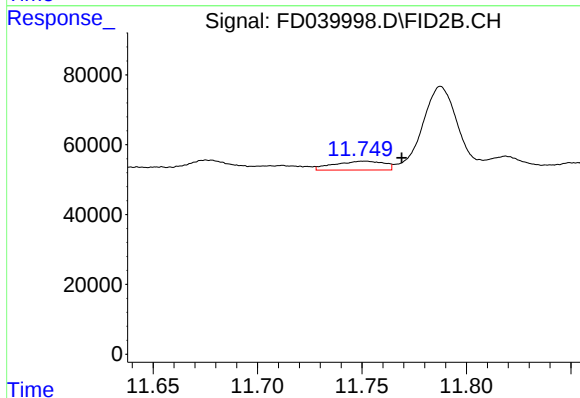
R.T.: 10.450 min
Delta R.T.: -0.015 min
Response: 31966
Conc: 0.21 ug/ml



#9 ortho-Terphenyl (SURR)

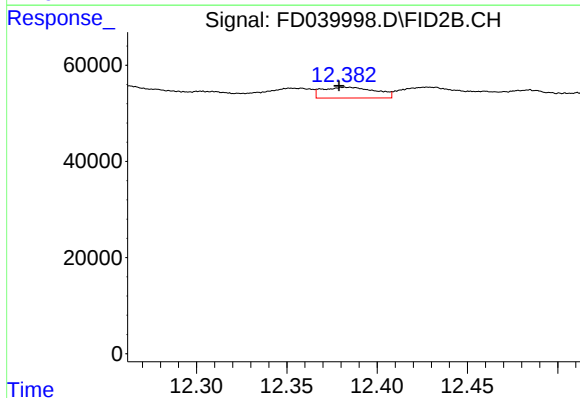
R.T.: 10.762 min
Delta R.T.: -0.015 min
Response: 6323631
Conc: 40.28 ug/ml

Instrument :
FID_D
ClientSampleId :



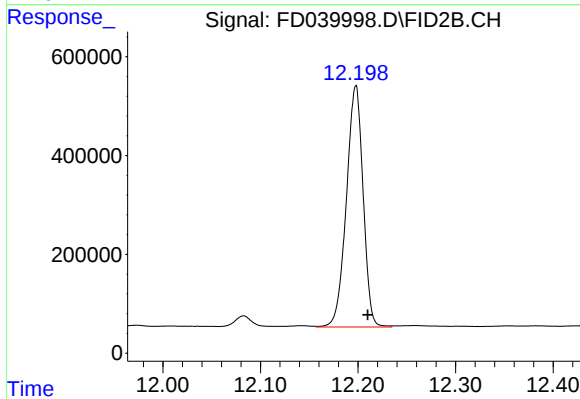
#10 n-Eicosane (C20)

R.T.: 11.751 min
Delta R.T.: -0.018 min
Response: 42140
Conc: 0.29 ug/ml



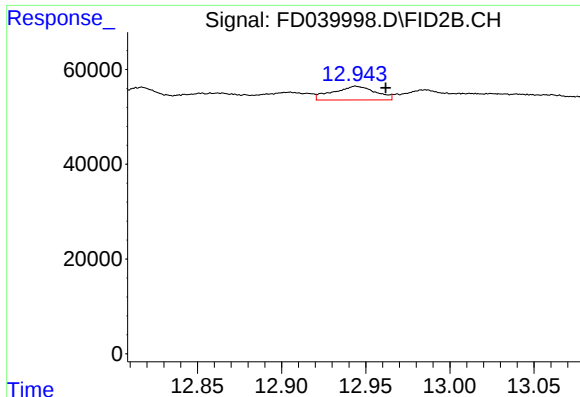
#11 n-Heneicosane (C21)

R.T.: 12.383 min
Delta R.T.: 0.004 min
Response: 45947
Conc: 0.31 ug/ml



#12 1-chlorooctadecane (SURR)

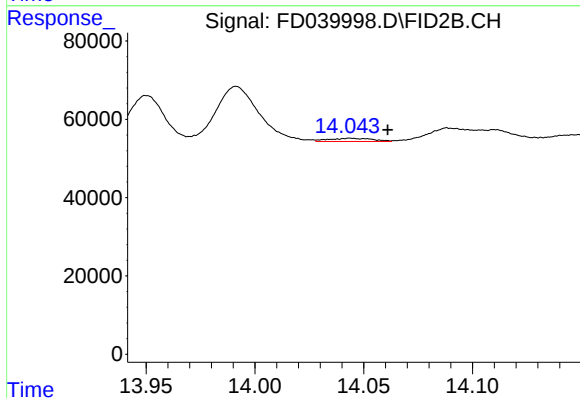
R.T.: 12.198 min
Delta R.T.: -0.012 min
Response: 5820805
Conc: 47.13 ug/ml



#13 n-Docosane (C22)

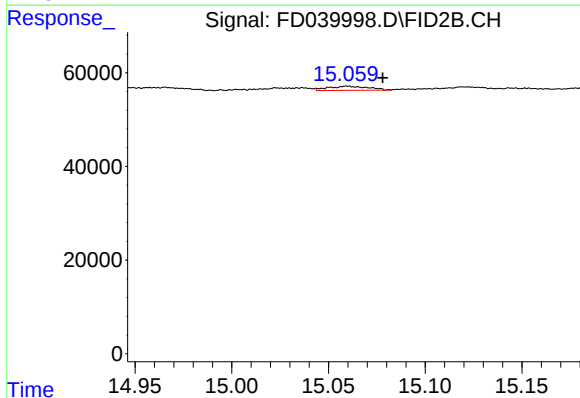
R.T.: 12.945 min
Delta R.T.: -0.017 min
Response: 51012
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



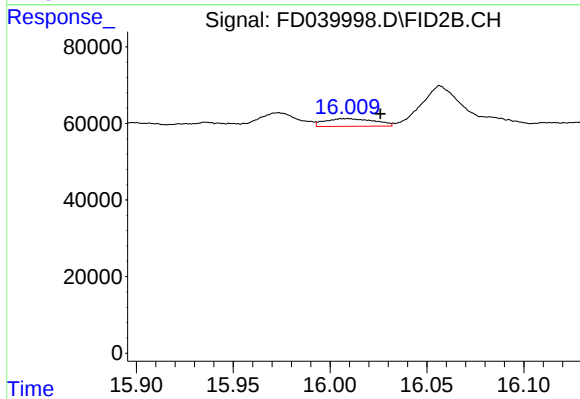
#14 n-Tetracosane (C24)

R.T.: 14.045 min
Delta R.T.: -0.016 min
Response: 11514
Conc: 0.08 ug/ml



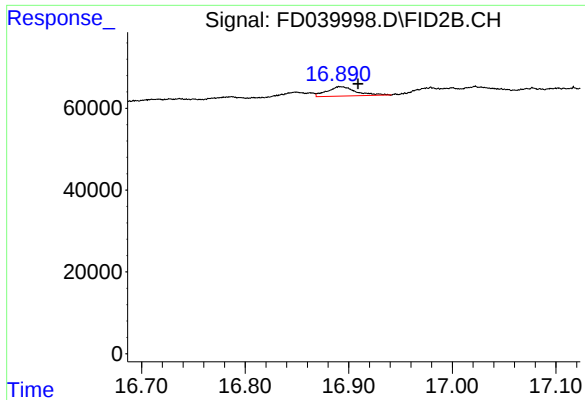
#15 n-Hexacosane (C26)

R.T.: 15.060 min
Delta R.T.: -0.018 min
Response: 12813
Conc: 0.09 ug/ml



#16 n-Octacosane (C28)

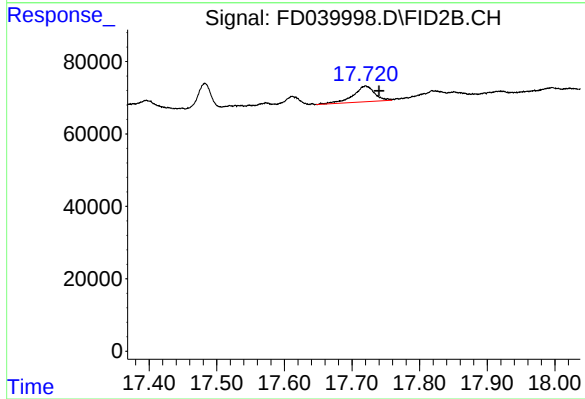
R.T.: 16.009 min
Delta R.T.: -0.017 min
Response: 36146
Conc: 0.27 ug/ml



#17 n-Tricontane (C30)

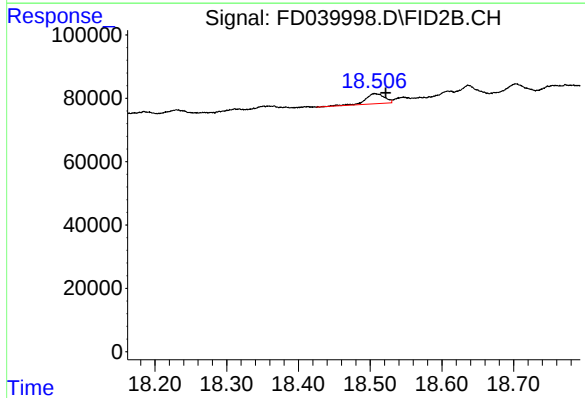
R.T.: 16.893 min
Delta R.T.: -0.016 min
Response: 44246
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



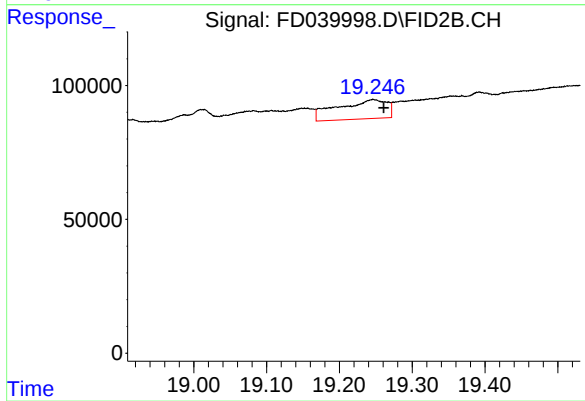
#18 n-Dotriacontane (C32)

R.T.: 17.720 min
Delta R.T.: -0.020 min
Response: 94269
Conc: 0.76 ug/ml



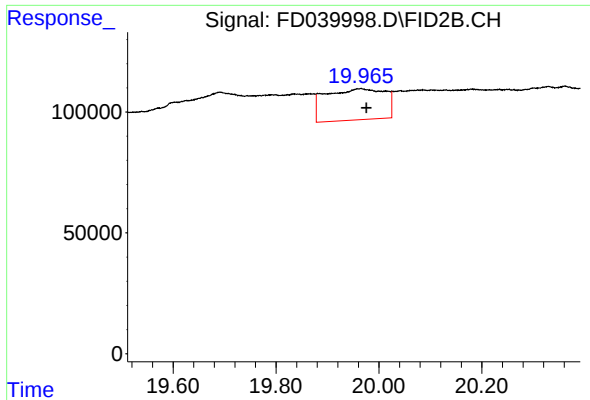
#19 n-Tetratriacontane (C34)

R.T.: 18.507 min
Delta R.T.: -0.015 min
Response: 59520
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

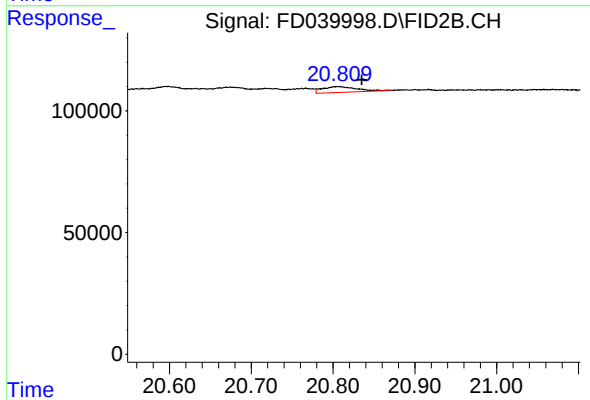
R.T.: 19.247 min
Delta R.T.: -0.014 min
Response: 339570
Conc: 2.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.964 min
Delta R.T.: -0.012 min
Response: 1031634
Conc: 9.24 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.806 min
Delta R.T.: -0.029 min
Response: 68157
Conc: 0.60 ug/ml