

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040000.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 15:48
 Operator : AJ\MA
 Sample : M5086-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:42:47 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)	10.764	7250188	46.183 ug/ml
Spiked Amount 50.000		Recovery =	92.37%
12) S 1-chlorooctadecane (S...	12.198	5896675	47.749 ug/ml
Spiked Amount 50.000		Recovery =	95.50%
Target Compounds			
1) T n-Nonane (C9)	2.680	5782	0.041 ug/ml
2) T n-Decane (C10)	3.660	17531	0.123 ug/ml
3) T A~Naphthalene (C11.7)	5.210	172115	1.072 ug/ml
4) T n-Dodecane (C12)	5.654	25952	0.182 ug/ml
5) T A~2-methylnaphthalene...	6.253	64380	0.399 ug/ml
6) T n-Tetradecane (C14)	7.423	51039	0.354 ug/ml
7) T n-Hexadecane (C16)	9.013	90846	0.624 ug/ml
8) T n-Octadecane (C18)	10.480	41080	0.276 ug/ml
10) T n-Eicosane (C20)	11.752	72503	0.496 ug/ml
11) T n-Heneicosane (C21)	12.358	201393	1.371 ug/ml
13) T n-Docosane (C22)	12.946	146023	1.000 ug/ml
14) T n-Tetracosane (C24)	14.044	41745	0.287 ug/ml
15) T n-Hexacosane (C26)	15.062	62803	0.448 ug/ml
16) T n-Octacosane (C28)	16.017	124913	0.921 ug/ml
17) T n-Tricontane (C30)	16.892	141014	1.079 ug/ml
18) T n-Dotriacontane (C32)	17.713	288717	2.320 ug/ml
19) T n-Tetratriacontane (C34)	18.509	146023	1.209 ug/ml
20) T n-Hexatriacontane (C36)	19.246	226485	1.969 ug/ml
21) T n-Octatriacontane (C38)	19.974	951767	8.527 ug/ml
22) T n-Tetracontane (C40)	20.802	87469	0.768 ug/ml

(f)=RT Delta > 1/2 Window

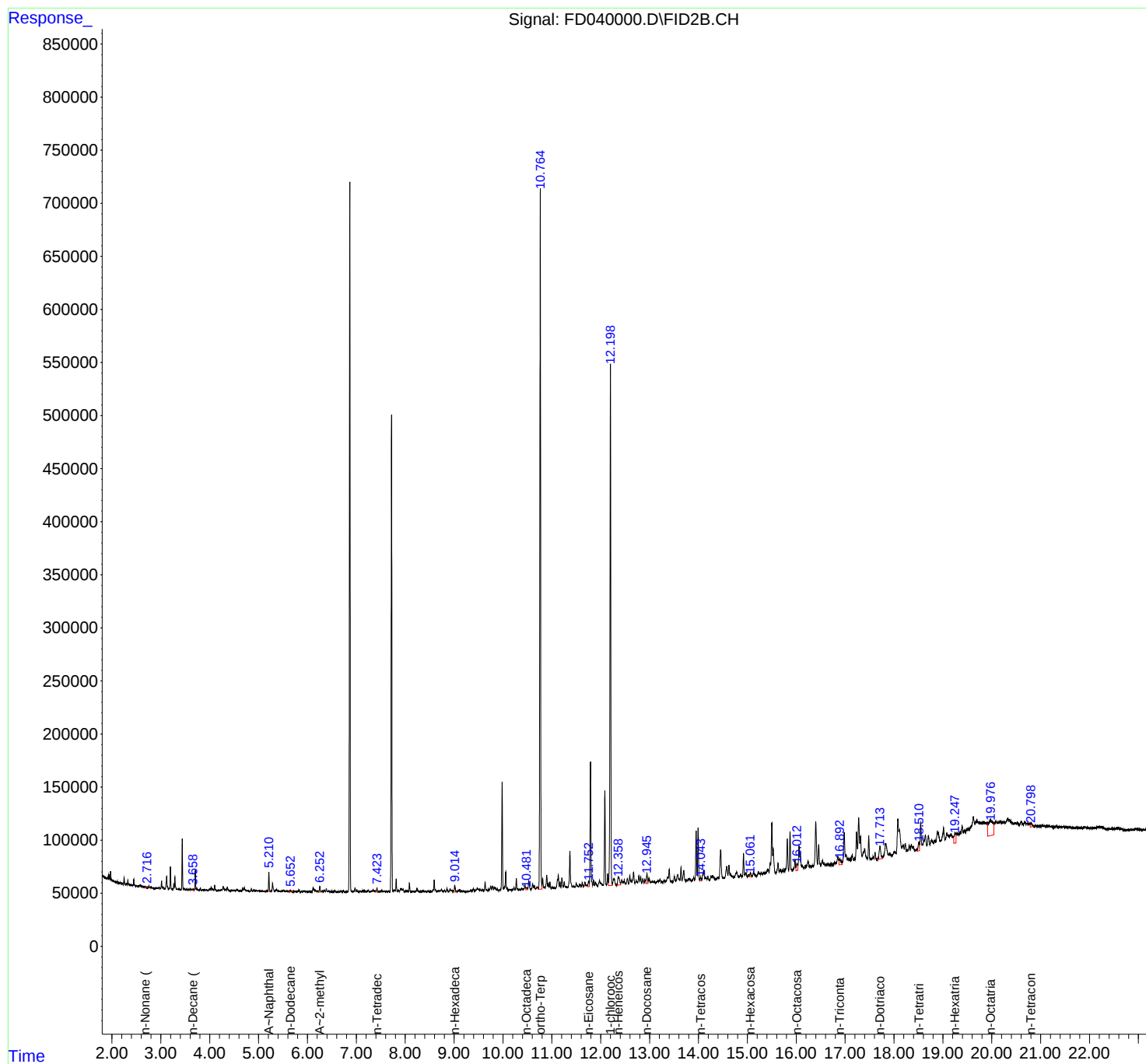
(m)=manual int.

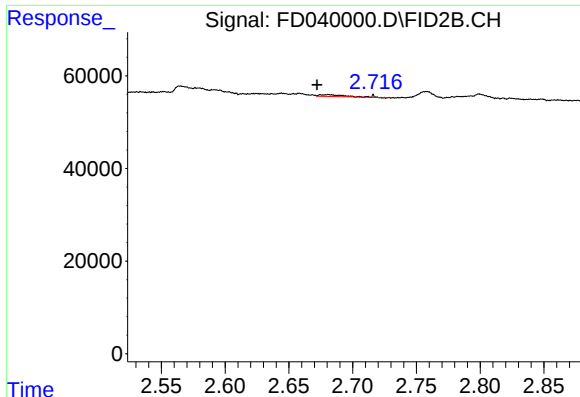
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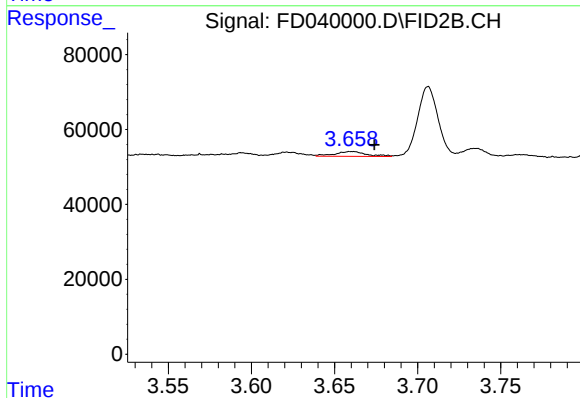




#1 n-Nonane (C9)

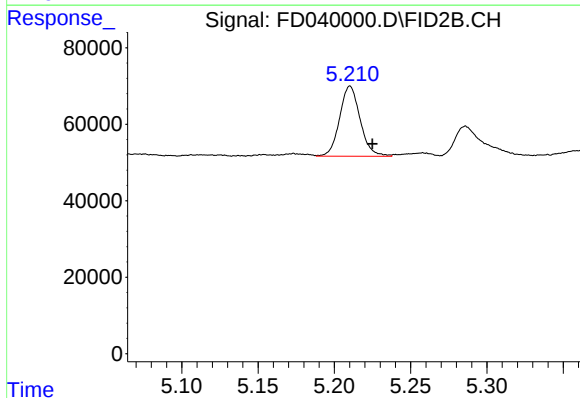
R.T.: 2.680 min
Delta R.T.: 0.008 min
Response: 5782
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



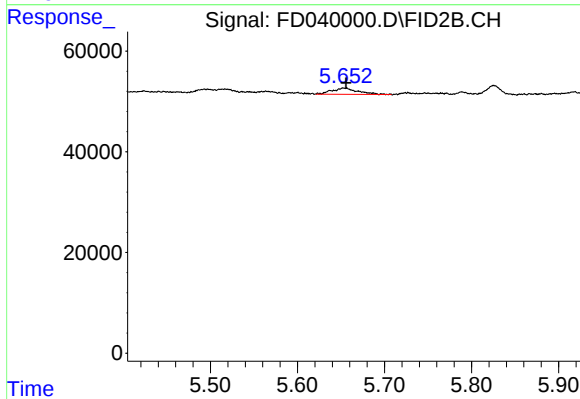
#2 n-Decane (C10)

R.T.: 3.660 min
Delta R.T.: -0.014 min
Response: 17531
Conc: 0.12 ug/ml



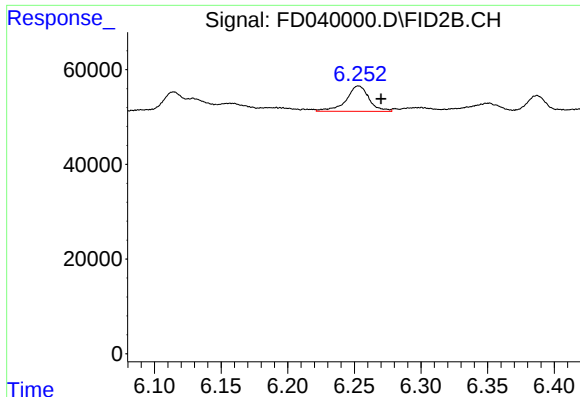
#3 A~Naphthalene (C11.7)

R.T.: 5.210 min
Delta R.T.: -0.015 min
Response: 172115
Conc: 1.07 ug/ml



#4 n-Dodecane (C12)

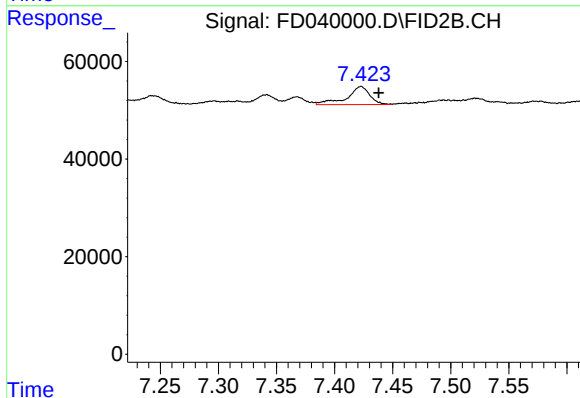
R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 25952
Conc: 0.18 ug/ml



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

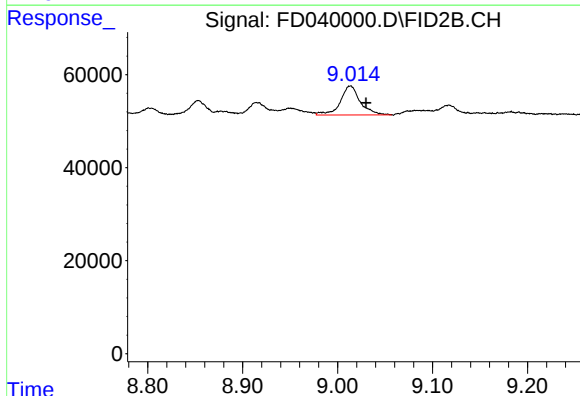
R.T.: 6.253 min
Delta R.T.: -0.017 min
Response: 64380
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



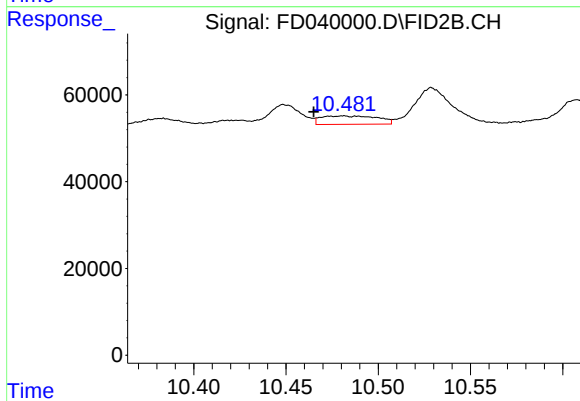
#6 n-Tetradecane (C14)

R.T.: 7.423 min
Delta R.T.: -0.015 min
Response: 51039
Conc: 0.35 ug/ml



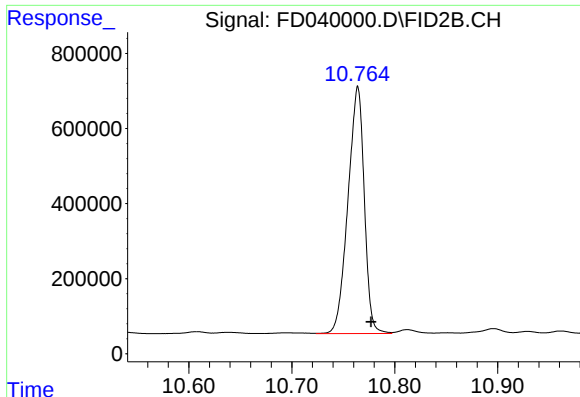
#7 n-Hexadecane (C16)

R.T.: 9.013 min
Delta R.T.: -0.017 min
Response: 90846
Conc: 0.62 ug/ml



#8 n-Octadecane (C18)

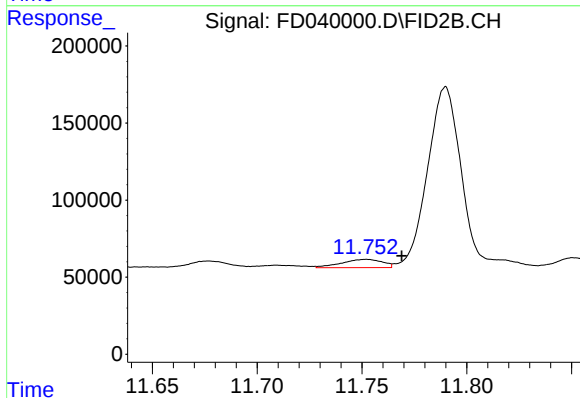
R.T.: 10.480 min
Delta R.T.: 0.015 min
Response: 41080
Conc: 0.28 ug/ml



#9 ortho-Terphenyl (SURR)

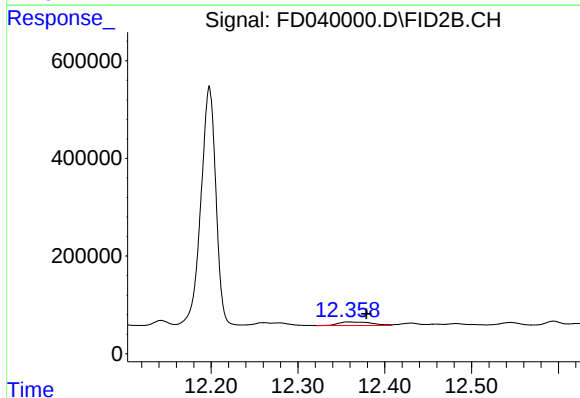
R.T.: 10.764 min
Delta R.T.: -0.013 min
Response: 7250188
Conc: 46.18 ug/ml

Instrument :
FID_D
ClientSampleId :



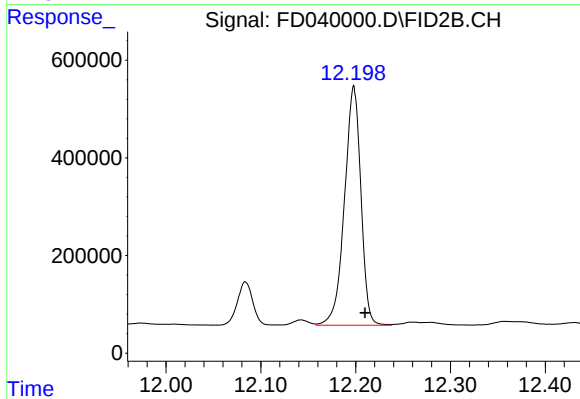
#10 n-Eicosane (C20)

R.T.: 11.752 min
Delta R.T.: -0.017 min
Response: 72503
Conc: 0.50 ug/ml



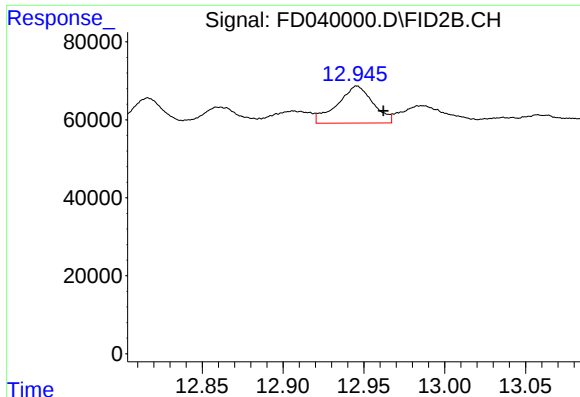
#11 n-Heneicosane (C21)

R.T.: 12.358 min
Delta R.T.: -0.021 min
Response: 201393
Conc: 1.37 ug/ml



#12 1-chlorooctadecane (SURR)

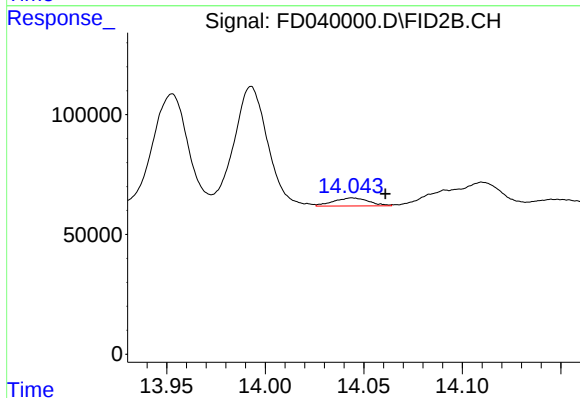
R.T.: 12.198 min
Delta R.T.: -0.012 min
Response: 5896675
Conc: 47.75 ug/ml



#13 n-Docosane (C22)

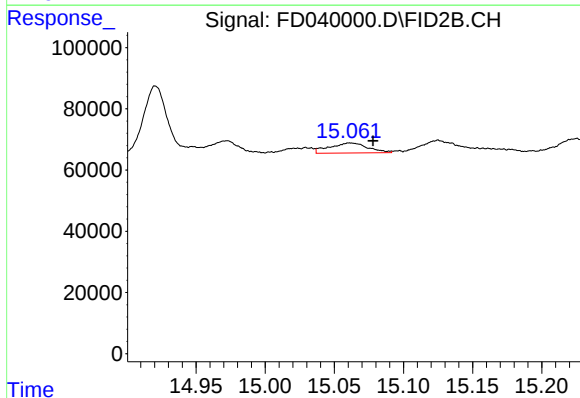
R.T.: 12.946 min
Delta R.T.: -0.016 min
Response: 146023
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



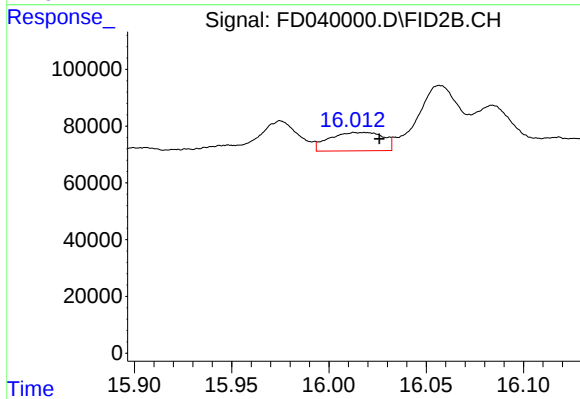
#14 n-Tetracosane (C24)

R.T.: 14.044 min
Delta R.T.: -0.017 min
Response: 41745
Conc: 0.29 ug/ml



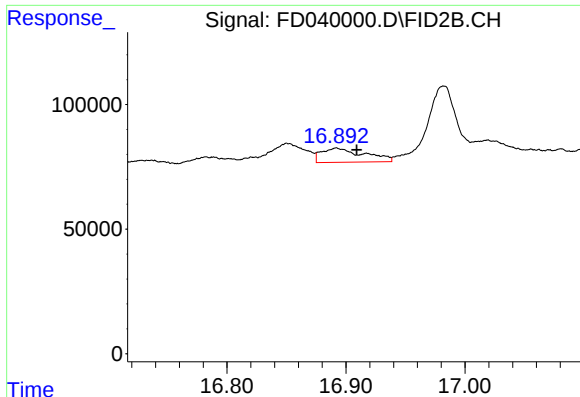
#15 n-Hexacosane (C26)

R.T.: 15.062 min
Delta R.T.: -0.016 min
Response: 62803
Conc: 0.45 ug/ml



#16 n-Octacosane (C28)

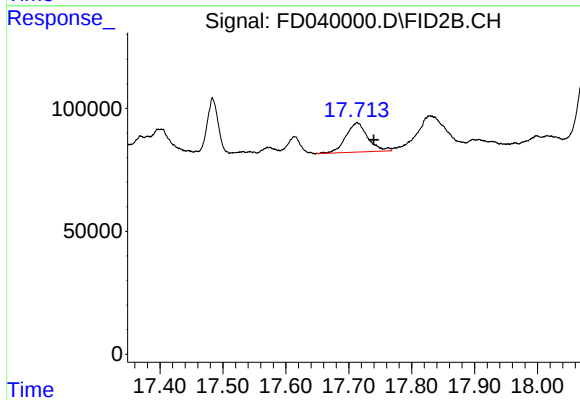
R.T.: 16.017 min
Delta R.T.: -0.009 min
Response: 124913
Conc: 0.92 ug/ml



#17 n-Tricontane (C30)

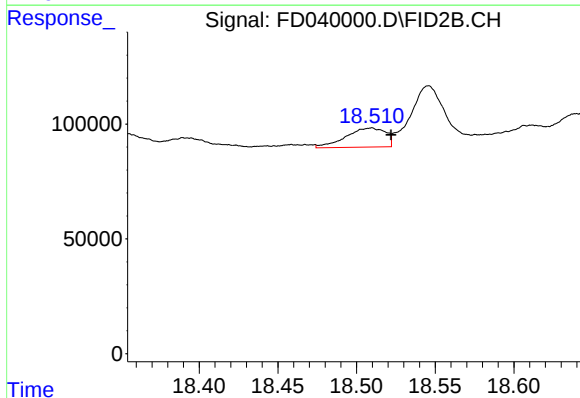
R.T.: 16.892 min
Delta R.T.: -0.017 min
Response: 141014
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



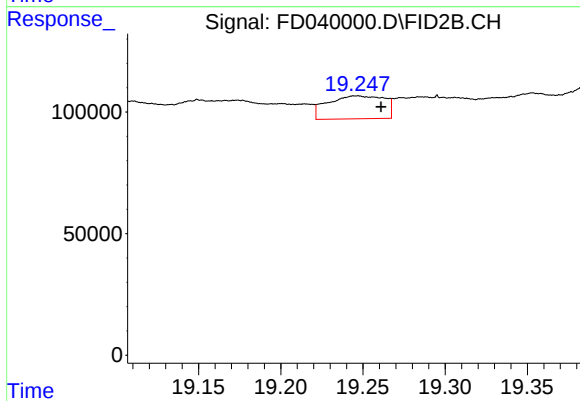
#18 n-Dotriacontane (C32)

R.T.: 17.713 min
Delta R.T.: -0.027 min
Response: 288717
Conc: 2.32 ug/ml



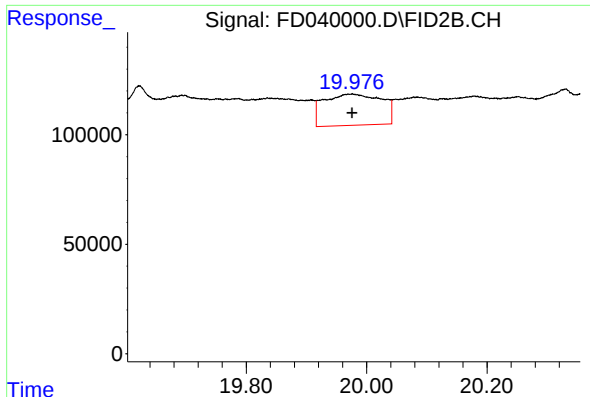
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min
Delta R.T.: -0.013 min
Response: 146023
Conc: 1.21 ug/ml



#20 n-Hexatriacontane (C36)

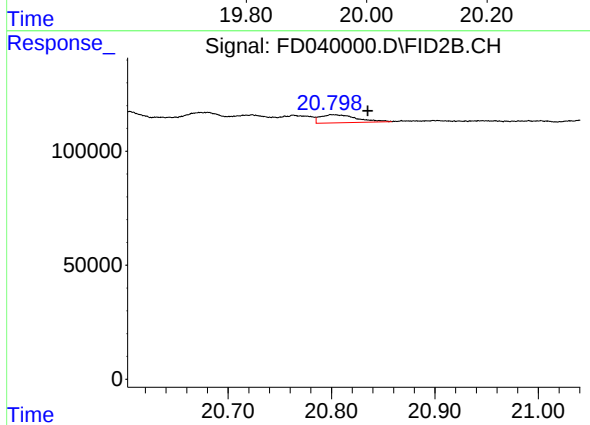
R.T.: 19.246 min
Delta R.T.: -0.015 min
Response: 226485
Conc: 1.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.974 min
Delta R.T.: -0.002 min
Response: 951767
Conc: 8.53 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.802 min
Delta R.T.: -0.033 min
Response: 87469
Conc: 0.77 ug/ml