

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052122AL\
 Data File : FD042598.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 5:54
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 06:20:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 2022
 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

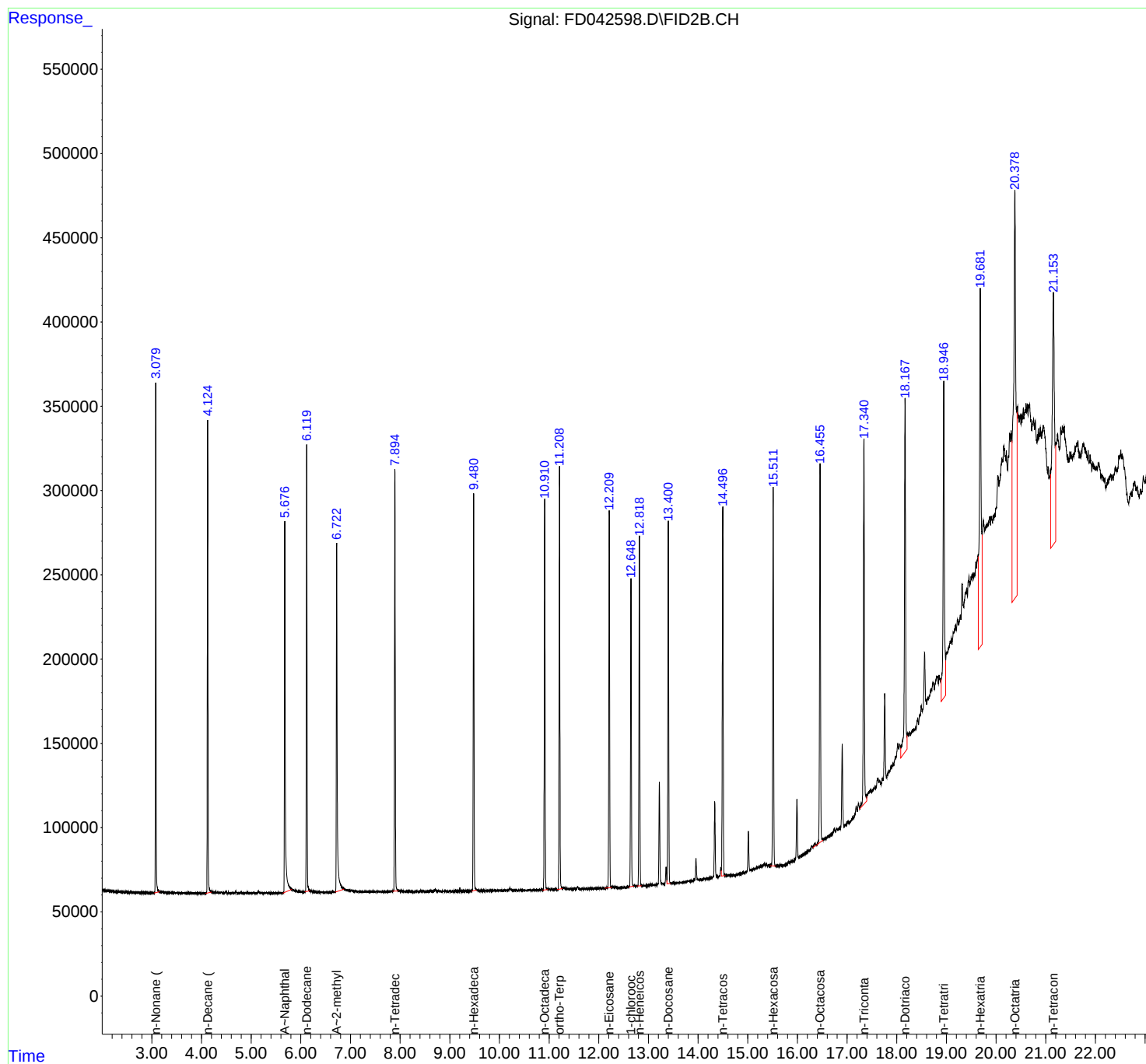
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.209	2769473	16.527 ug/ml
Spiked Amount 50.000		Recovery =	33.05%
12) S 1-chlorooctadecane (S...	12.648	2137795	16.580 ug/ml
Spiked Amount 50.000		Recovery =	33.16%
Target Compounds			
1) T n-Nonane (C9)	3.079	2561723	16.869 ug/ml
2) T n-Decane (C10)	4.125	2559686	17.014 ug/ml
3) T A~Naphthalene (C11.7)	5.677	2594604	16.844 ug/ml
4) T n-Dodecane (C12)	6.119	2618711	16.666 ug/ml
5) T A~2-methylnaphthalene...	6.723	2604020	16.922 ug/ml
6) T n-Tetradecane (C14)	7.894	2612580	16.580 ug/ml
7) T n-Hexadecane (C16)	9.480	2605841	16.499 ug/ml
8) T n-Octadecane (C18)	10.911	2608563	16.539 ug/ml
10) T n-Eicosane (C20)	12.210	2559665	16.617 ug/ml
11) T n-Heneicosane (C21)	12.818	2510551	16.420 ug/ml
13) T n-Docosane (C22)	13.400	2617109	17.478 ug/ml
14) T n-Tetracosane (C24)	14.496	2731863	18.939 ug/ml
15) T n-Hexacosane (C26)	15.511	2819100	20.130 ug/ml
16) T n-Octacosane (C28)	16.456	3011384	22.090 ug/ml
17) T n-Tricontane (C30)	17.339	3190942	23.968 ug/ml
18) T n-Dotriacontane (C32)	18.167	3449248	27.107 ug/ml
19) T n-Tetratriacontane (C34)	18.946	3385900	28.054 ug/ml
20) T n-Hexatriacontane (C36)	19.681	5006547	44.207 ug/ml
21) T n-Octatriacontane (C38)	20.378	8725221	80.799 ug/ml
22) T n-Tetracontane (C40)	21.154	5255690	49.268 ug/ml

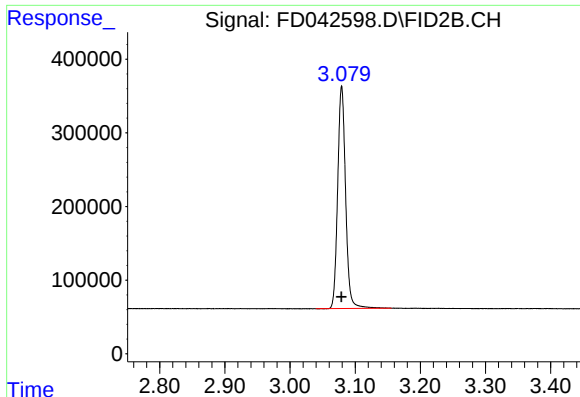
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

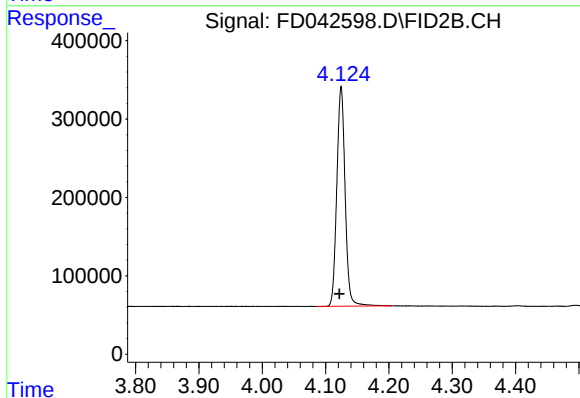




#1 n-Nonane (C9)

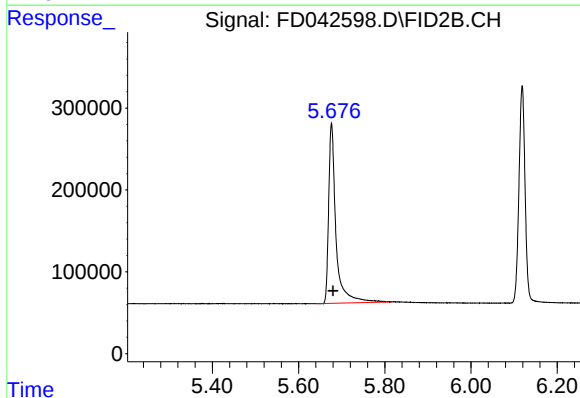
R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 2561723
Conc: 16.87 ug/ml

Instrument :
FID_D
ClientSampleId :



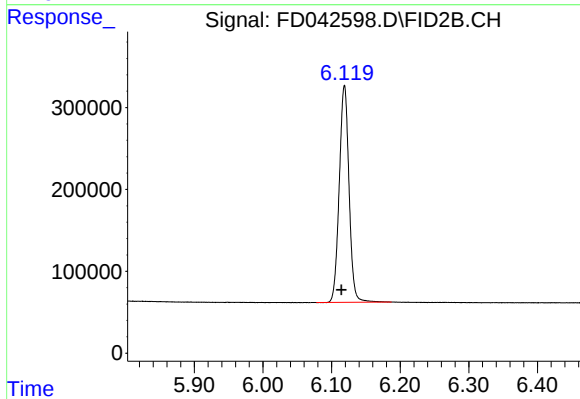
#2 n-Decane (C10)

R.T.: 4.125 min
Delta R.T.: 0.003 min
Response: 2559686
Conc: 17.01 ug/ml



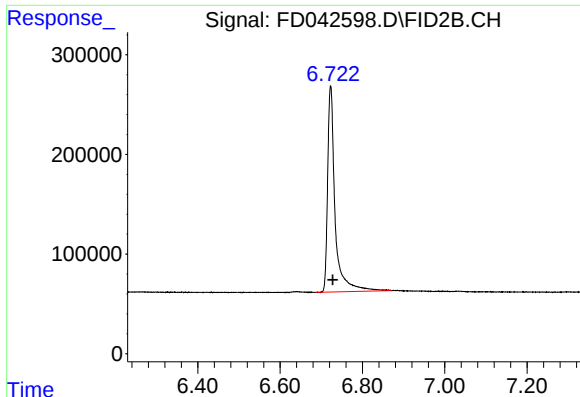
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 2594604
Conc: 16.84 ug/ml



#4 n-Dodecane (C12)

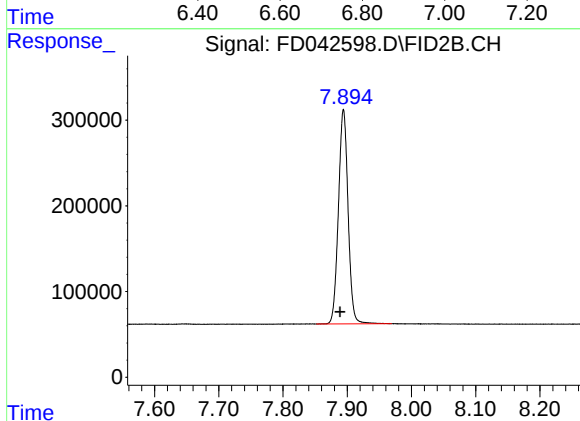
R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 2618711
Conc: 16.67 ug/ml



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

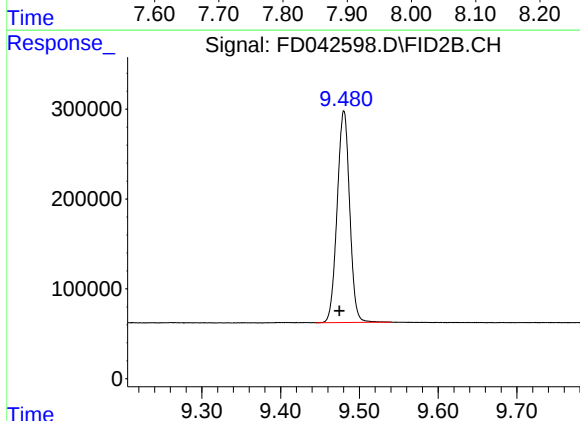
R.T.: 6.723 min
Delta R.T.: -0.005 min
Response: 2604020
Conc: 16.92 ug/ml

Instrument :
FID_D
ClientSampleId :



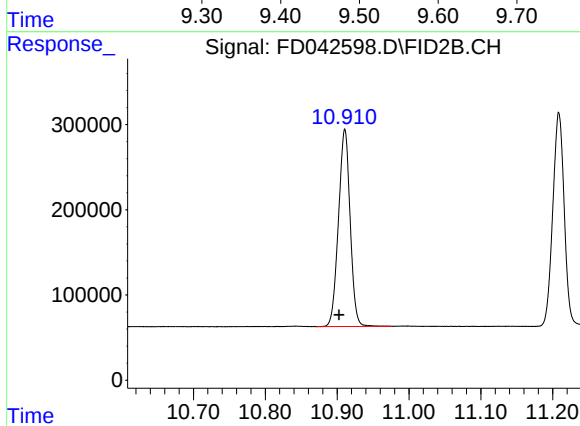
#6 n-Tetradecane (C14)

R.T.: 7.894 min
Delta R.T.: 0.005 min
Response: 2612580
Conc: 16.58 ug/ml



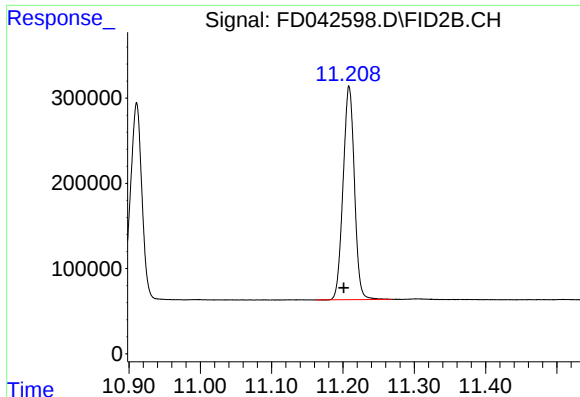
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: 0.006 min
Response: 2605841
Conc: 16.50 ug/ml



#8 n-Octadecane (C18)

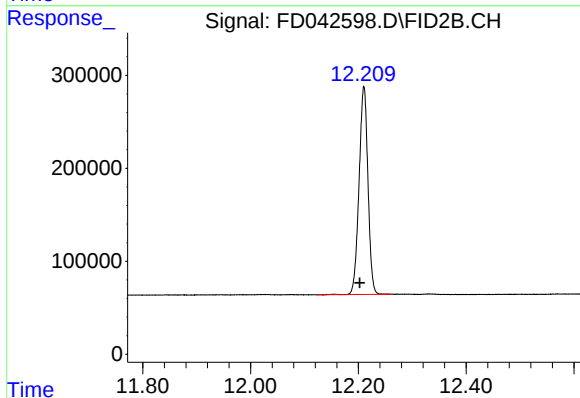
R.T.: 10.911 min
Delta R.T.: 0.008 min
Response: 2608563
Conc: 16.54 ug/ml



#9 ortho-Terphenyl (SURR)

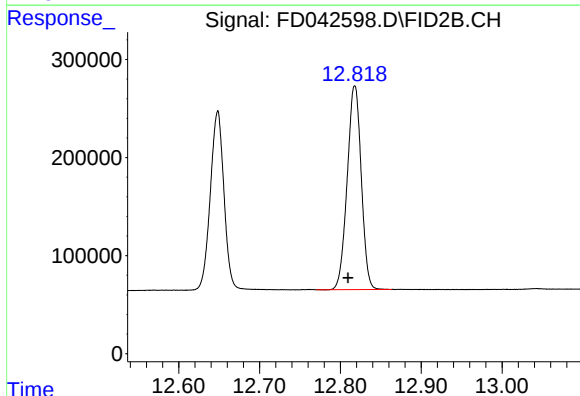
R.T.: 11.209 min
Delta R.T.: 0.008 min
Response: 2769473
Conc: 16.53 ug/ml

Instrument :
FID_D
ClientSampleId :



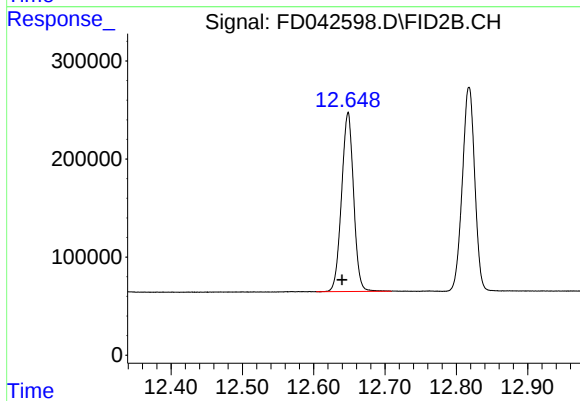
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.008 min
Response: 2559665
Conc: 16.62 ug/ml



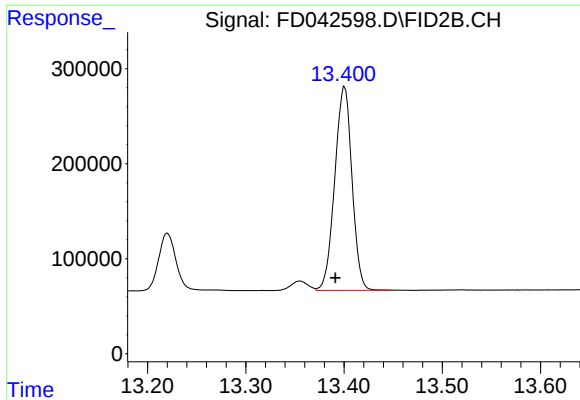
#11 n-Heneicosane (C21)

R.T.: 12.818 min
Delta R.T.: 0.008 min
Response: 2510551
Conc: 16.42 ug/ml



#12 1-chlorooctadecane (SURR)

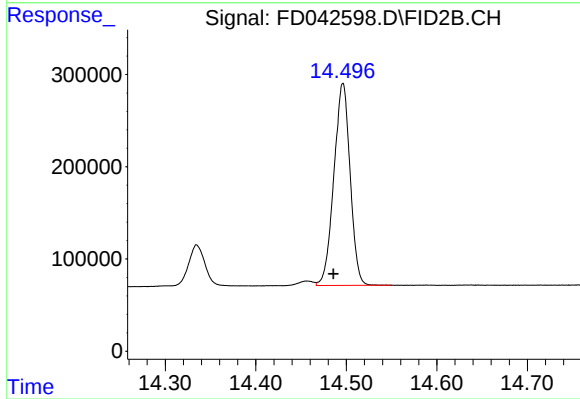
R.T.: 12.648 min
Delta R.T.: 0.009 min
Response: 2137795
Conc: 16.58 ug/ml



#13 n-Docosane (C22)

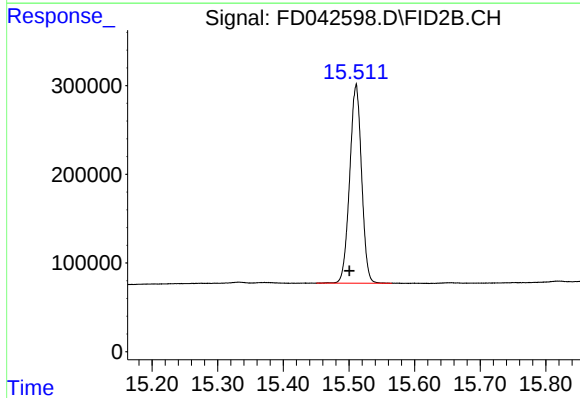
R.T.: 13.400 min
Delta R.T.: 0.009 min
Response: 2617109
Conc: 17.48 ug/ml

Instrument :
FID_D
ClientSampleId :



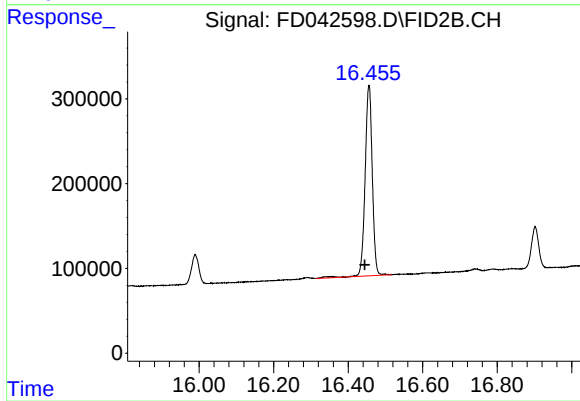
#14 n-Tetracosane (C24)

R.T.: 14.496 min
Delta R.T.: 0.010 min
Response: 2731863
Conc: 18.94 ug/ml



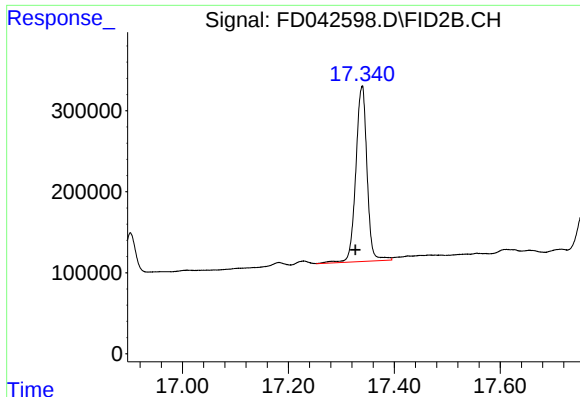
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.010 min
Response: 2819100
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

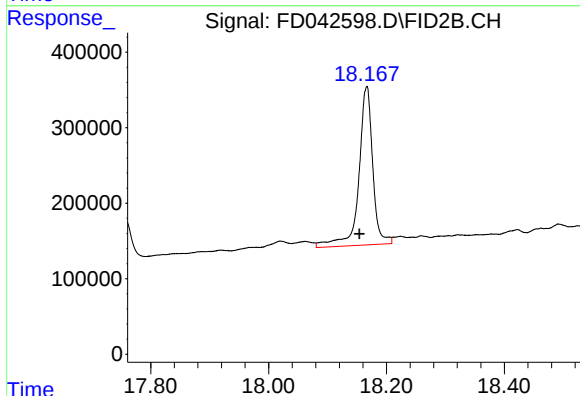
R.T.: 16.456 min
Delta R.T.: 0.012 min
Response: 3011384
Conc: 22.09 ug/ml



#17 n-Tricontane (C30)

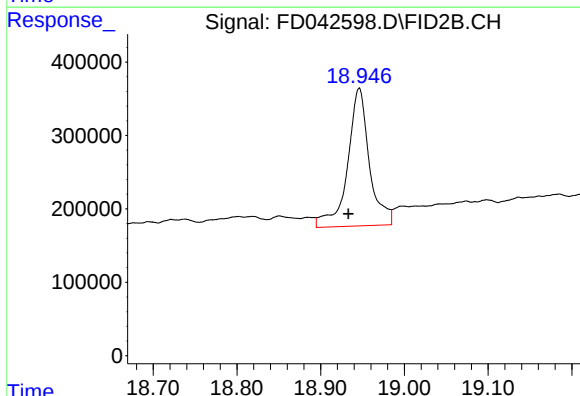
R.T.: 17.339 min
Delta R.T.: 0.013 min
Response: 3190942
Conc: 23.97 ug/ml

Instrument :
FID_D
ClientSampleId :



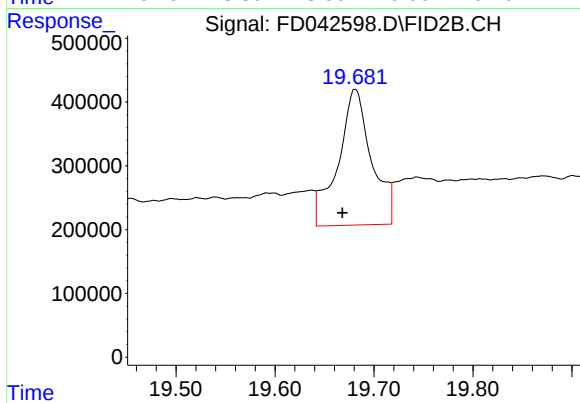
#18 n-Dotriacontane (C32)

R.T.: 18.167 min
Delta R.T.: 0.012 min
Response: 3449248
Conc: 27.11 ug/ml



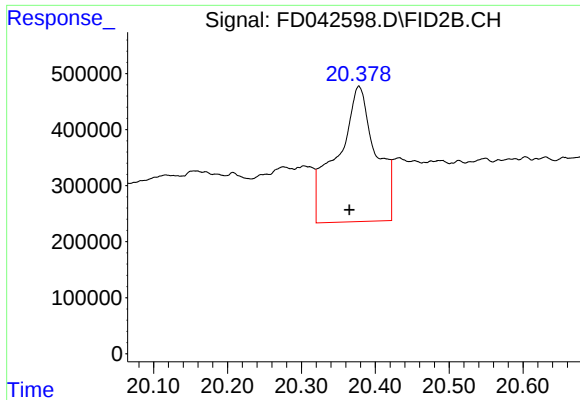
#19 n-Tetratriacontane (C34)

R.T.: 18.946 min
Delta R.T.: 0.013 min
Response: 3385900
Conc: 28.05 ug/ml



#20 n-Hexatriacontane (C36)

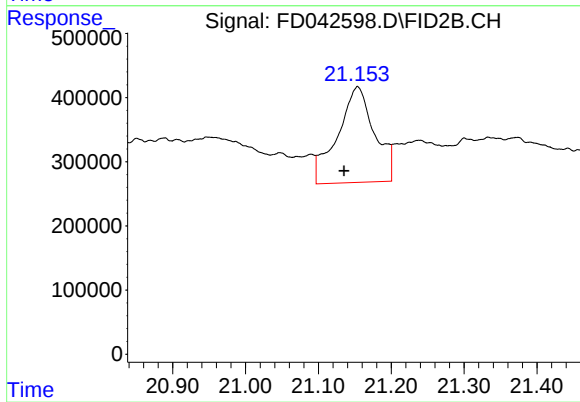
R.T.: 19.681 min
Delta R.T.: 0.013 min
Response: 5006547
Conc: 44.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.378 min
Delta R.T.: 0.013 min
Response: 8725221
Conc: 80.80 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.154 min
Delta R.T.: 0.019 min
Response: 5255690
Conc: 49.27 ug/ml