

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040720AL\
 Data File : FD032861.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2020 14:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 01:54:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 2020
 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)	11.502	2940252	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	12.933	2304851	19.637 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.312	2629534	19.666 ug/ml
2) T n-Decane (C10)	4.371	2633485	19.657 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2904645	19.708 ug/ml
4) T n-Dodecane (C12)	6.376	2661313	19.628 ug/ml
5) T A~2-methylnaphthalene...	6.995	2923663	19.680 ug/ml
6) T n-Tetradecane (C14)	8.161	2672752	19.549 ug/ml
7) T n-Hexadecane (C16)	9.753	2688039	19.567 ug/ml
8) T n-Octadecane (C18)	11.188	2713795	19.597 ug/ml
10) T n-Eicosane (C20)	12.491	2720041	19.582 ug/ml
11) T n-Heneicosane (C21)	13.100	2740157	19.562 ug/ml
13) T n-Docosane (C22)	13.683	2720718	19.596 ug/ml
14) T n-Tetracosane (C24)	14.781	2700674	19.681 ug/ml
15) T n-Hexacosane (C26)	15.796	2616970	19.680 ug/ml
16) T n-Octacosane (C28)	16.742	2488855	19.718 ug/ml
17) T n-Tricontane (C30)	17.625	2243065	19.706 ug/ml
18) T n-Dotriacontane (C32)	18.451	1655069	19.703 ug/ml
19) T n-Tetratriacontane (C34)	19.232	1194869	19.701 ug/ml
20) T n-Hexatriacontane (C36)	19.967	993149	19.794 ug/ml
21) T n-Octatriacontane (C38)	20.680	952735	19.789 ug/ml
22) T n-Tetracontane (C40)	21.537	964114	19.107 ug/ml

(f)=RT Delta > 1/2 Window

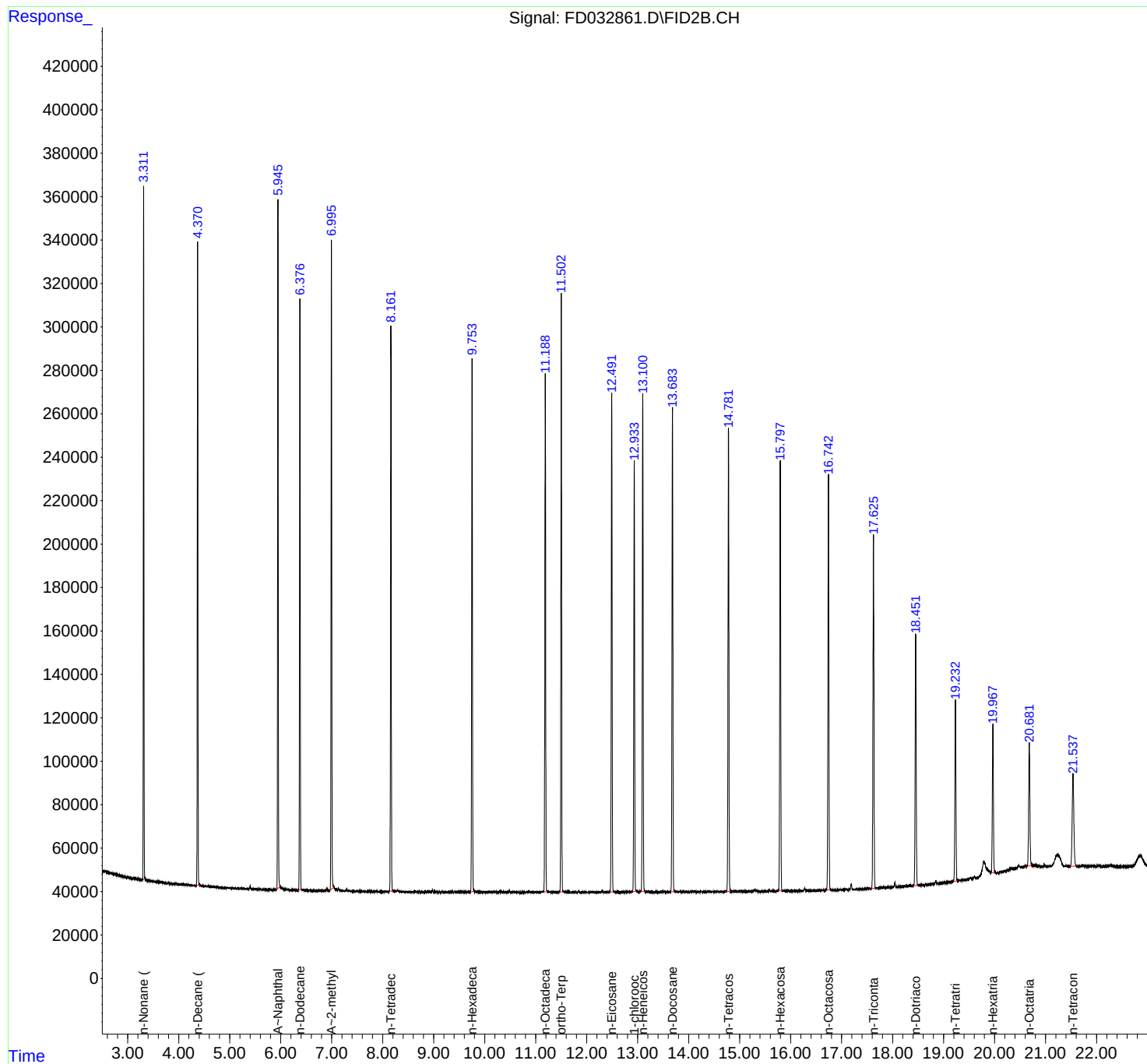
(m)=manual int.

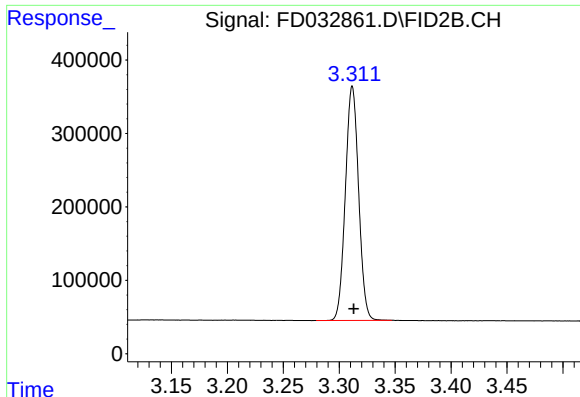
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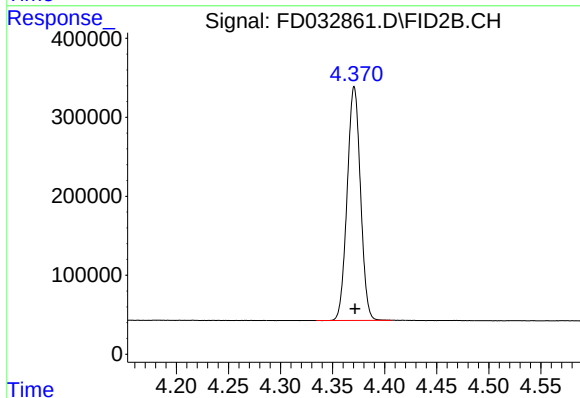




#1 n-Nonane (C9)

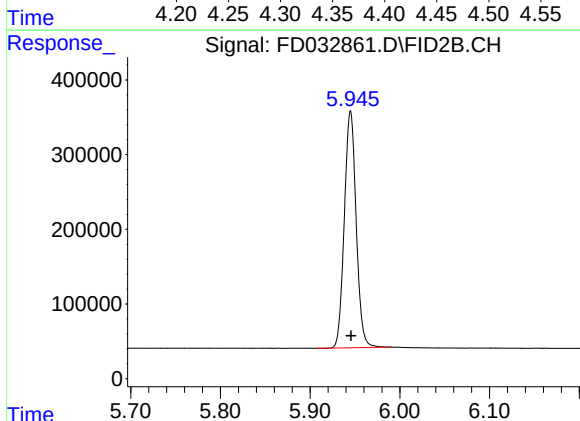
R.T.: 3.312 min
Delta R.T.: -0.001 min
Response: 2629534
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



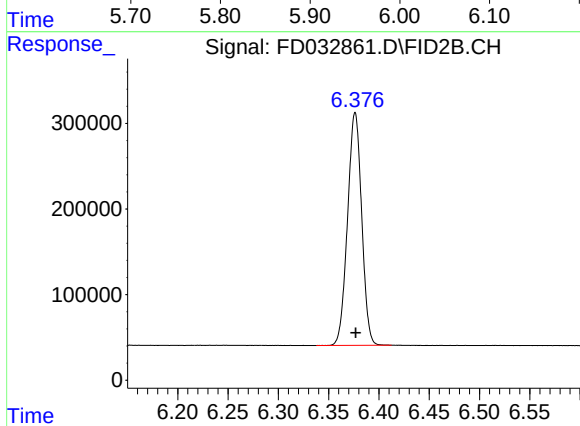
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 2633485
Conc: 19.66 ug/ml



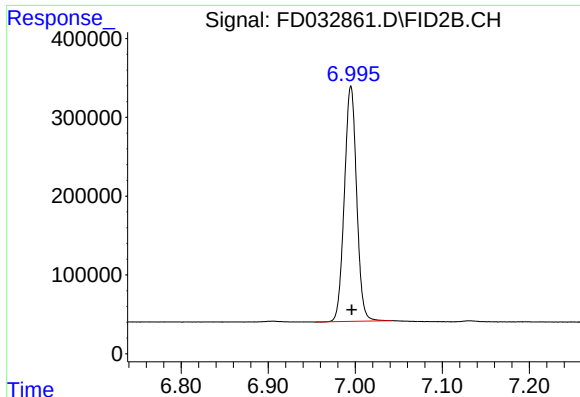
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 2904645
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

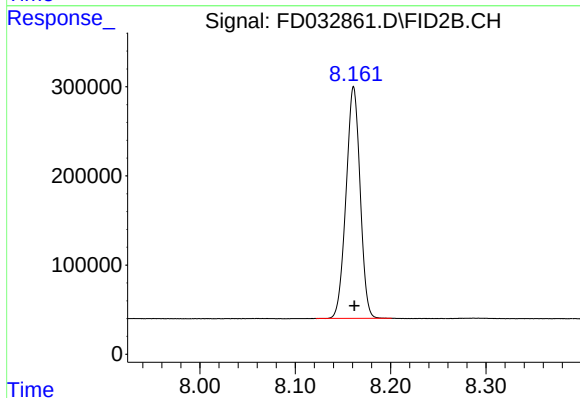
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 2661313
Conc: 19.63 ug/ml



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

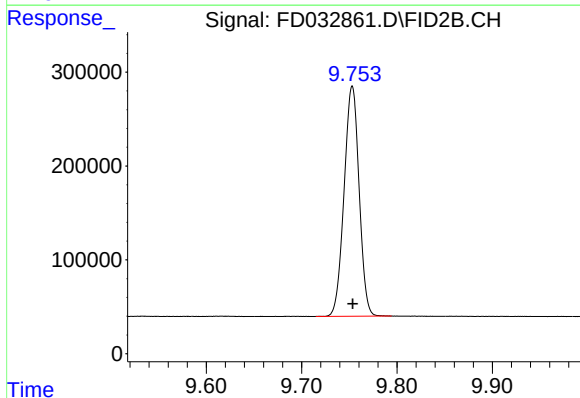
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 2923663
Conc: 19.68 ug/ml

Instrument :
FID_D
ClientSampleId :



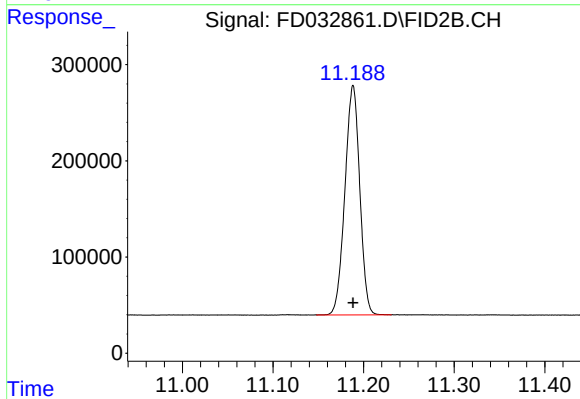
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 2672752
Conc: 19.55 ug/ml



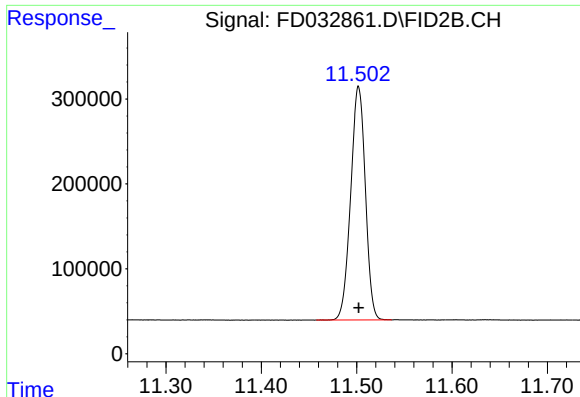
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 2688039
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

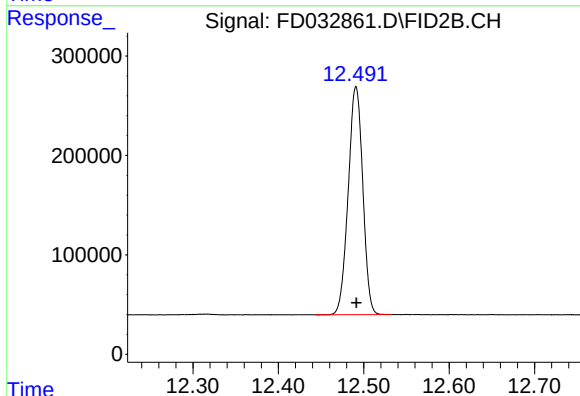
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 2713795
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

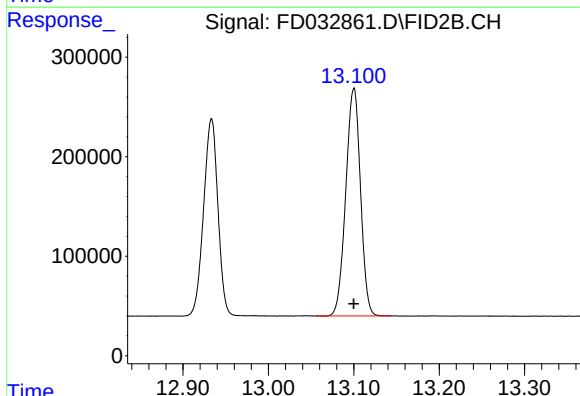
R.T.: 11.502 min
Delta R.T.: 0.000 min
Response: 2940252
Conc: 19.57 ug/ml

Instrument :
FID_D
ClientSampleId :



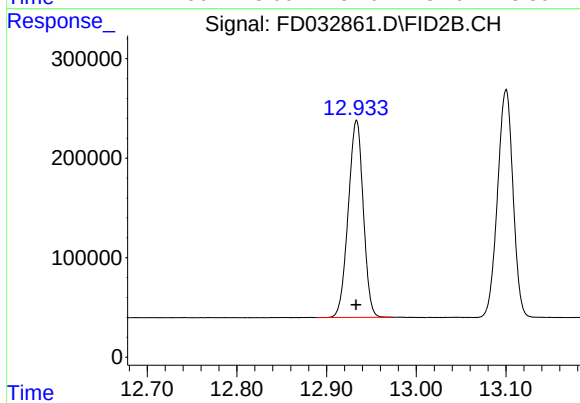
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 2720041
Conc: 19.58 ug/ml



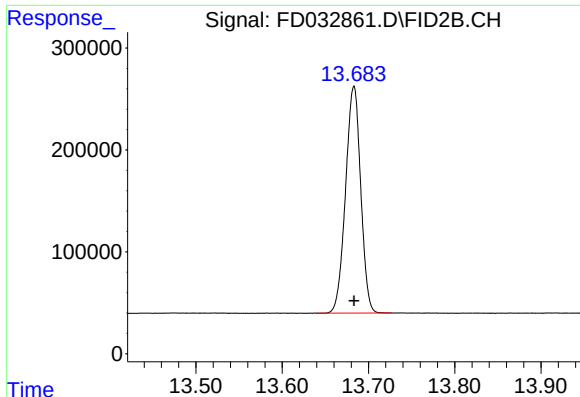
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: 0.000 min
Response: 2740157
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

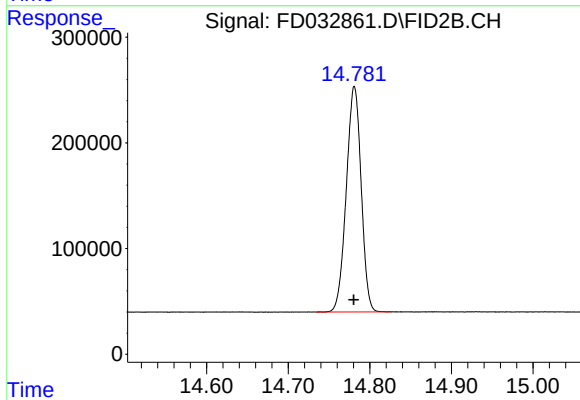
R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 2304851
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

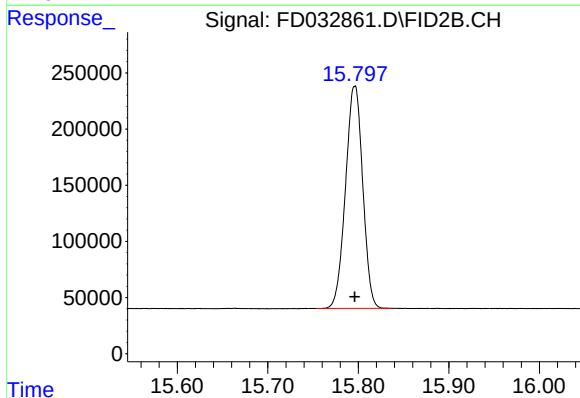
R.T.: 13.683 min
Delta R.T.: 0.000 min
Response: 2720718
Conc: 19.60 ug/ml

Instrument :
FID_D
ClientSampleId :



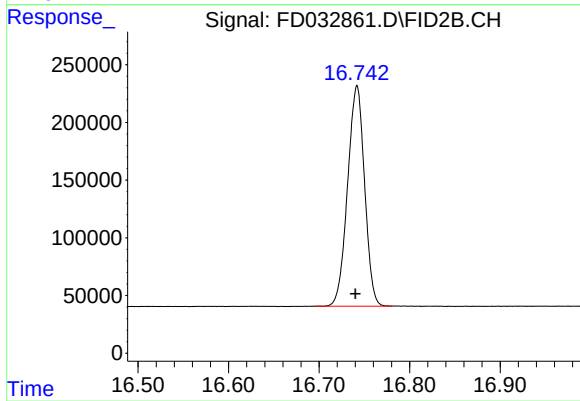
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 2700674
Conc: 19.68 ug/ml



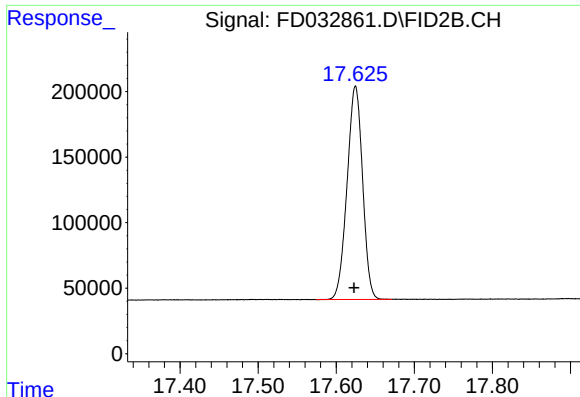
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: 0.000 min
Response: 2616970
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

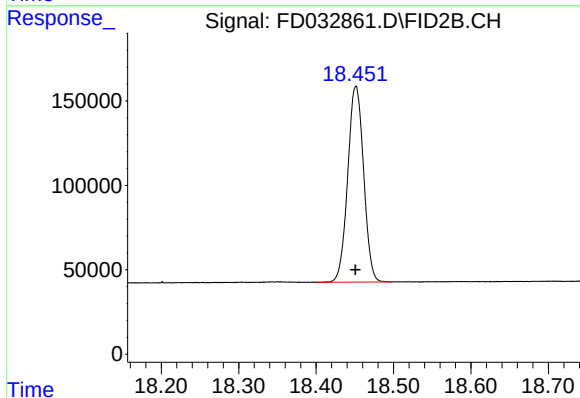
R.T.: 16.742 min
Delta R.T.: 0.002 min
Response: 2488855
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

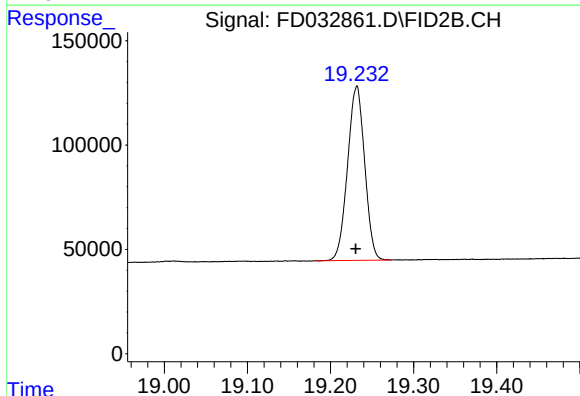
R.T.: 17.625 min
Delta R.T.: 0.002 min
Response: 2243065
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :



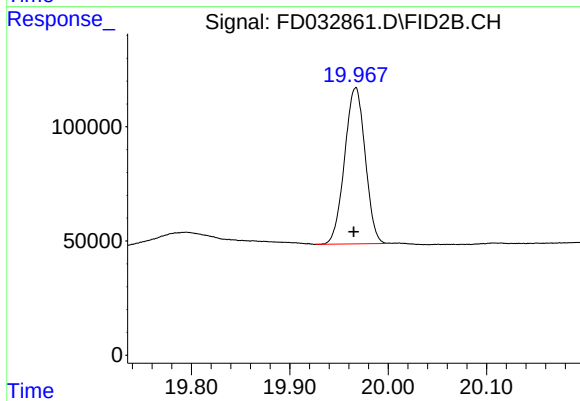
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.000 min
Response: 1655069
Conc: 19.70 ug/ml



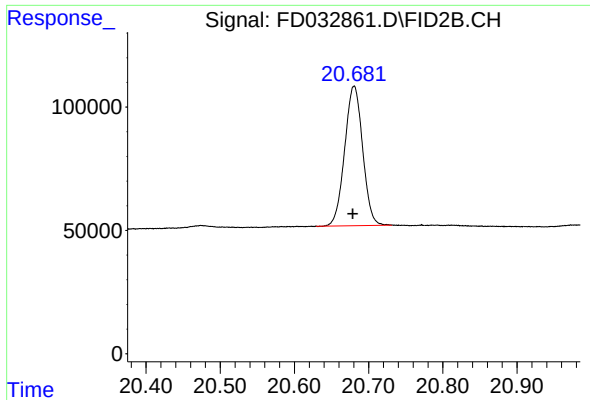
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.001 min
Response: 1194869
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

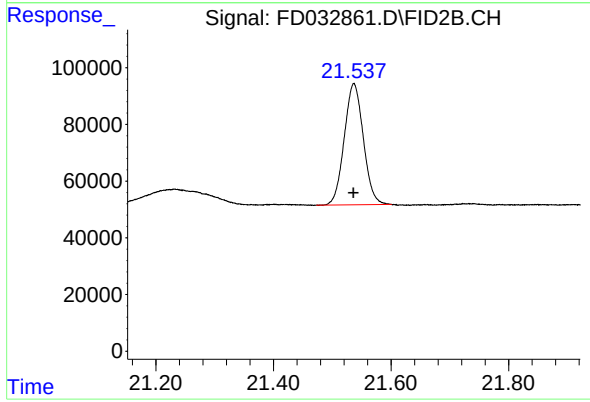
R.T.: 19.967 min
Delta R.T.: 0.002 min
Response: 993149
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: 0.002 min
Response: 952735
Conc: 19.79 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.537 min
Delta R.T.: 0.001 min
Response: 964114
Conc: 19.11 ug/ml