

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039921.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 16:20
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD05

Integration File: sample.E
 Quant Time: Dec 15 16:43:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 15:52:00 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)	10.799	898577	5.939 ug/ml
Spiked Amount 50.000		Recovery =	11.88%
12) S 1-chlorooctadecane (S...	12.232	705821	5.928 ug/ml
Spiked Amount 50.000		Recovery =	11.86%
Target Compounds			
1) T n-Nonane (C9)	2.688	809505	5.977 ug/ml
2) T n-Decane (C10)	3.691	819693	5.970 ug/ml
3) T A~Naphthalene (C11.7)	5.248	922220	5.967 ug/ml
4) T n-Dodecane (C12)	5.675	820425	5.969 ug/ml
5) T A~2-methylnaphthalene...	6.292	922401	5.928 ug/ml
6) T n-Tetradecane (C14)	7.457	821311	5.905 ug/ml
7) T n-Hexadecane (C16)	9.050	830615	5.920 ug/ml
8) T n-Octadecane (C18)	10.485	853461	5.954 ug/ml
10) T n-Eicosane (C20)	11.789	838599	5.952 ug/ml
11) T n-Heneicosane (C21)	12.399	841168	5.941 ug/ml
13) T n-Docosane (C22)	12.983	851762	6.086 ug/ml
14) T n-Tetracosane (C24)	14.082	878000	6.355 ug/ml
15) T n-Hexacosane (C26)	15.099	848367	6.383 ug/ml
16) T n-Octacosane (C28)	16.045	818548	6.365 ug/ml
17) T n-Tricontane (C30)	16.930	793657	6.418 ug/ml
18) T n-Dotriacontane (C32)	17.761	748002	6.330 ug/ml
19) T n-Tetratriacontane (C34)	18.544	706820	6.112 ug/ml
20) T n-Hexatriacontane (C36)	19.281	656353	5.917 ug/ml
21) T n-Octatriacontane (C38)	20.002	632806	5.865 ug/ml
22) T n-Tetracontane (C40)	20.867	649999	5.913 ug/ml

(f)=RT Delta > 1/2 Window

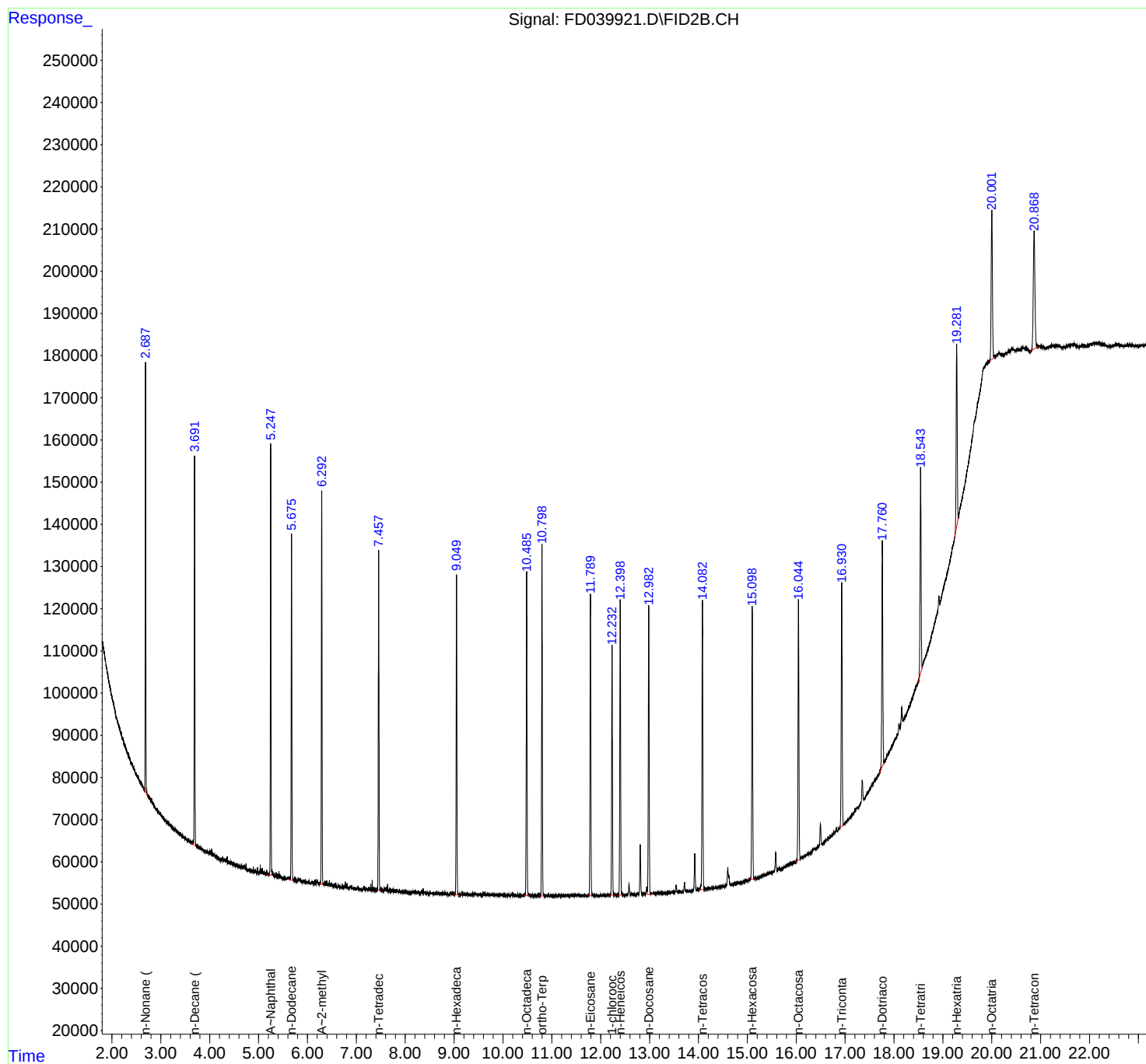
(m)=manual int.

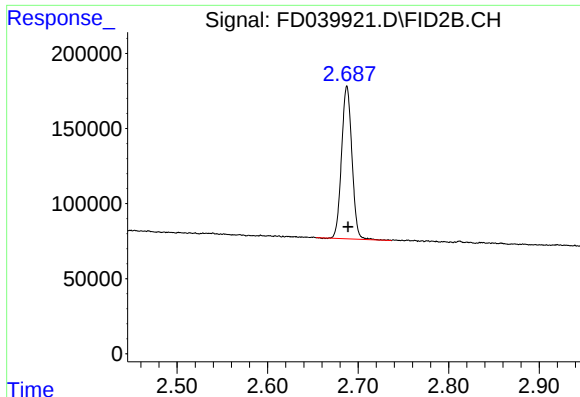
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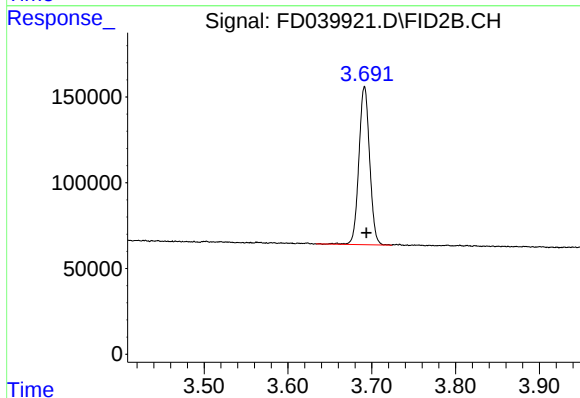




#1 n-Nonane (C9)

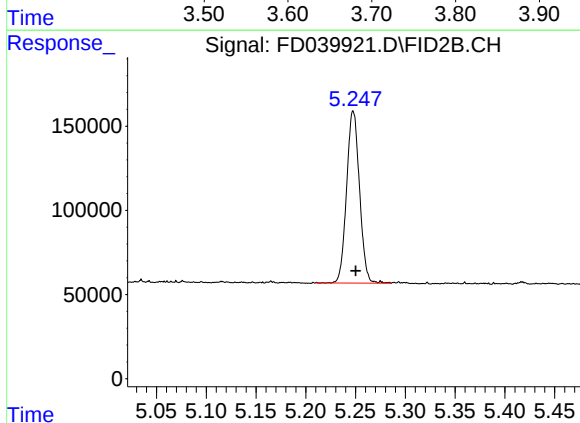
R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 809505
Conc: 5.98 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD05



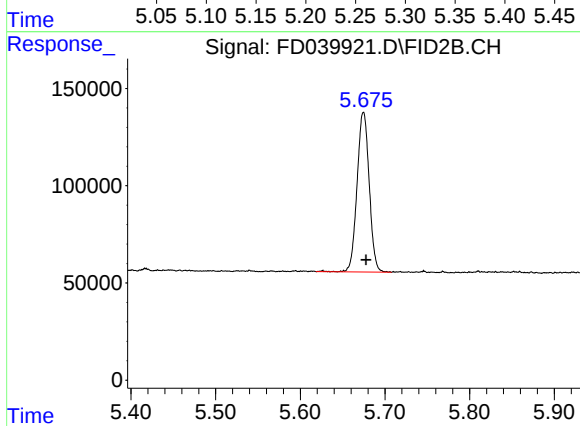
#2 n-Decane (C10)

R.T.: 3.691 min
Delta R.T.: -0.002 min
Response: 819693
Conc: 5.97 ug/ml



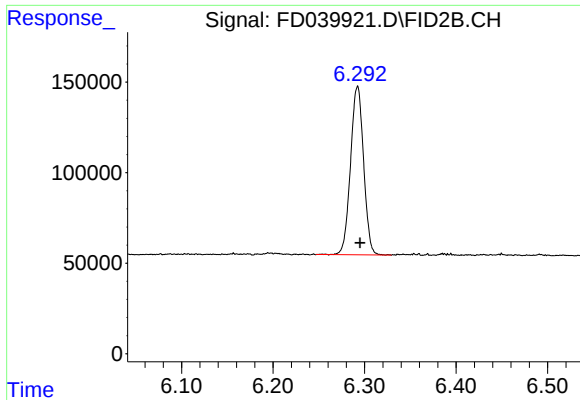
#3 A~Naphthalene (C11.7)

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 922220
Conc: 5.97 ug/ml



#4 n-Dodecane (C12)

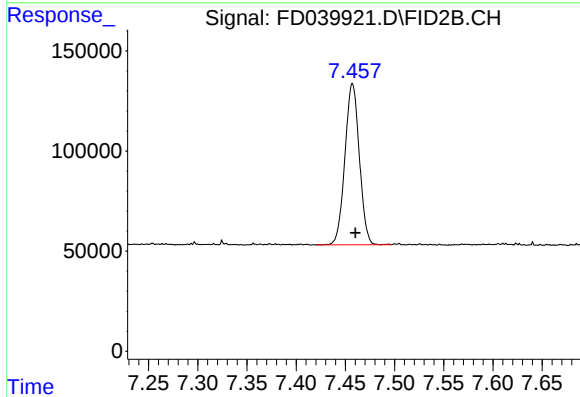
R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 820425
Conc: 5.97 ug/ml



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

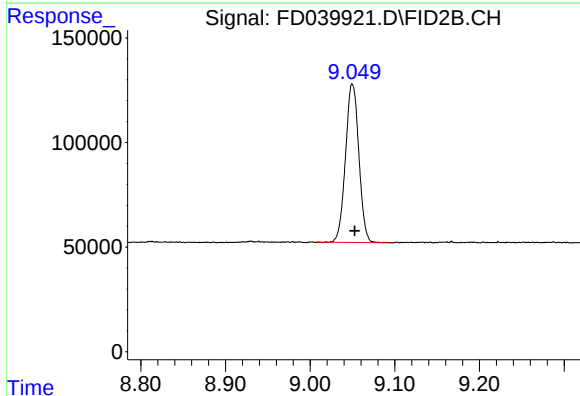
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 922401
Conc: 5.93 ug/ml

Instrument :
FID_D
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5 PPM ALIPHATIC HC STD05



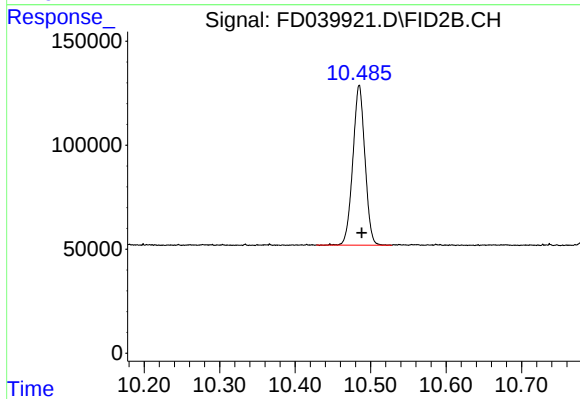
#6 n-Tetradecane (C14)

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 821311
Conc: 5.90 ug/ml



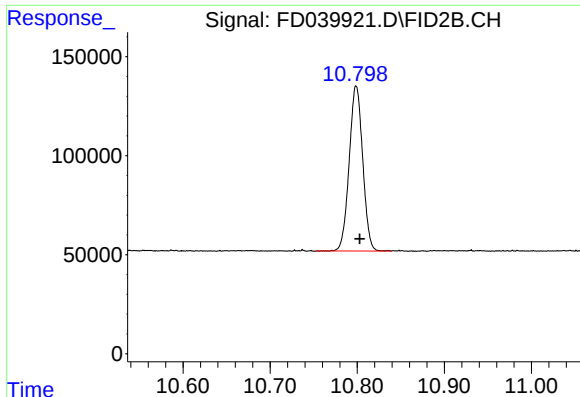
#7 n-Hexadecane (C16)

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 830615
Conc: 5.92 ug/ml



#8 n-Octadecane (C18)

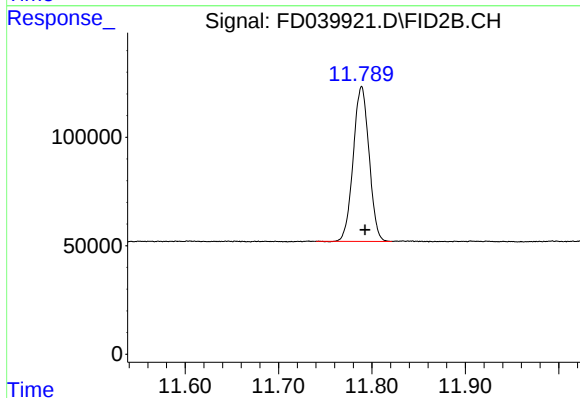
R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 853461
Conc: 5.95 ug/ml



#9 ortho-Terphenyl (SURR)

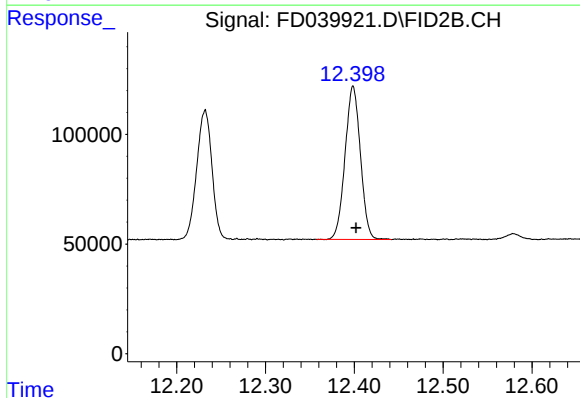
R.T.: 10.799 min
Delta R.T.: -0.004 min
Response: 898577
Conc: 5.94 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD05



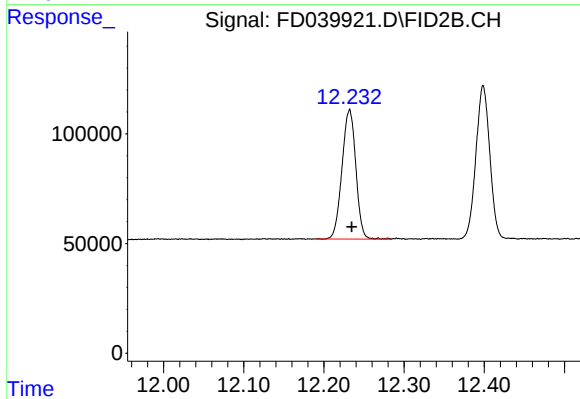
#10 n-Eicosane (C20)

R.T.: 11.789 min
Delta R.T.: -0.004 min
Response: 838599
Conc: 5.95 ug/ml



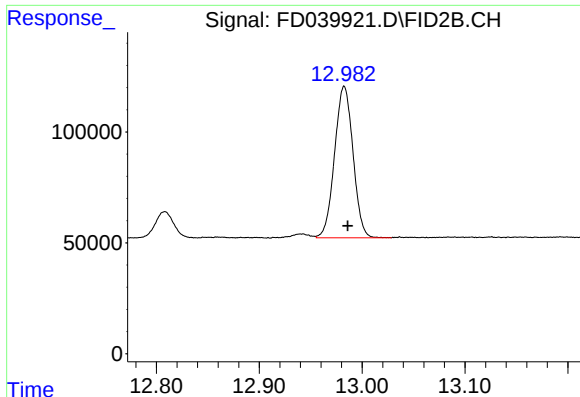
#11 n-Heneicosane (C21)

R.T.: 12.399 min
Delta R.T.: -0.003 min
Response: 841168
Conc: 5.94 ug/ml



#12 1-chlorooctadecane (SURR)

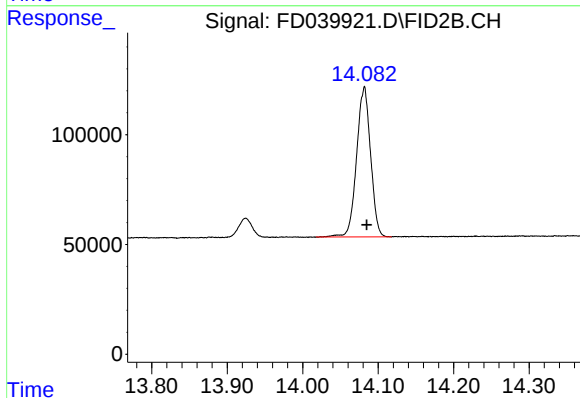
R.T.: 12.232 min
Delta R.T.: -0.003 min
Response: 705821
Conc: 5.93 ug/ml



#13 n-Docosane (C22)

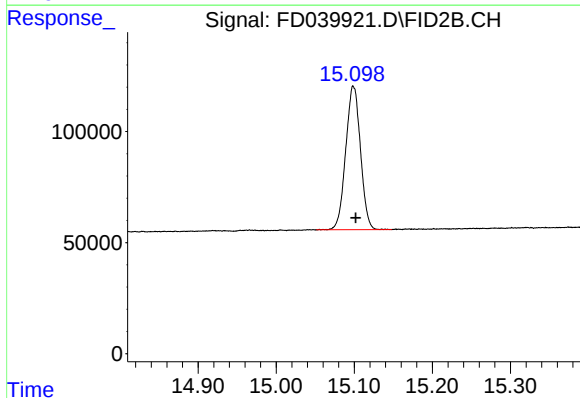
R.T.: 12.983 min
Delta R.T.: -0.003 min
Response: 851762
Conc: 6.09 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD05



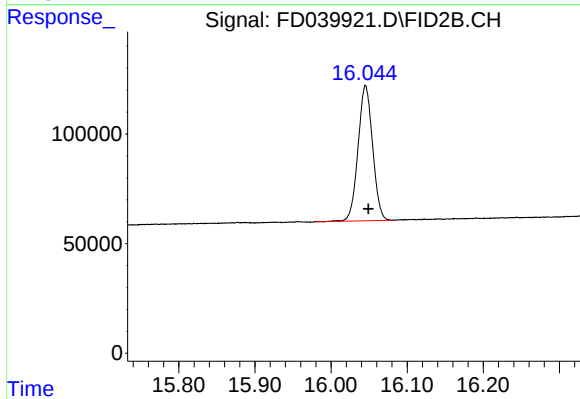
#14 n-Tetracosane (C24)

R.T.: 14.082 min
Delta R.T.: -0.003 min
Response: 878000
Conc: 6.36 ug/ml



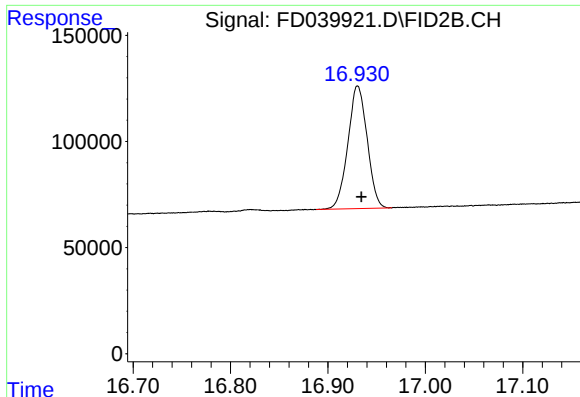
#15 n-Hexacosane (C26)

R.T.: 15.099 min
Delta R.T.: -0.003 min
Response: 848367
Conc: 6.38 ug/ml



#16 n-Octacosane (C28)

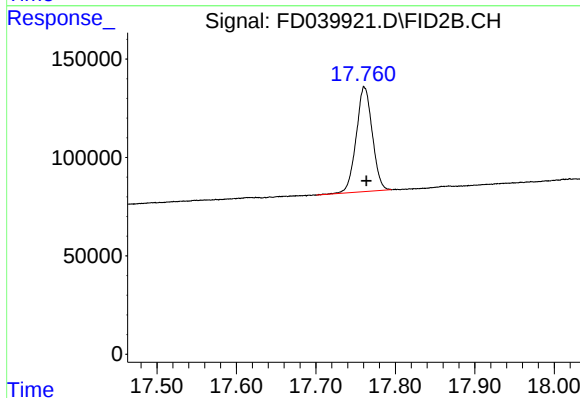
R.T.: 16.045 min
Delta R.T.: -0.004 min
Response: 818548
Conc: 6.36 ug/ml



#17 n-Tricontane (C30)

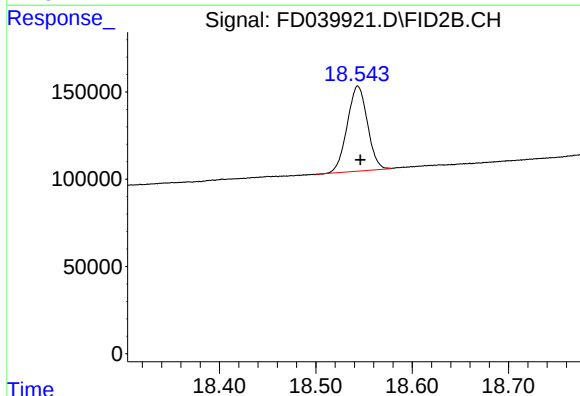
R.T.: 16.930 min
Delta R.T.: -0.004 min
Response: 793657
Conc: 6.42 ug/ml

Instrument :
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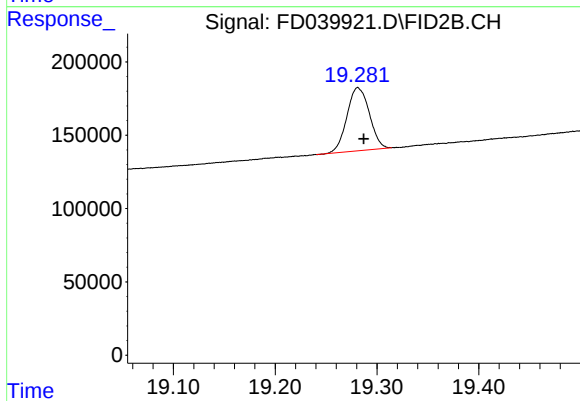
#18 n-Dotriacontane (C32)

R.T.: 17.761 min
Delta R.T.: -0.003 min
Response: 748002
Conc: 6.33 ug/ml



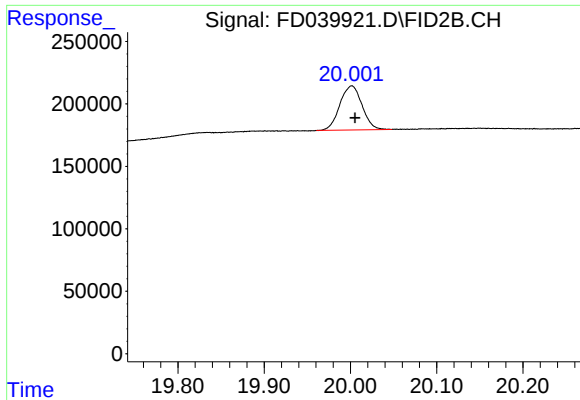
#19 n-Tetratriacontane (C34)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 706820
Conc: 6.11 ug/ml



#20 n-Hexatriacontane (C36)

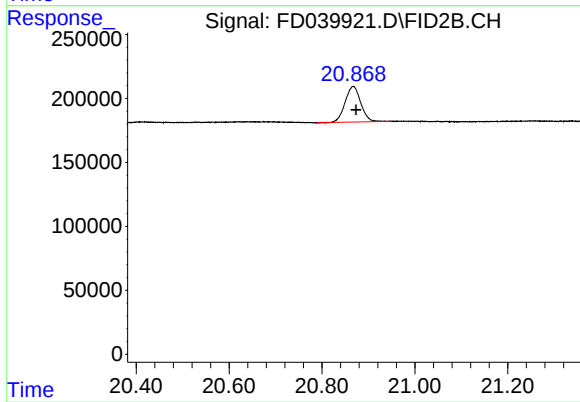
R.T.: 19.281 min
Delta R.T.: -0.006 min
Response: 656353
Conc: 5.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.002 min
Delta R.T.: -0.004 min
Response: 632806
Conc: 5.87 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD05



#22 n-Tetracontane (C40)

R.T.: 20.867 min
Delta R.T.: -0.006 min
Response: 649999
Conc: 5.91 ug/ml