

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
 Data File : FD037853.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 17:17
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
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 6/11/2021 2:29:06 PM

Integration File: autoint1.e
 Quant Time: Jun 11 05:04:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:03:11 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)	11.440	720490	5.275 ug/ml
Spiked Amount 50.000		Recovery =	10.55%
12) S 1-chlorooctadecane (S...	12.875	568399	5.272 ug/ml
Spiked Amount 50.000		Recovery =	10.54%
Target Compounds			
1) T n-Nonane (C9)	3.249	616460	5.283 ug/ml
2) T n-Decane (C10)	4.307	615782	5.235 ug/ml
3) T A~Naphthalene (C11.7)	5.879	667654	5.118 ug/ml
4) T n-Dodecane (C12)	6.313	621167	5.240 ug/ml
5) T A~2-methylnaphthalene...	6.930	664011	5.067 ug/ml
6) T n-Tetradecane (C14)	8.100	631261	5.236 ug/ml
7) T n-Hexadecane (C16)	9.694	647339	5.221 ug/ml
8) T n-Octadecane (C18)	11.130	670989	5.245 ug/ml
10) T n-Eicosane (C20)	12.434	675094	5.307 ug/ml
11) T n-Heneicosane (C21)	13.043	684716	5.342 ug/ml
13) T n-Docosane (C22)	13.627	675634	5.342 ug/ml
14) T n-Tetracosane (C24)	14.724	679181	5.408 ug/ml
15) T n-Hexacosane (C26)	15.741	662728	5.444 ug/ml
16) T n-Octacosane (C28)	16.686	653373	5.484 ug/ml
17) T n-Tricontane (C30)	17.570	650165	5.626 ug/ml
18) T n-Dotriacontane (C32)	18.398	621625	5.592 ug/ml
19) T n-Tetratriacontane (C34)	19.177	576346	5.528 ug/ml
20) T n-Hexatriacontane (C36)	19.913	524969	5.404 ug/mlm
21) T n-Octatriacontane (C38)	20.622	466496	5.213 ug/ml
22) T n-Tetracontane (C40)	21.459	477010	4.689 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 60 Sample Multiplier: 1

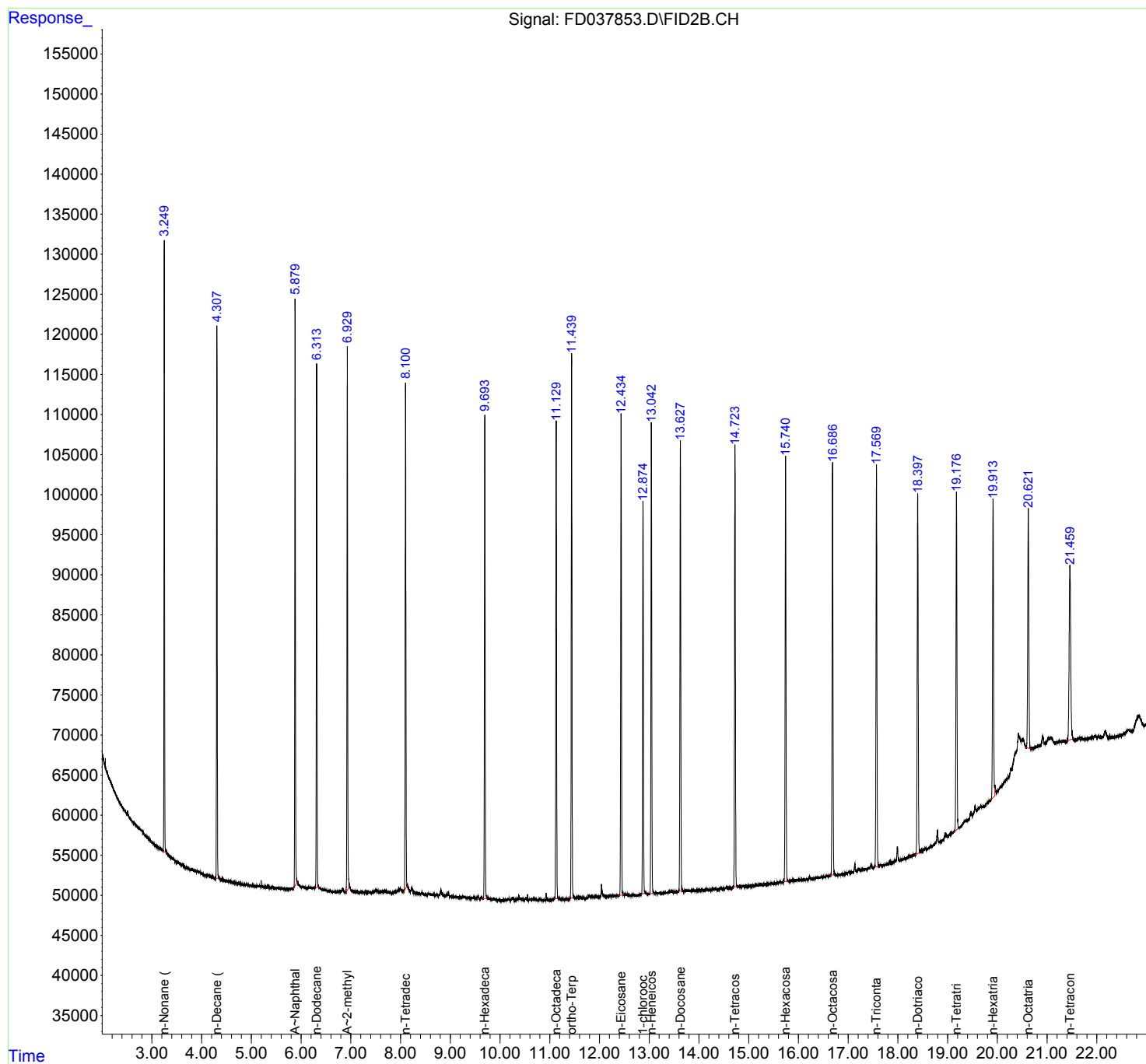
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

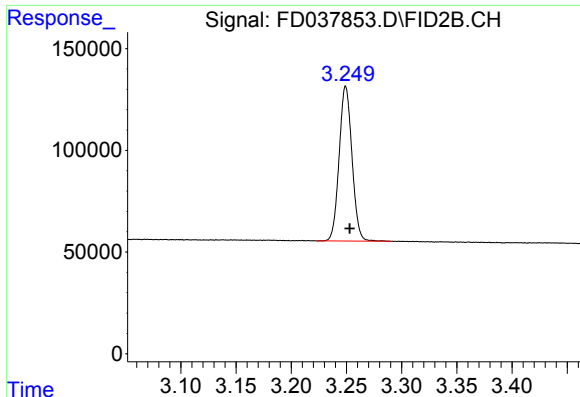
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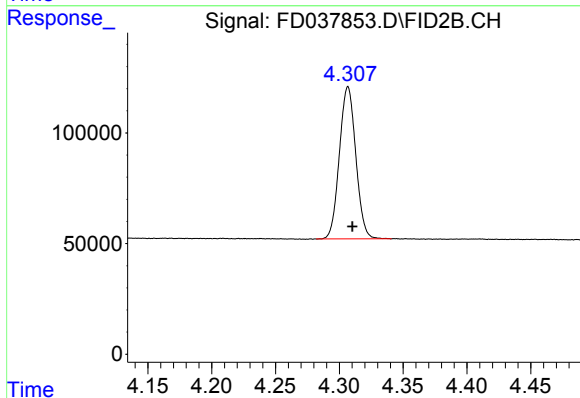
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.004 min
Response: 616460
Conc: 5.28 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

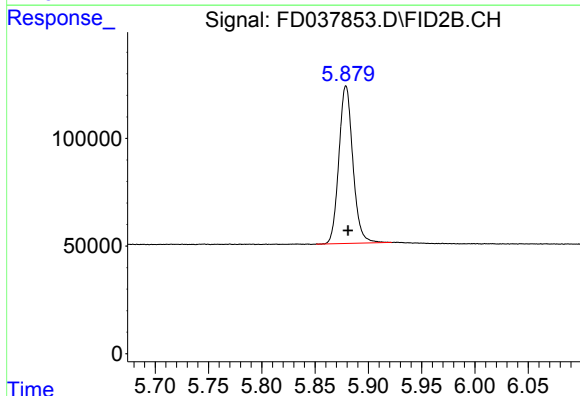
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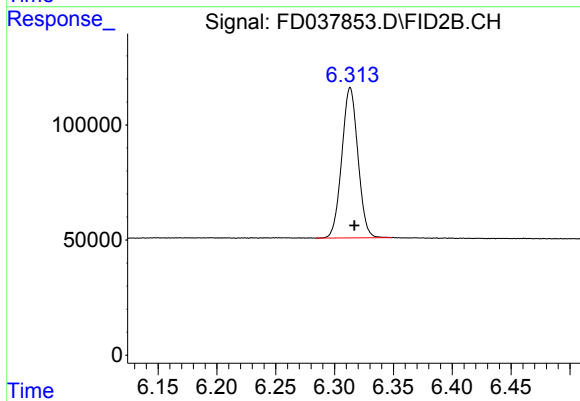
#2 n-Decane (C10)

R.T.: 4.307 min
Delta R.T.: -0.003 min
Response: 615782
Conc: 5.23 ug/ml



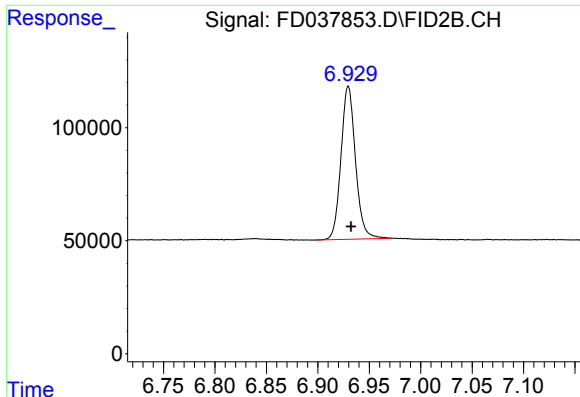
#3 A~Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 667654
Conc: 5.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.313 min
Delta R.T.: -0.004 min
Response: 621167
Conc: 5.24 ug/ml



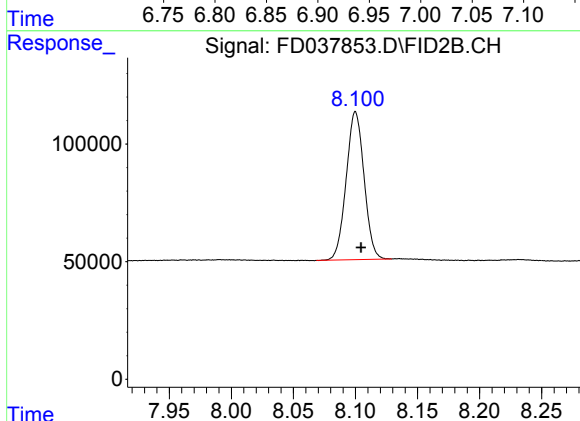
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: -0.003 min
Response: 664011
Conc: 5.07 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

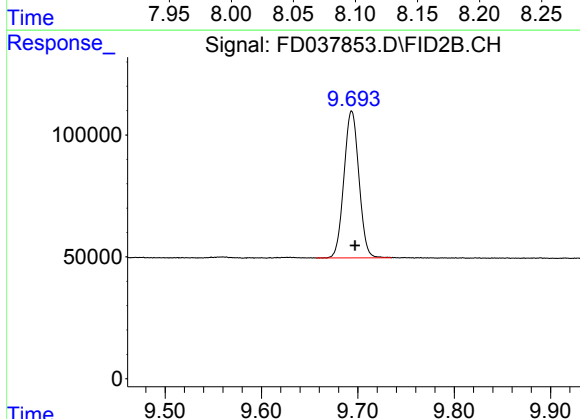
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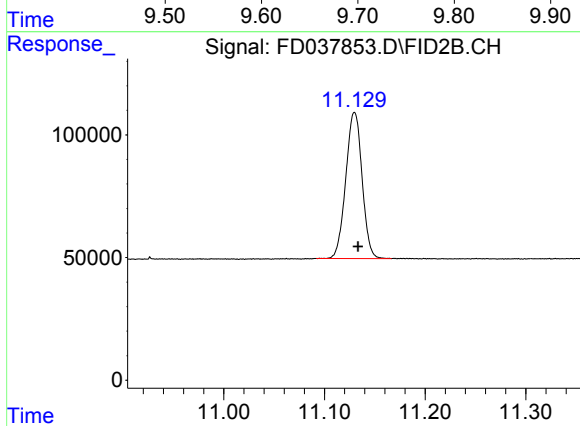
#6 n-Tetradecane (C14)

R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 631261
Conc: 5.24 ug/ml



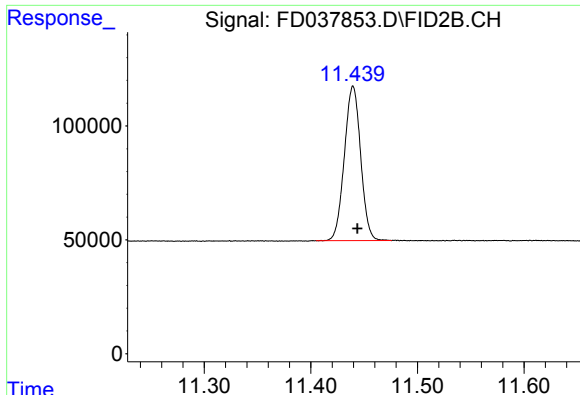
#7 n-Hexadecane (C16)

R.T.: 9.694 min
Delta R.T.: -0.003 min
Response: 647339
Conc: 5.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.130 min
Delta R.T.: -0.004 min
Response: 670989
Conc: 5.24 ug/ml



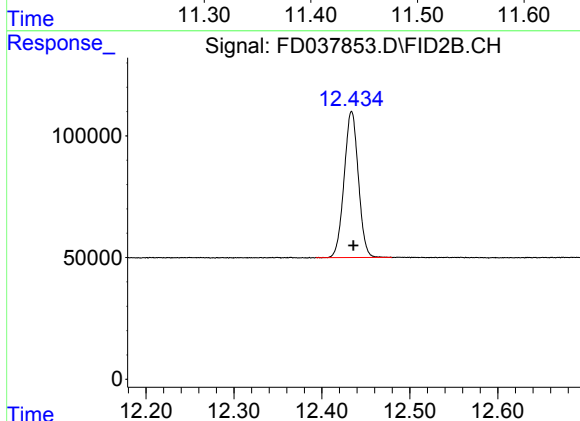
#9 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.004 min
Response: 720490
Conc: 5.28 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

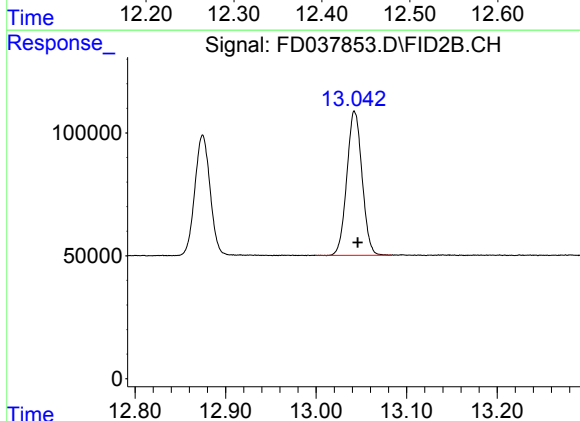
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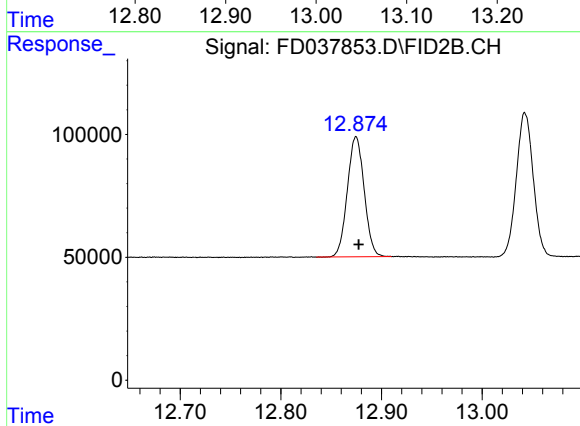
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: -0.002 min
Response: 675094
Conc: 5.31 ug/ml



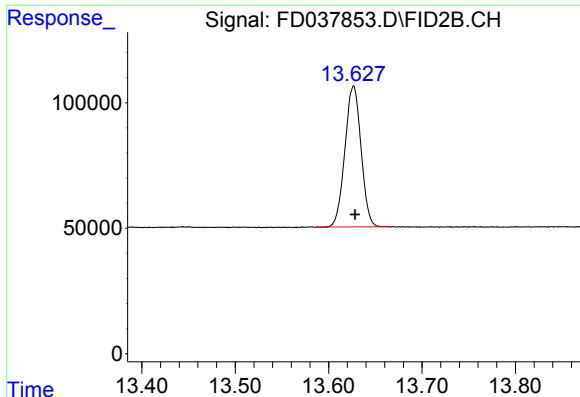
#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: -0.004 min
Response: 684716
Conc: 5.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 568399
Conc: 5.27 ug/ml



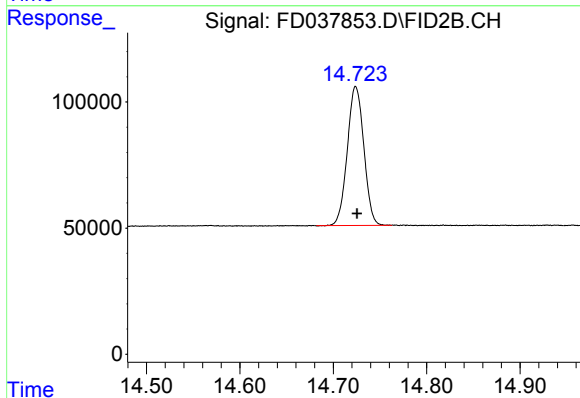
#13 n-Docosane (C22)

R.T.: 13.627 min
Delta R.T.: -0.002 min
Response: 675634
Conc: 5.34 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

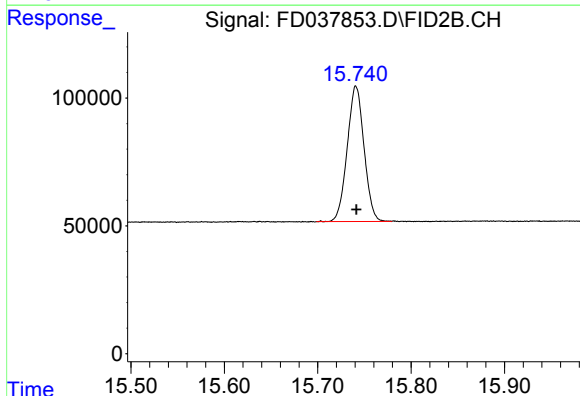
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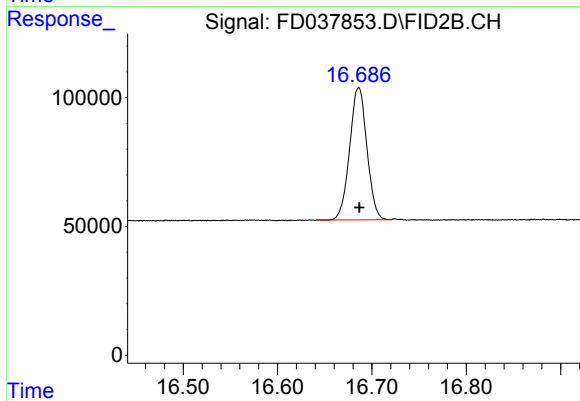
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: -0.002 min
Response: 679181
Conc: 5.41 ug/ml



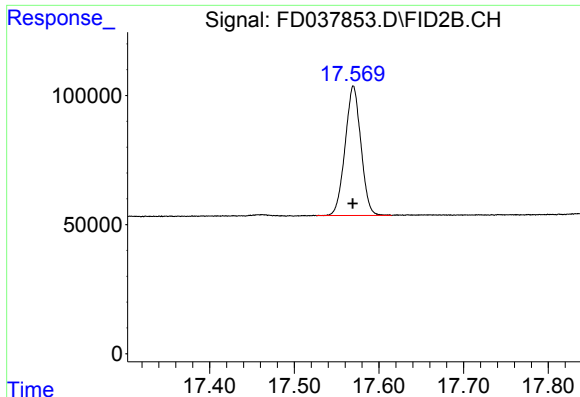
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 662728
Conc: 5.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: 0.000 min
Response: 653373
Conc: 5.48 ug/ml



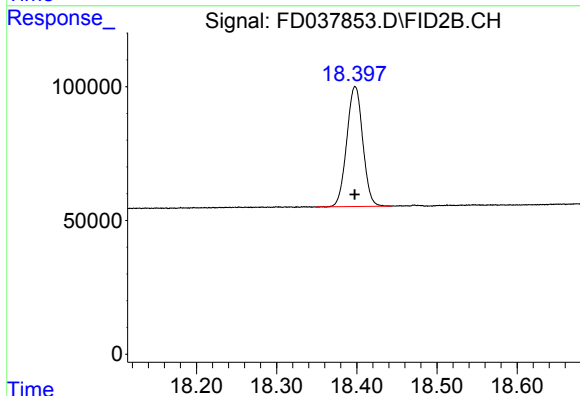
#17 n-Tricontane (C30)

R.T.: 17.570 min
Delta R.T.: 0.000 min
Response: 650165
Conc: 5.63 ug/ml

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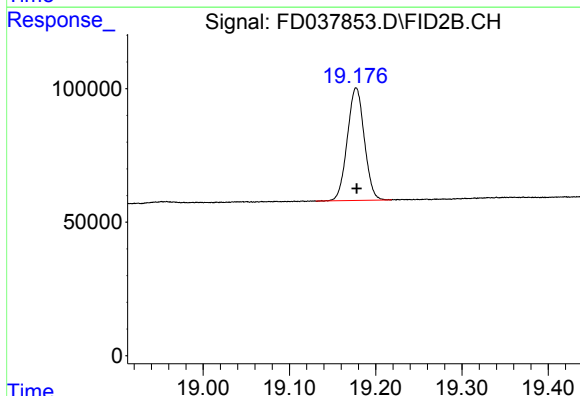
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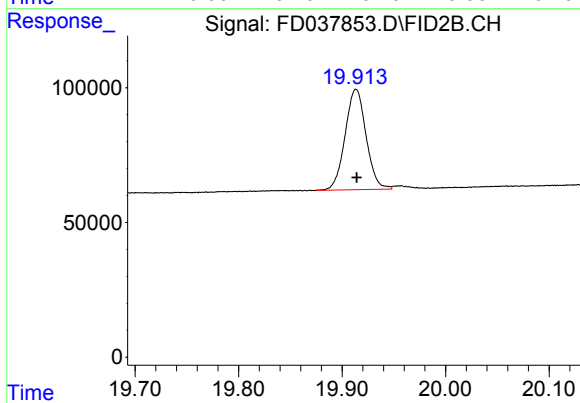
#18 n-Dotriacontane (C32)

R.T.: 18.398 min
Delta R.T.: 0.000 min
Response: 621625
Conc: 5.59 ug/ml



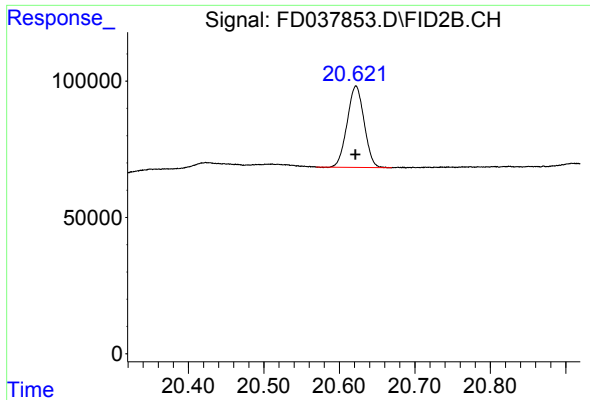
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: 0.000 min
Response: 576346
Conc: 5.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.913 min
Delta R.T.: -0.002 min
Response: 524969
Conc: 5.40 ug/ml m



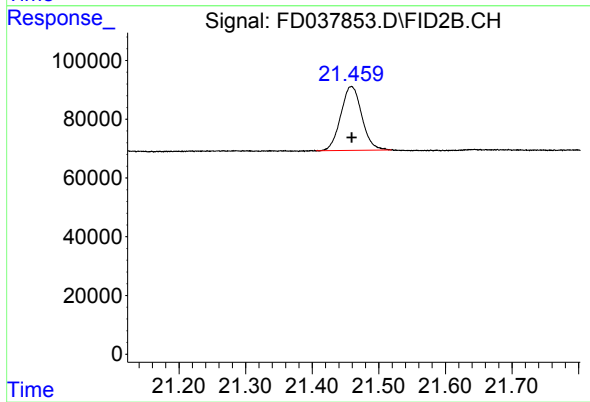
#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: 0.000 min
Response: 466496
Conc: 5.21 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.459 min
Delta R.T.: 0.000 min
Response: 477010
Conc: 4.69 ug/ml