

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040413.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 6:46
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2022
 Supervised By :Ankita Jodhani 01/05/2022

Integration File: autoint1.e
 Quant Time: Jan 05 07:04:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 06:37:45 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)	10.630	736183	4.721 ug/ml
Spiked Amount 50.000		Recovery =	9.44%
12) S 1-chlorooctadecane (S...	12.069	546585	4.562 ug/ml
Spiked Amount 50.000		Recovery =	9.12%
Target Compounds			
1) T n-Nonane (C9)	2.576	616452	4.755 ug/ml
2) T n-Decane (C10)	3.563	614000	4.714 ug/ml
3) T A~Naphthalene (C11.7)	5.097	647856	4.462 ug/ml
4) T n-Dodecane (C12)	5.533	602875	4.651 ug/ml
5) T A~2-methylnaphthalene...	6.137	631289	4.360 ug/ml
6) T n-Tetradecane (C14)	7.311	606552	4.609 ug/ml
7) T n-Hexadecane (C16)	8.898	605451	4.567 ug/ml
8) T n-Octadecane (C18)	10.330	634267	4.607 ug/ml
10) T n-Eicosane (C20)	11.631	642557	4.660 ug/ml
11) T n-Heneicosane (C21)	12.240	656606	4.681 ug/ml
13) T n-Docosane (C22)	12.822	652843	4.673 ug/ml
14) T n-Tetracosane (C24)	13.919	672373	4.763 ug/ml
15) T n-Hexacosane (C26)	14.935	665698	4.788 ug/ml
16) T n-Octacosane (C28)	15.878	655201	4.788 ug/ml
17) T n-Tricontane (C30)	16.761	634582	4.837 ug/ml
18) T n-Dotriacontane (C32)	17.590	602957	5.055 ug/ml
19) T n-Tetratriacontane (C34)	18.371	514759	4.862 ug/ml
20) T n-Hexatriacontane (C36)	19.106	537789	5.390 ug/ml
21) T n-Octatriacontane (C38)	19.805	431792	4.793 ug/ml
22) T n-Tetracontane (C40)	20.610	388680	4.446 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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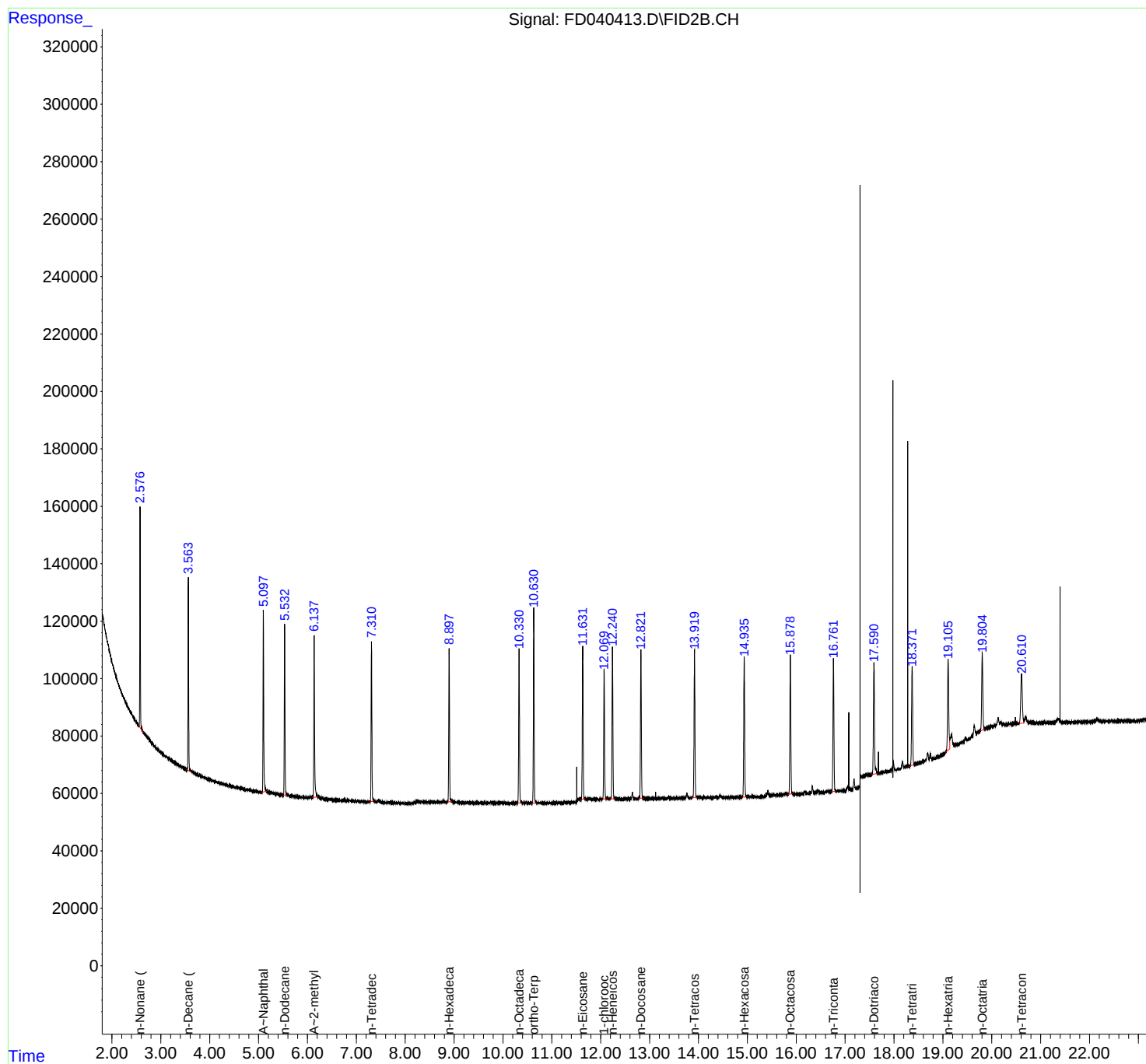
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

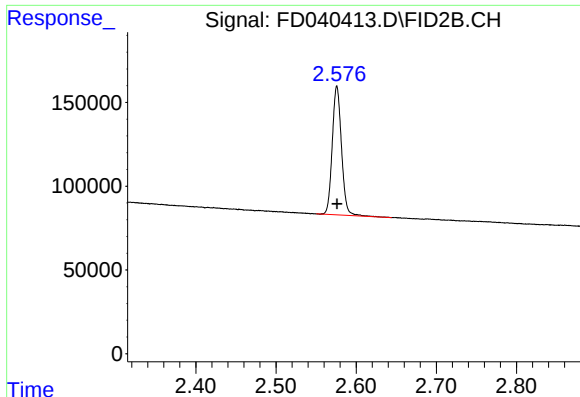
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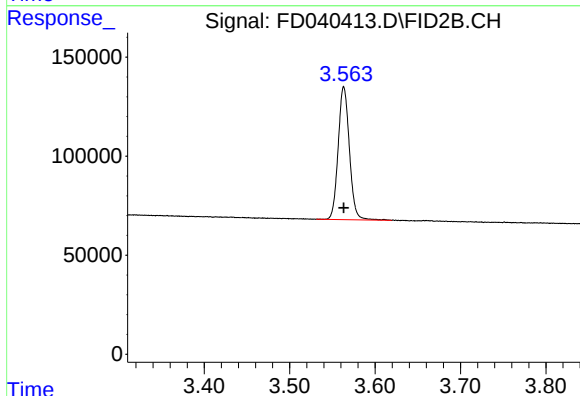
#1 n-Nonane (C9)

R.T.: 2.576 min
Delta R.T.: 0.000 min
Response: 616452
Conc: 4.75 ug/ml

Instrument :
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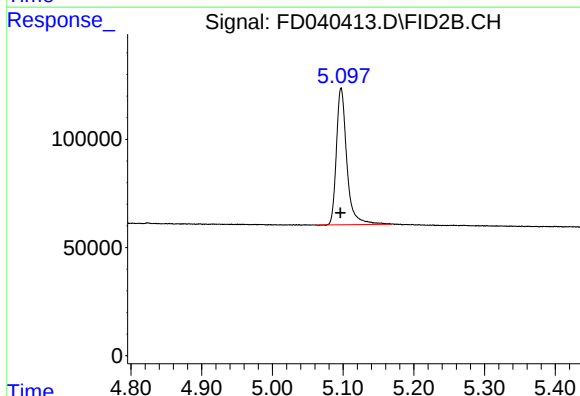
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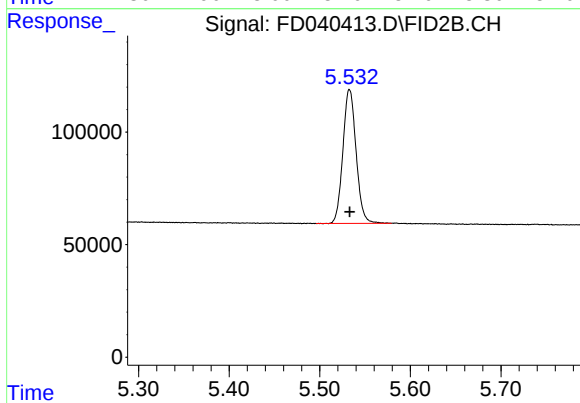
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 614000
Conc: 4.71 ug/ml



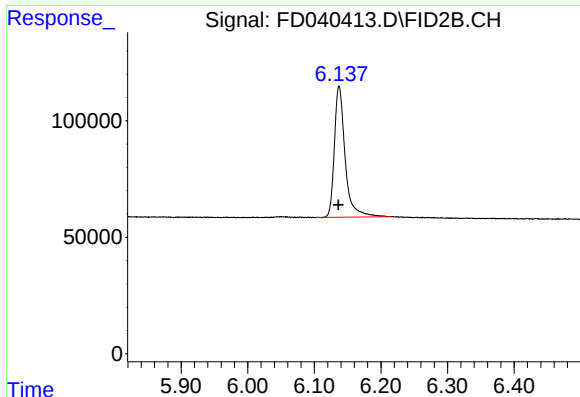
#3 A~Naphthalene (C11.7)

R.T.: 5.097 min
Delta R.T.: 0.001 min
Response: 647856
Conc: 4.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 602875
Conc: 4.65 ug/ml



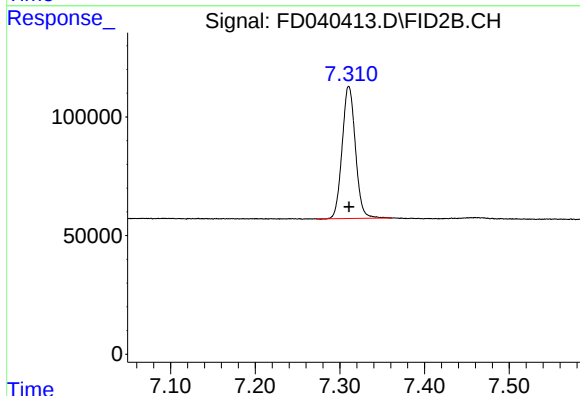
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.137 min
Delta R.T.: 0.001 min
Response: 631289
Conc: 4.36 ug/ml

Instrument :
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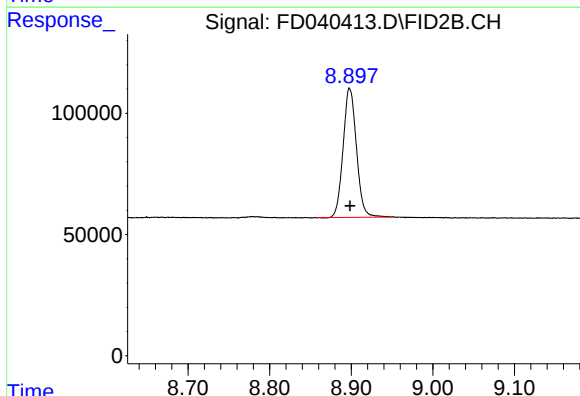
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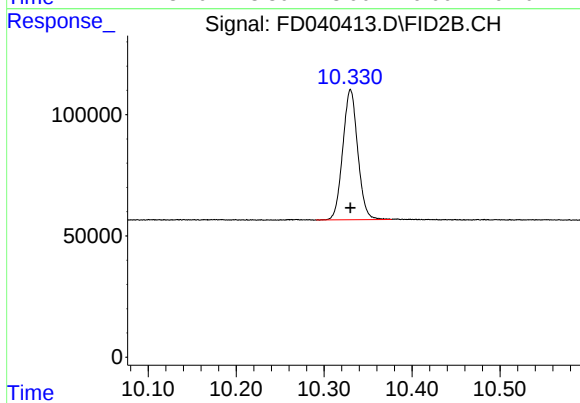
#6 n-Tetradecane (C14)

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 606552
Conc: 4.61 ug/ml



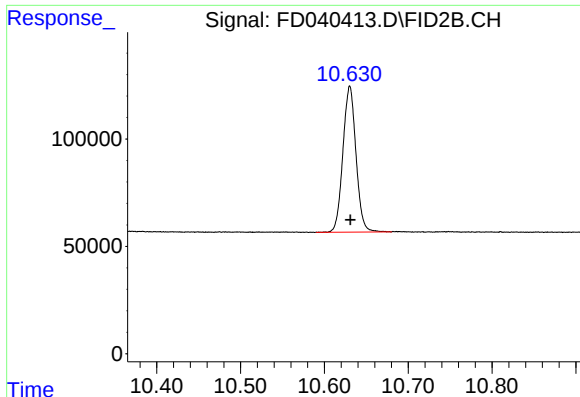
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 605451
Conc: 4.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.330 min
Delta R.T.: 0.000 min
Response: 634267
Conc: 4.61 ug/ml



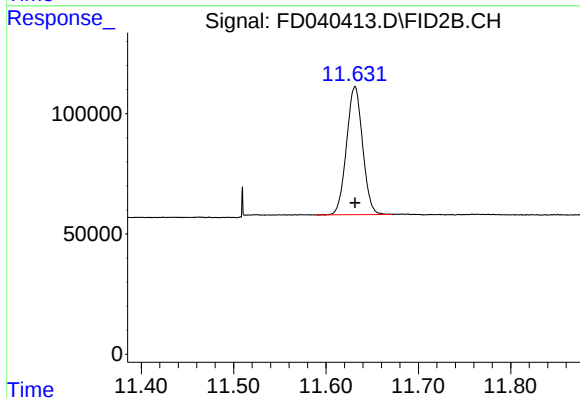
#9 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: 0.000 min
Response: 736183
Conc: 4.72 ug/ml

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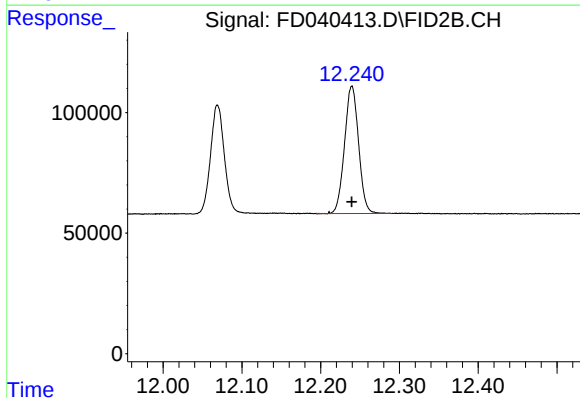
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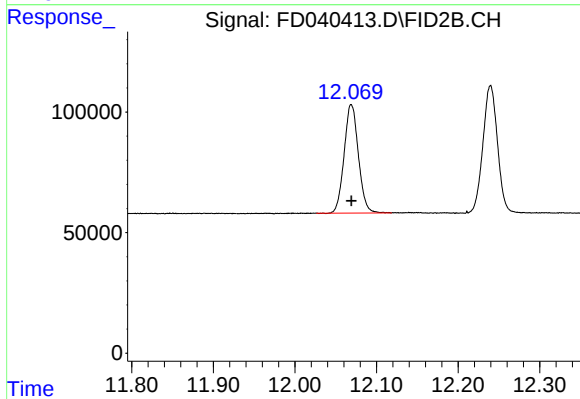
#10 n-Eicosane (C20)

R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 642557
Conc: 4.66 ug/ml



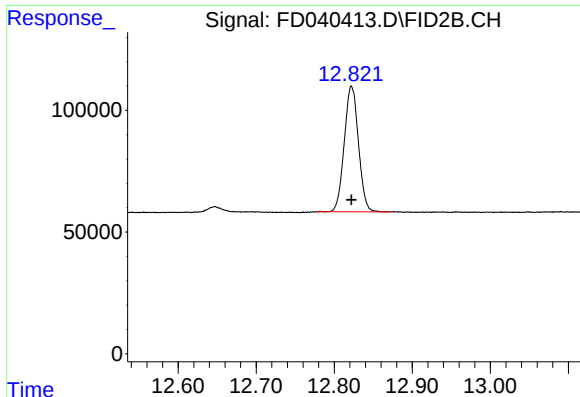
#11 n-Heneicosane (C21)

R.T.: 12.240 min
Delta R.T.: 0.000 min
Response: 656606
Conc: 4.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.069 min
Delta R.T.: 0.000 min
Response: 546585
Conc: 4.56 ug/ml



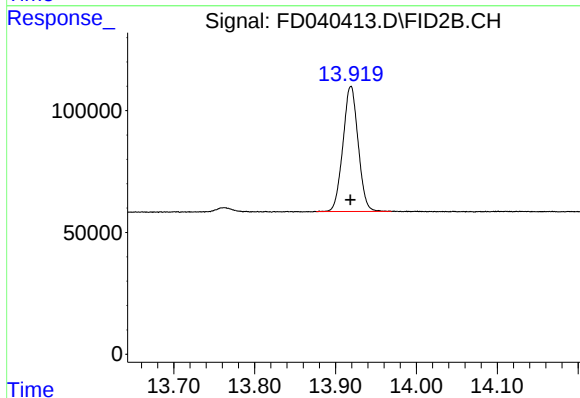
#13 n-Docosane (C22)

R.T.: 12.822 min
Delta R.T.: 0.000 min
Response: 652843
Conc: 4.67 ug/ml

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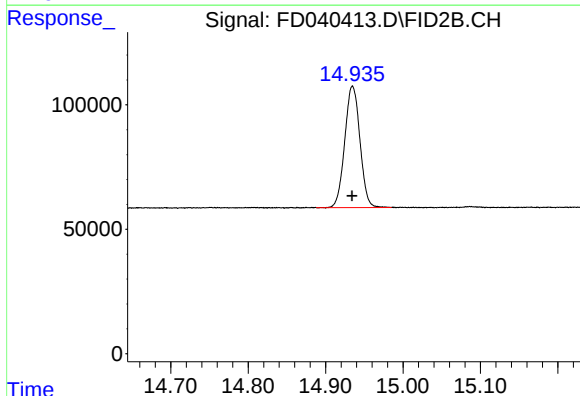
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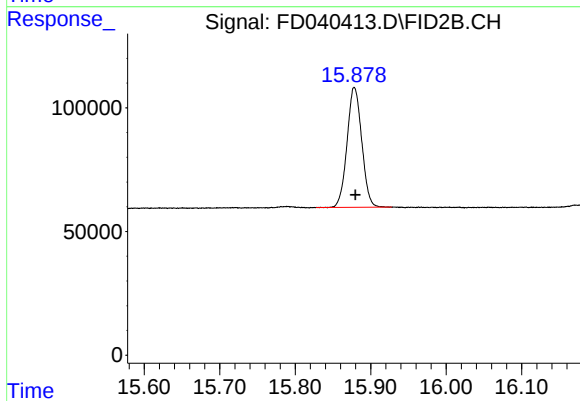
#14 n-Tetracosane (C24)

R.T.: 13.919 min
Delta R.T.: 0.000 min
Response: 672373
Conc: 4.76 ug/ml



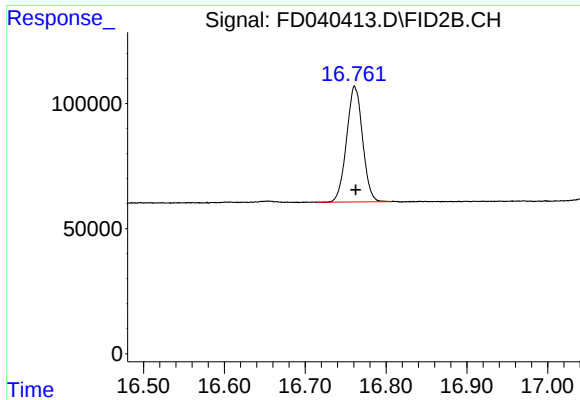
#15 n-Hexacosane (C26)

R.T.: 14.935 min
Delta R.T.: 0.000 min
Response: 665698
Conc: 4.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.878 min
Delta R.T.: -0.001 min
Response: 655201
Conc: 4.79 ug/ml



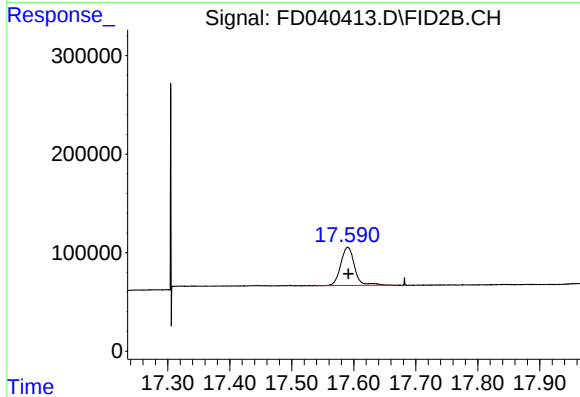
#17 n-Tricontane (C30)

R.T.: 16.761 min
Delta R.T.: -0.001 min
Response: 634582
Conc: 4.84 ug/ml

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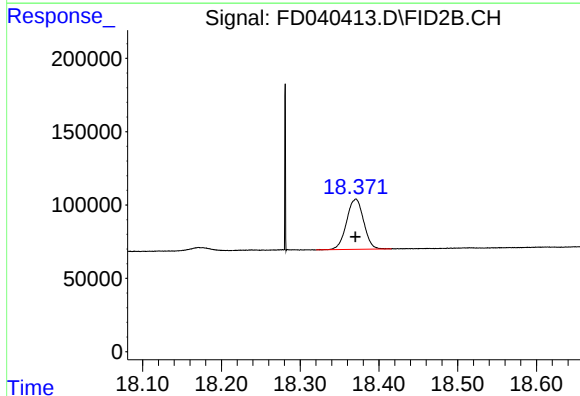
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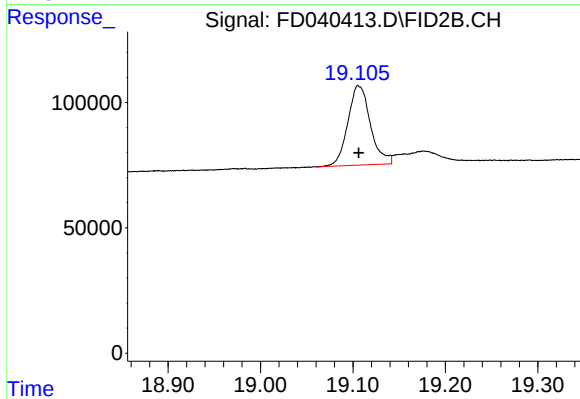
#18 n-Dotriacontane (C32)

R.T.: 17.590 min
Delta R.T.: 0.000 min
Response: 602957
Conc: 5.05 ug/ml



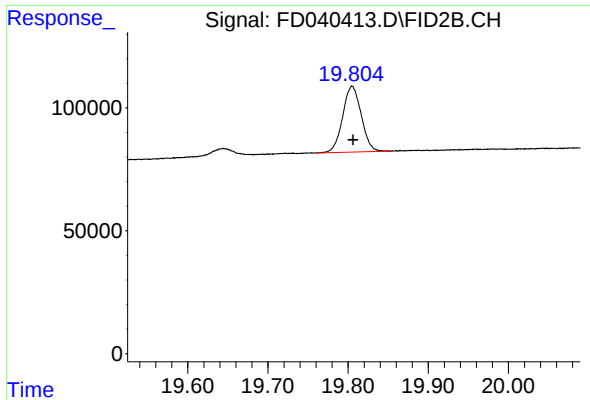
#19 n-Tetratriacontane (C34)

R.T.: 18.371 min
Delta R.T.: 0.000 min
Response: 514759
Conc: 4.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.106 min
Delta R.T.: 0.000 min
Response: 537789
Conc: 5.39 ug/ml



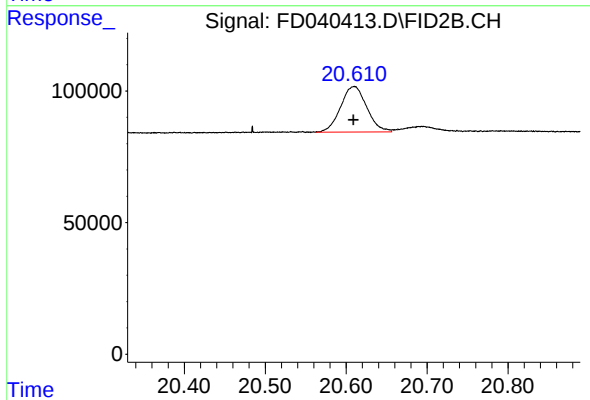
#21 n-Octatriacontane (C38)

R.T.: 19.805 min
Delta R.T.: -0.001 min
Response: 431792
Conc: 4.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.610 min
Delta R.T.: 0.001 min
Response: 388680
Conc: 4.45 ug/ml m