

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040416.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 8:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 05 09:22:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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	3396748	22.030 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
12) S 1-chlorooctadecane (S...	12.068	2595325	22.049 ug/ml
Spiked Amount 50.000		Recovery =	44.10%
Target Compounds			
1) T n-Nonane (C9)	2.574	2823779	21.995 ug/ml
2) T n-Decane (C10)	3.561	2844860	22.093 ug/ml
3) T A~Naphthalene (C11.7)	5.093	3169386	22.308 ug/ml
4) T n-Dodecane (C12)	5.532	2843523	22.247 ug/ml
5) T A~2-methylnaphthalene...	6.134	3151763	22.341 ug/ml
6) T n-Tetradecane (C14)	7.309	2887373	22.289 ug/ml
7) T n-Hexadecane (C16)	8.897	2912656	22.356 ug/ml
8) T n-Octadecane (C18)	10.329	3003037	22.162 ug/ml
10) T n-Eicosane (C20)	11.630	2999657	22.053 ug/ml
11) T n-Heneicosane (C21)	12.238	3040534	21.957 ug/ml
13) T n-Docosane (C22)	12.821	3020810	21.908 ug/ml
14) T n-Tetracosane (C24)	13.918	3044843	21.776 ug/ml
15) T n-Hexacosane (C26)	14.933	2988752	21.682 ug/ml
16) T n-Octacosane (C28)	15.878	2937393	21.648 ug/ml
17) T n-Tricontane (C30)	16.761	2821384	21.647 ug/ml
18) T n-Dotriacontane (C32)	17.589	2570029	21.499 ug/ml
19) T n-Tetratriacontane (C34)	18.368	2307843	21.918 ug/ml
20) T n-Hexatriacontane (C36)	19.104	2106177	20.785 ug/ml
21) T n-Octatriacontane (C38)	19.804	1956197	21.895 ug/ml
22) T n-Tetracontane (C40)	20.606	1891083	22.123 ug/ml

(f)=RT Delta > 1/2 Window

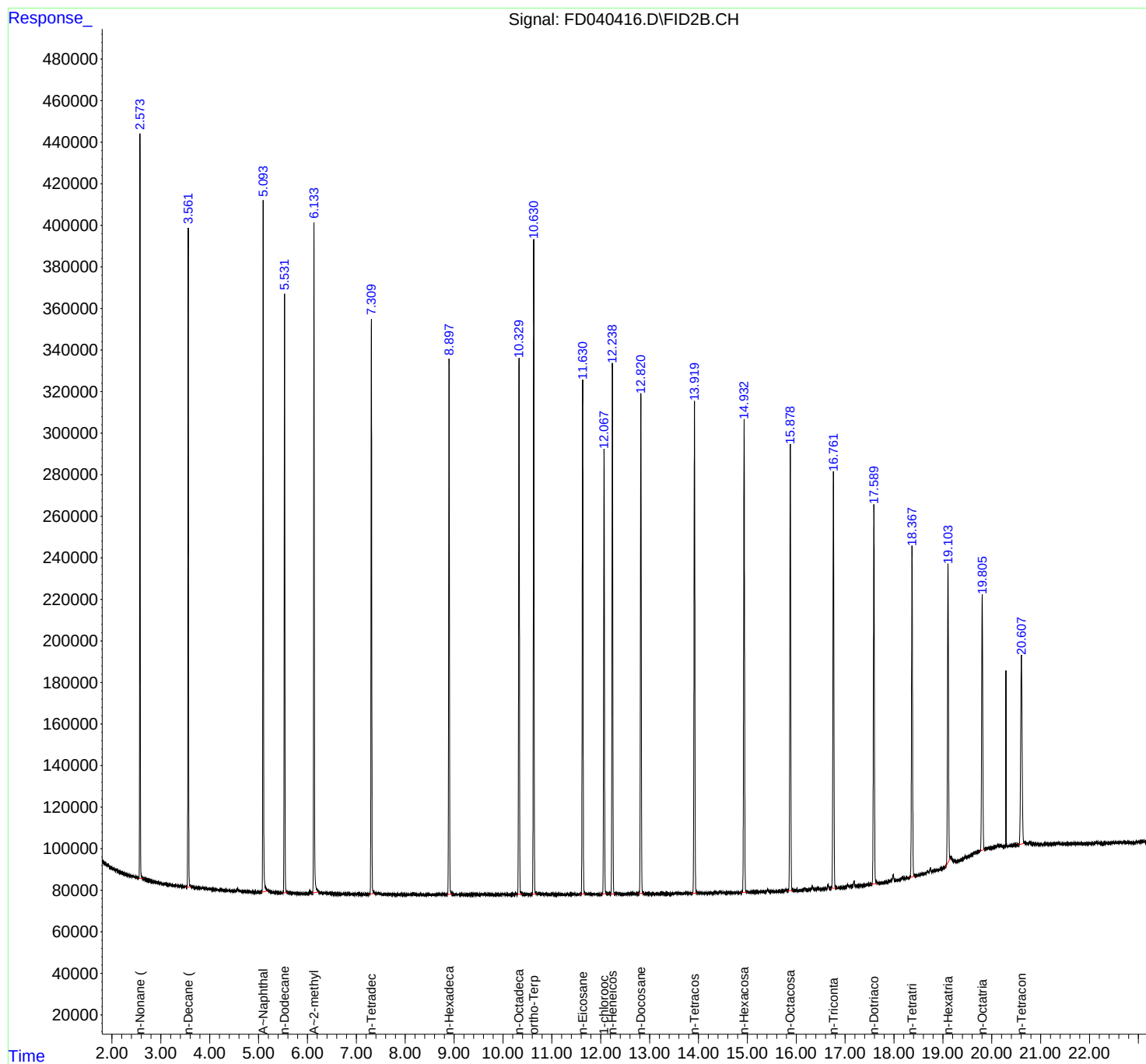
(m)=manual int.

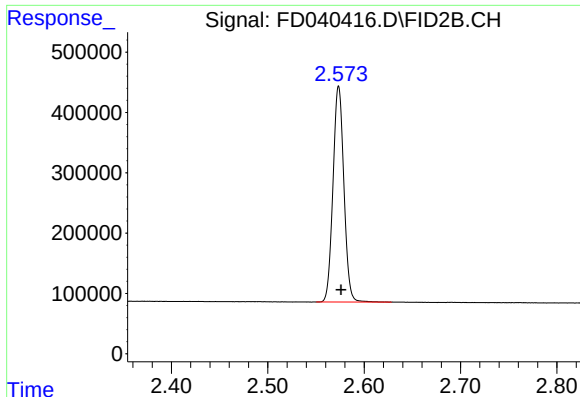
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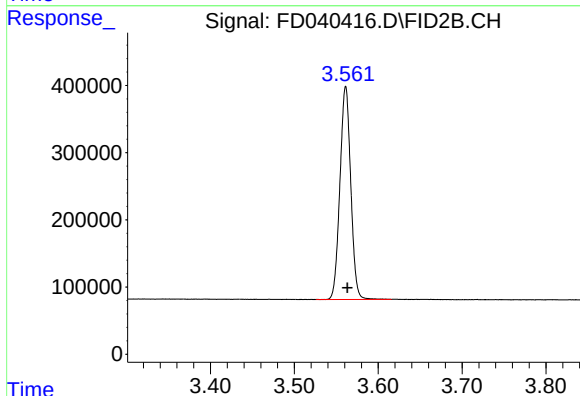




#1 n-Nonane (C9)

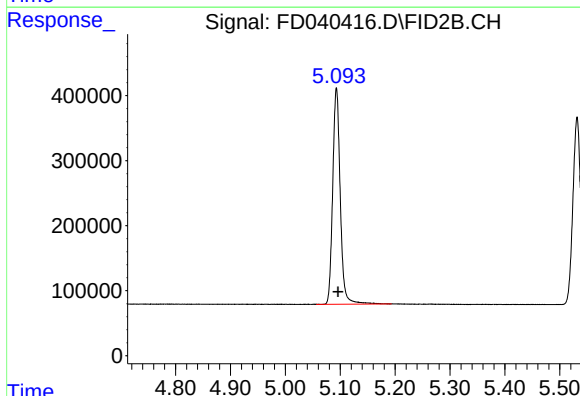
R.T.: 2.574 min
Delta R.T.: -0.002 min
Response: 2823779
Conc: 22.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



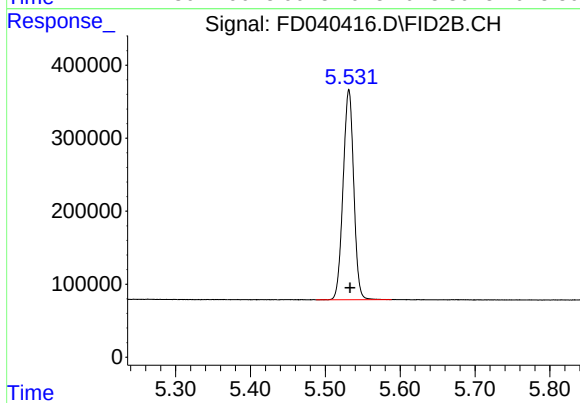
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: -0.002 min
Response: 2844860
Conc: 22.09 ug/ml



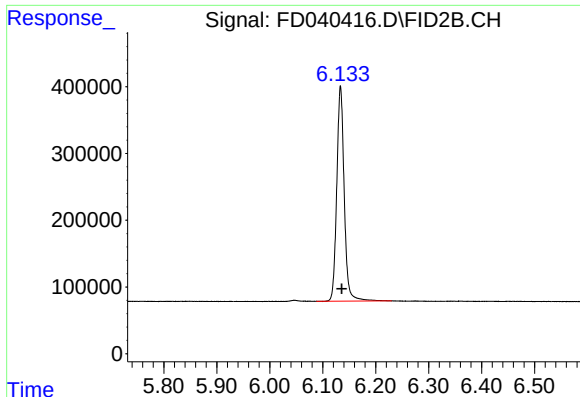
#3 A~Naphthalene (C11.7)

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 3169386
Conc: 22.31 ug/ml



#4 n-Dodecane (C12)

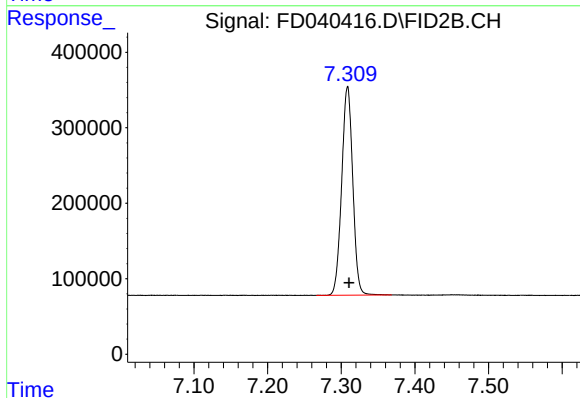
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 2843523
Conc: 22.25 ug/ml



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

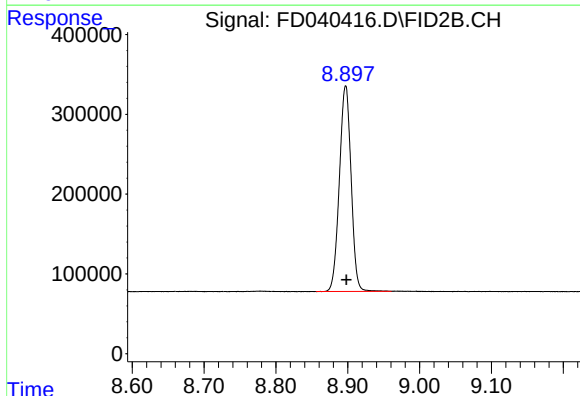
R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 3151763
Conc: 22.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



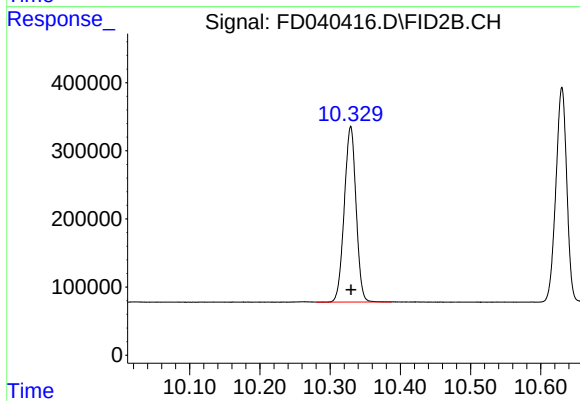
#6 n-Tetradecane (C14)

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 2887373
Conc: 22.29 ug/ml



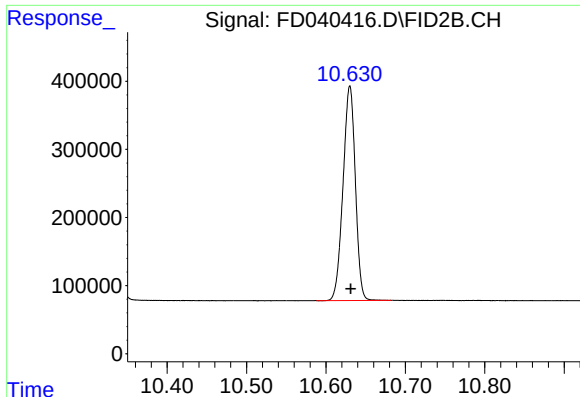
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.001 min
Response: 2912656
Conc: 22.36 ug/ml



#8 n-Octadecane (C18)

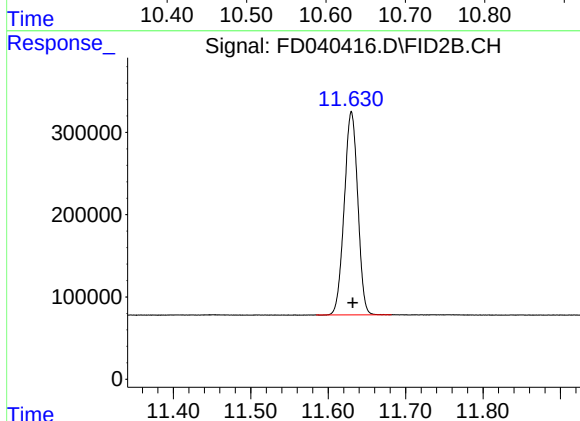
R.T.: 10.329 min
Delta R.T.: 0.000 min
Response: 3003037
Conc: 22.16 ug/ml



#9 ortho-Terphenyl (SURR)

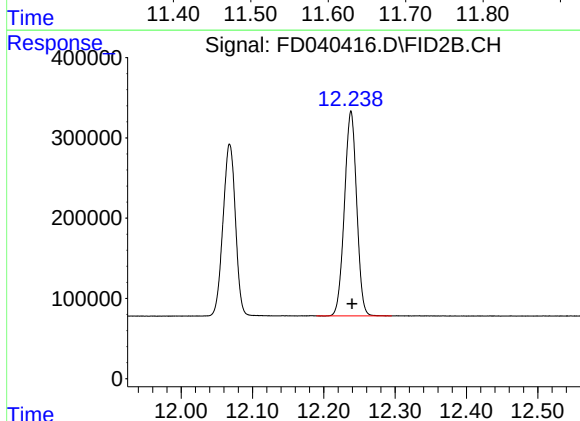
R.T.: 10.630 min
Delta R.T.: 0.000 min
Response: 3396748
Conc: 22.03 ug/ml

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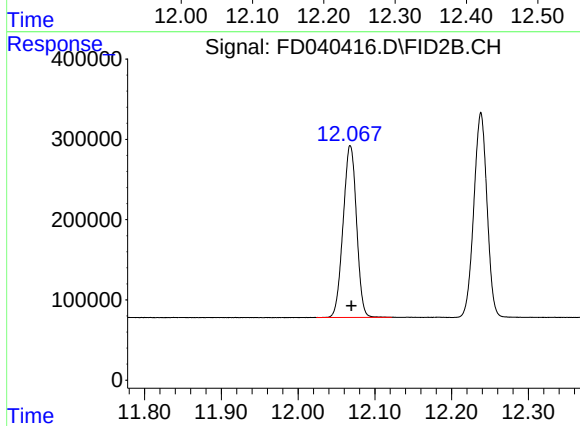
#10 n-Eicosane (C20)

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 2999657
Conc: 22.05 ug/ml



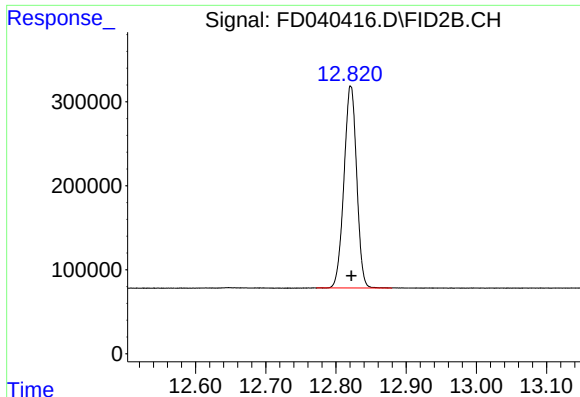
#11 n-Heneicosane (C21)

R.T.: 12.238 min
Delta R.T.: -0.001 min
Response: 3040534
Conc: 21.96 ug/ml



#12 1-chlorooctadecane (SURR)

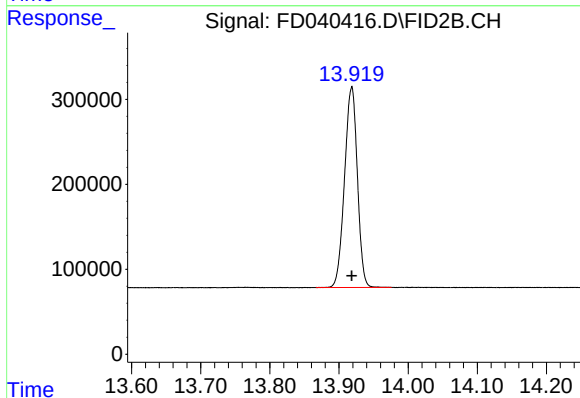
R.T.: 12.068 min
Delta R.T.: -0.001 min
Response: 2595325
Conc: 22.05 ug/ml



#13 n-Docosane (C22)

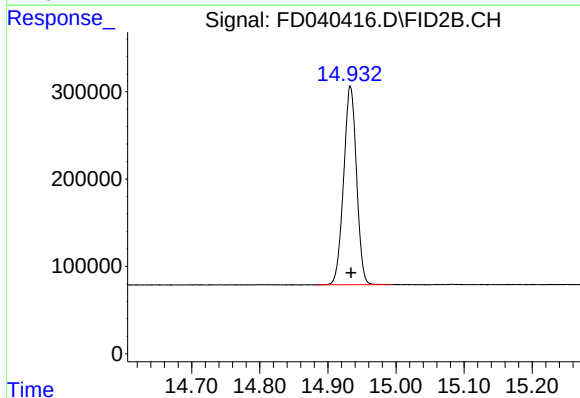
R.T.: 12.821 min
Delta R.T.: 0.000 min
Response: 3020810
Conc: 21.91 ug/ml

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20 PPM ALIPHATIC HC STD



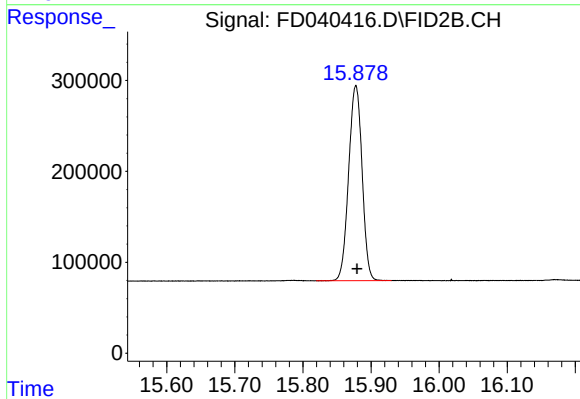
#14 n-Tetracosane (C24)

R.T.: 13.918 min
Delta R.T.: 0.000 min
Response: 3044843
Conc: 21.78 ug/ml



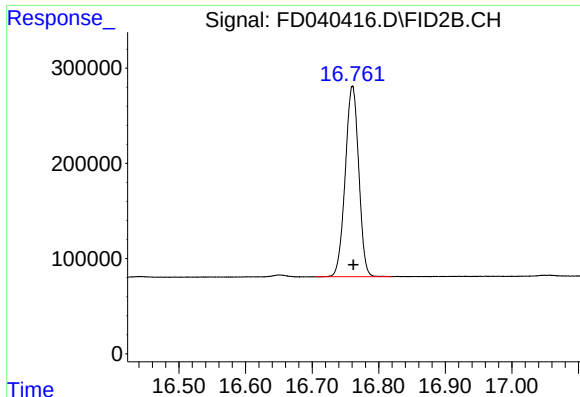
#15 n-Hexacosane (C26)

R.T.: 14.933 min
Delta R.T.: 0.000 min
Response: 2988752
Conc: 21.68 ug/ml



#16 n-Octacosane (C28)

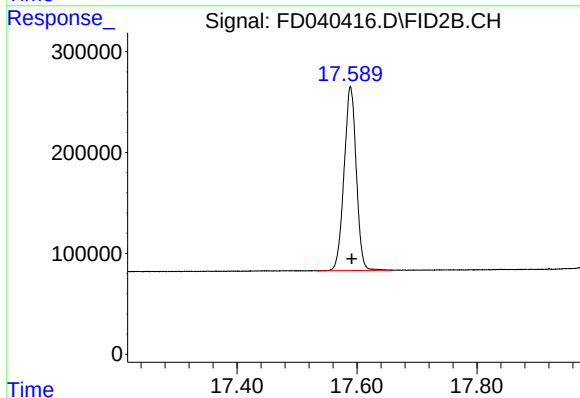
R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 2937393
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

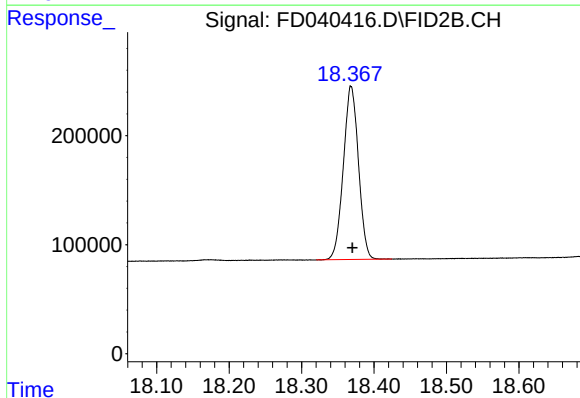
R.T.: 16.761 min
Delta R.T.: -0.002 min
Response: 2821384
Conc: 21.65 ug/ml

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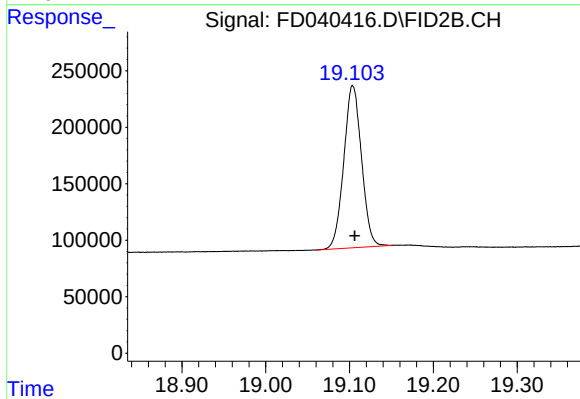
#18 n-Dotriacontane (C32)

R.T.: 17.589 min
Delta R.T.: -0.002 min
Response: 2570029
Conc: 21.50 ug/ml



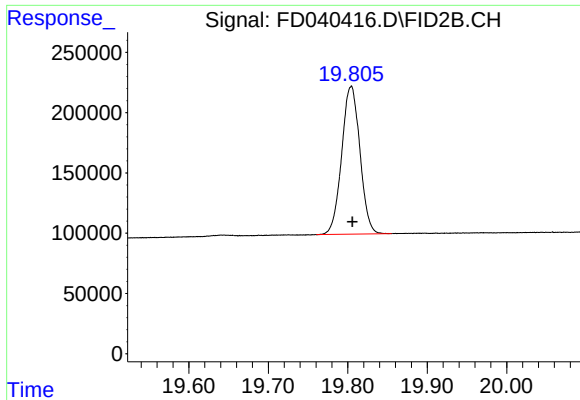
#19 n-Tetratriacontane (C34)

R.T.: 18.368 min
Delta R.T.: -0.002 min
Response: 2307843
Conc: 21.92 ug/ml



#20 n-Hexatriacontane (C36)

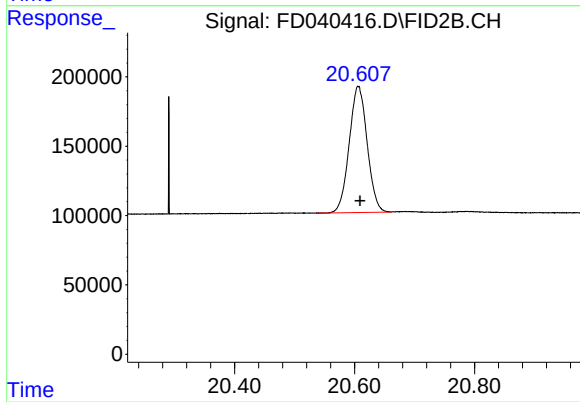
R.T.: 19.104 min
Delta R.T.: -0.003 min
Response: 2106177
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.804 min
Delta R.T.: -0.002 min
Response: 1956197
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 1891083
Conc: 22.12 ug/ml