

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040221AL\
 Data File : FD036713.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2021 3:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 04:31:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.487	2940204	19.843 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	12.919	2257496	19.398 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.290	2677199	21.061 ug/ml
2) T n-Decane (C10)	4.351	2749772	21.340 ug/ml
3) T A~Naphthalene (C11.7)	5.924	3091491	21.174 ug/ml
4) T n-Dodecane (C12)	6.360	2840502	21.428 ug/ml
5) T A~2-methylnaphthalene...	6.975	3157903	21.091 ug/ml
6) T n-Tetradecane (C14)	8.147	2849442	20.964 ug/ml
7) T n-Hexadecane (C16)	9.740	2785838	20.918 ug/ml
8) T n-Octadecane (C18)	11.174	2824878	20.393 ug/ml
10) T n-Eicosane (C20)	12.478	2731777	19.762 ug/ml
11) T n-Heneicosane (C21)	13.087	2671160	19.402 ug/ml
13) T n-Docosane (C22)	13.670	2618126	19.248 ug/ml
14) T n-Tetracosane (C24)	14.767	2526162	19.054 ug/ml
15) T n-Hexacosane (C26)	15.781	2366492	18.690 ug/ml
16) T n-Octacosane (C28)	16.725	2264559	18.777 ug/ml
17) T n-Tricontane (C30)	17.608	2202575	19.174 ug/ml
18) T n-Dotriacontane (C32)	18.434	2139875	19.455 ug/ml
19) T n-Tetratriacontane (C34)	19.213	2071504	20.170 ug/ml
20) T n-Hexatriacontane (C36)	19.948	2007624	20.548 ug/ml
21) T n-Octatriacontane (C38)	20.657	1947429	21.063 ug/ml
22) T n-Tetracontane (C40)	21.505	2017115	19.998 ug/ml

(f)=RT Delta > 1/2 Window

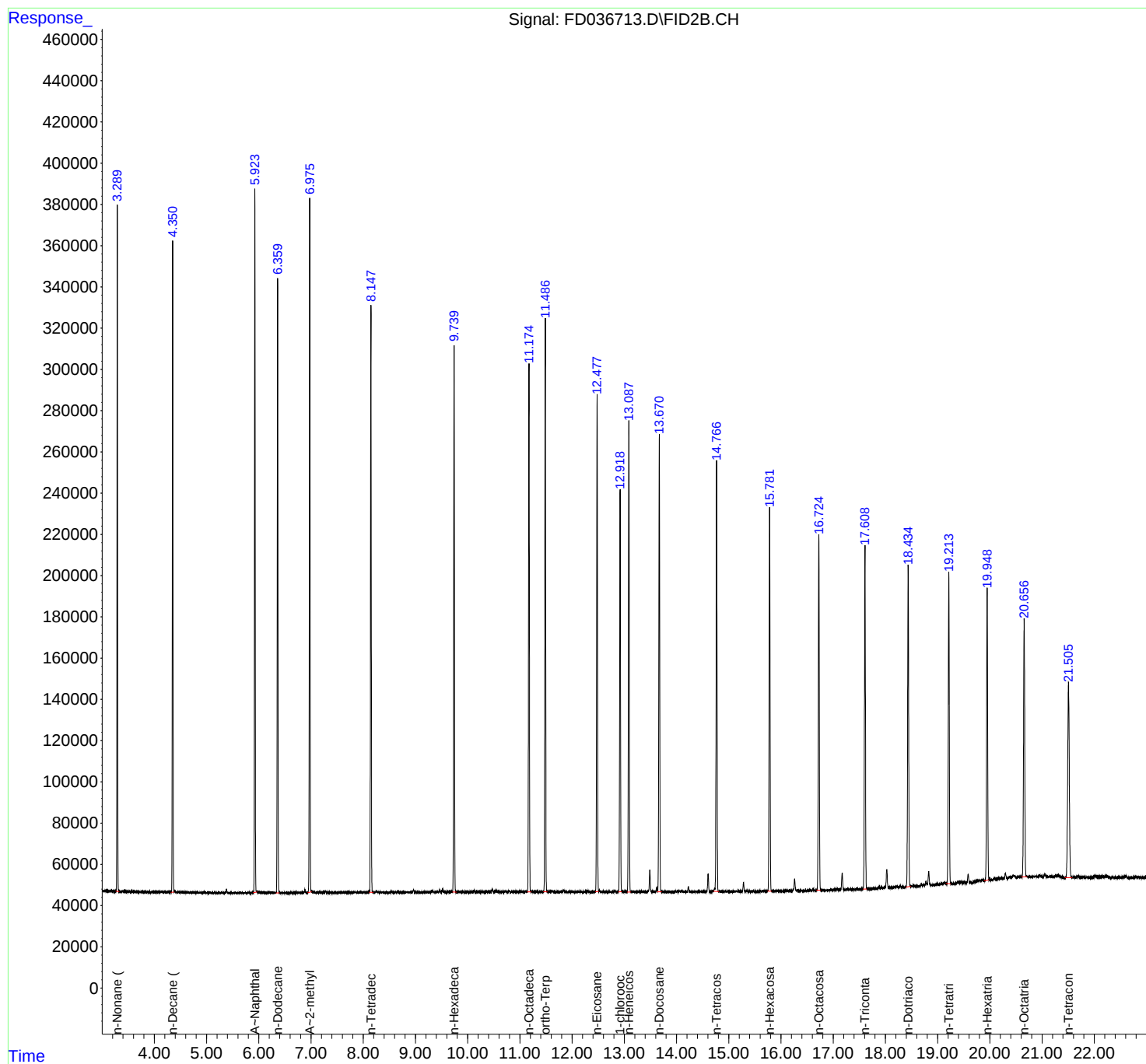
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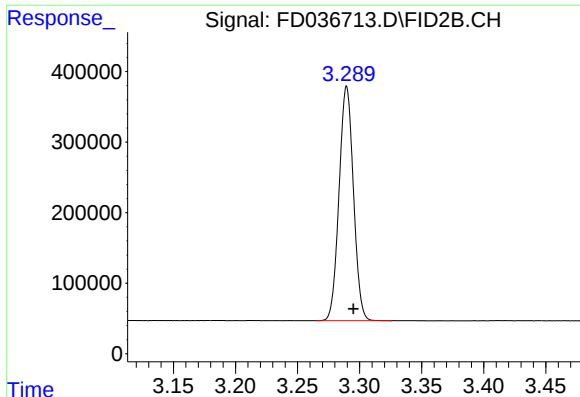
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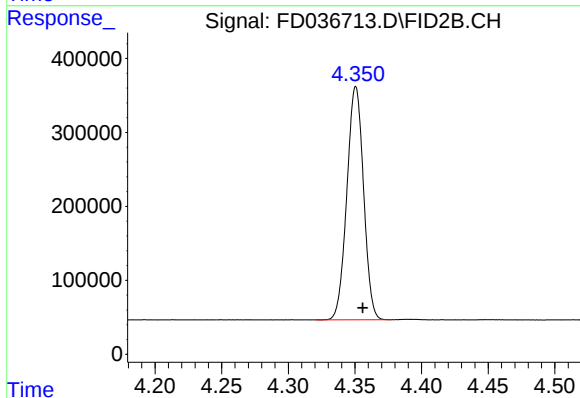




#1 n-Nonane (C9)

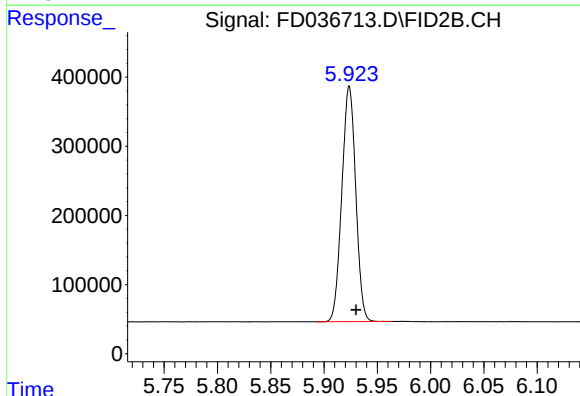
R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2677199
Conc: 21.06 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



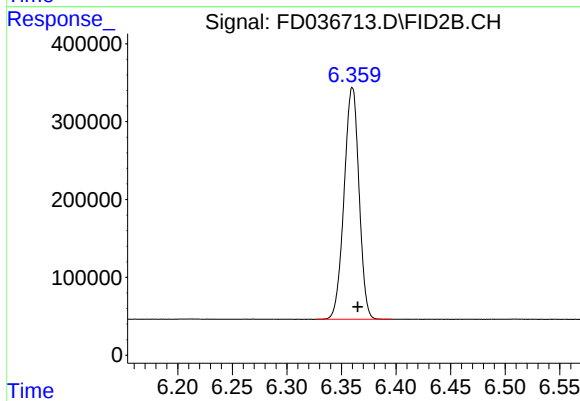
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 2749772
Conc: 21.34 ug/ml



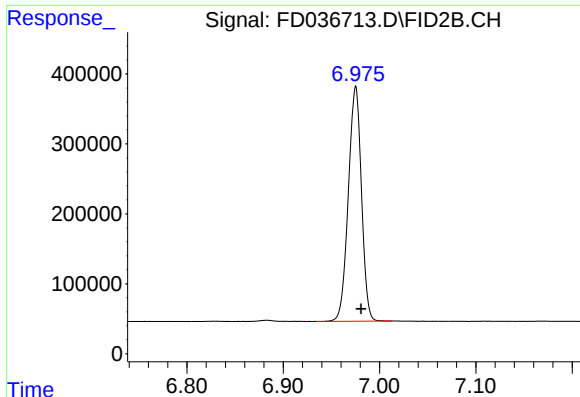
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.006 min
Response: 3091491
Conc: 21.17 ug/ml



#4 n-Dodecane (C12)

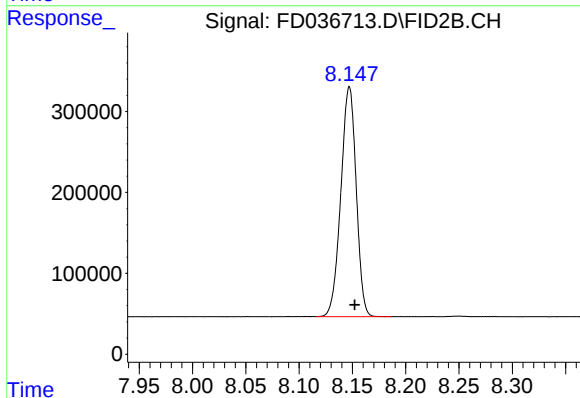
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 2840502
Conc: 21.43 ug/ml



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

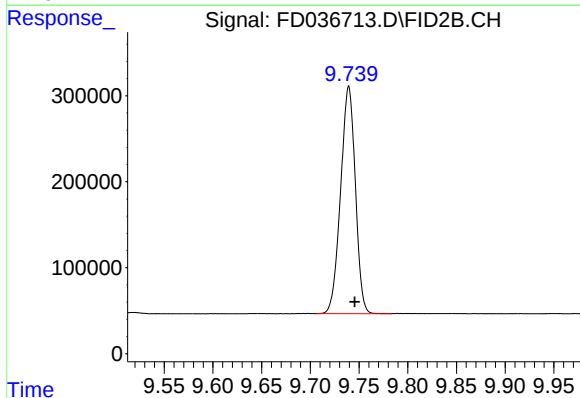
R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 3157903
Conc: 21.09 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



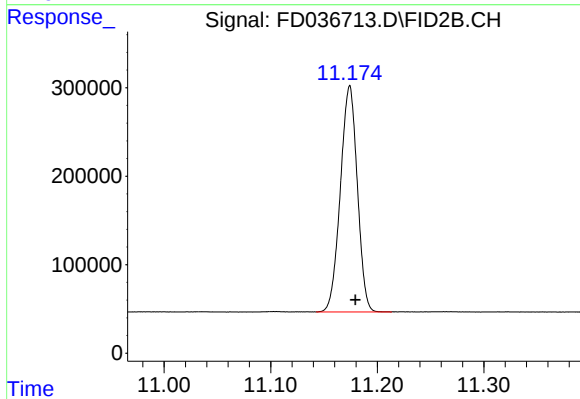
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 2849442
Conc: 20.96 ug/ml



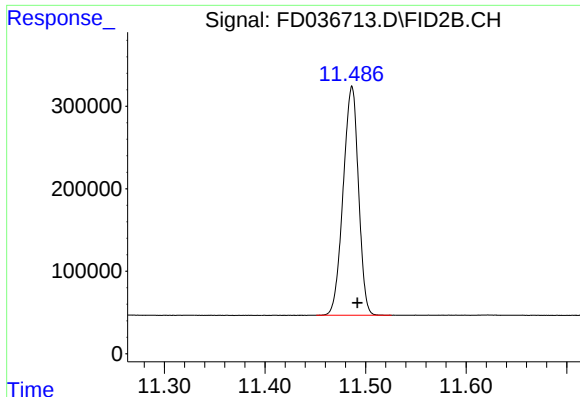
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.006 min
Response: 2785838
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

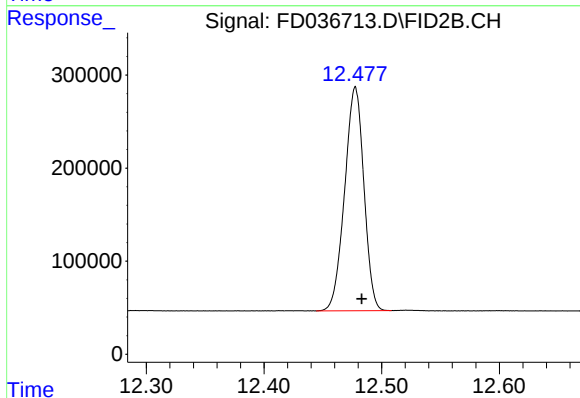
R.T.: 11.174 min
Delta R.T.: -0.005 min
Response: 2824878
Conc: 20.39 ug/ml



#9 ortho-Terphenyl (SURR)

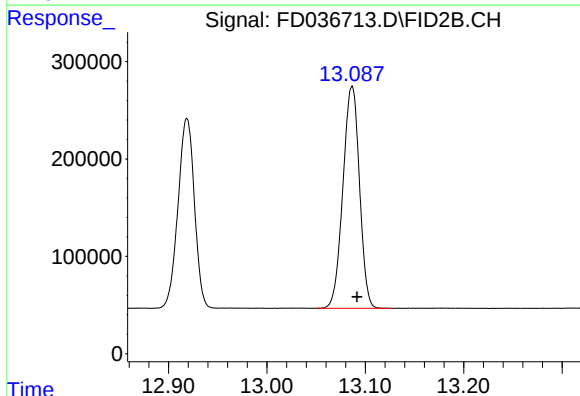
R.T.: 11.487 min
Delta R.T.: -0.005 min
Response: 2940204
Conc: 19.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



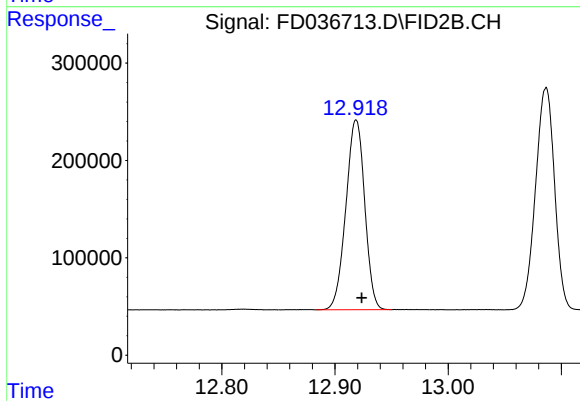
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.005 min
Response: 2731777
Conc: 19.76 ug/ml



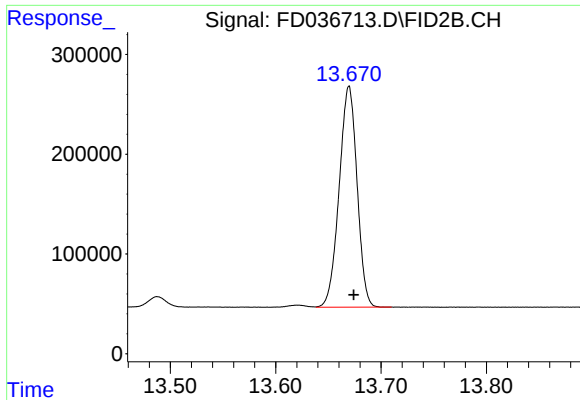
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.005 min
Response: 2671160
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

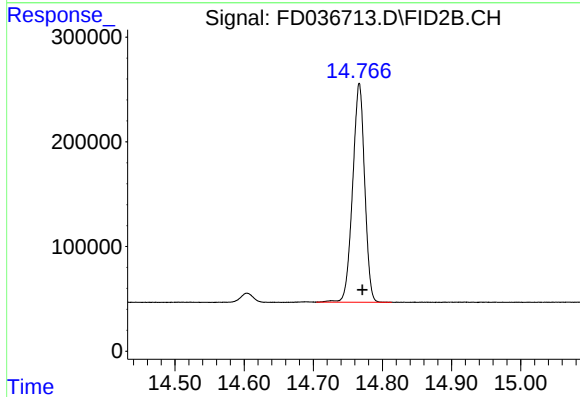
R.T.: 12.919 min
Delta R.T.: -0.005 min
Response: 2257496
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

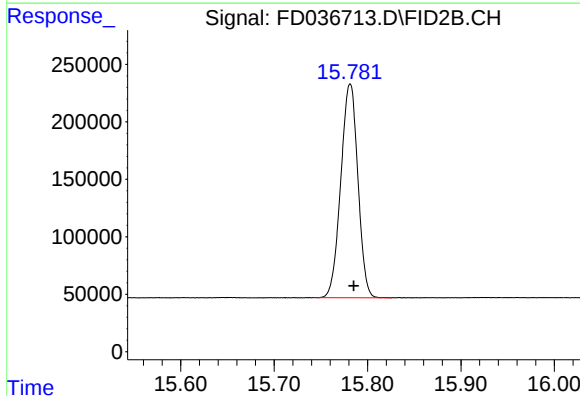
R.T.: 13.670 min
Delta R.T.: -0.005 min
Response: 2618126
Conc: 19.25 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



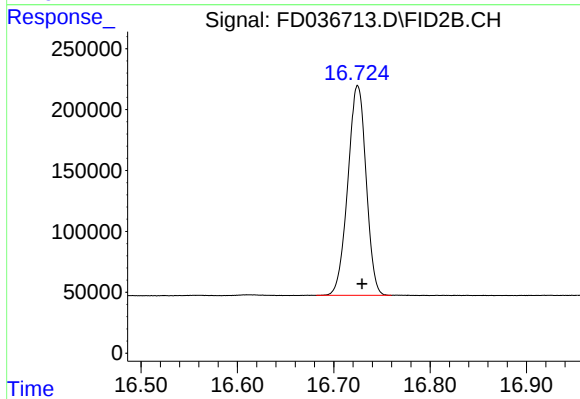
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.004 min
Response: 2526162
Conc: 19.05 ug/ml



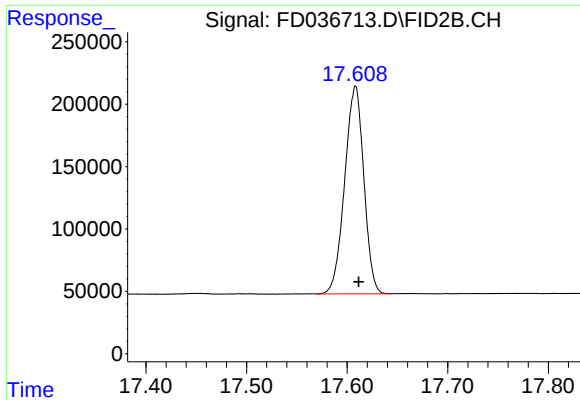
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: -0.004 min
Response: 2366492
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

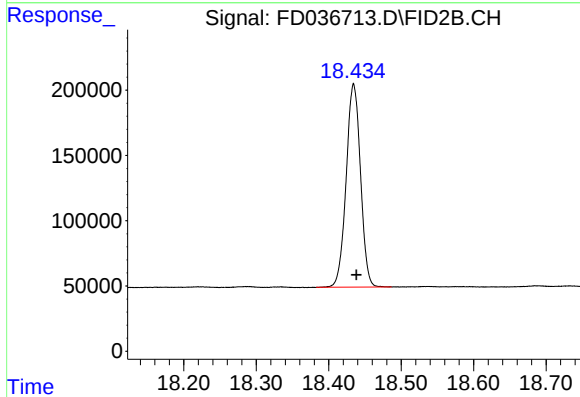
R.T.: 16.725 min
Delta R.T.: -0.005 min
Response: 2264559
Conc: 18.78 ug/ml



#17 n-Tricontane (C30)

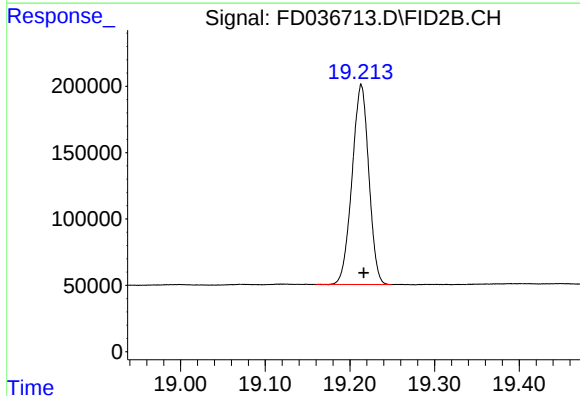
R.T.: 17.608 min
Delta R.T.: -0.003 min
Response: 2202575
Conc: 19.17 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



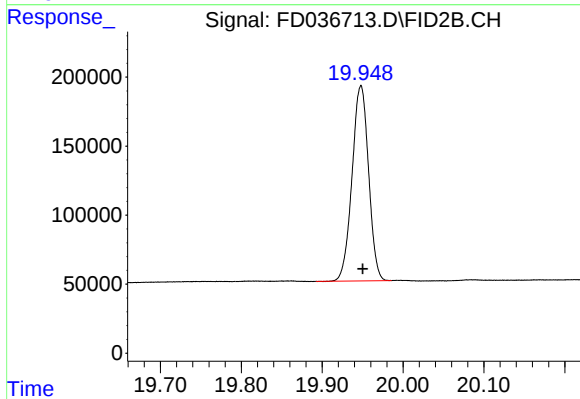
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 2139875
Conc: 19.46 ug/ml



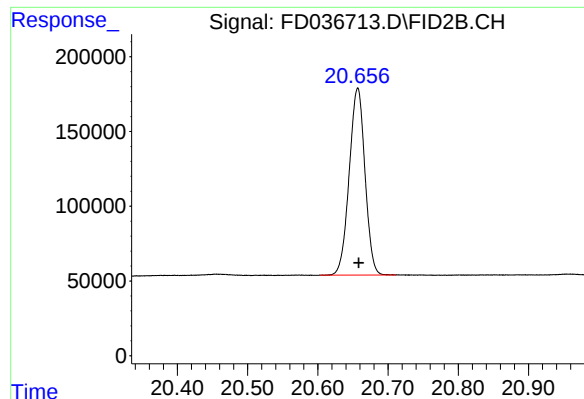
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: -0.003 min
Response: 2071504
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

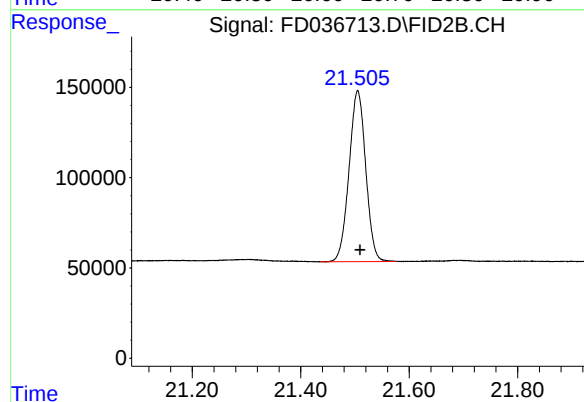
R.T.: 19.948 min
Delta R.T.: -0.002 min
Response: 2007624
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: -0.001 min
Response: 1947429
Conc: 21.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: -0.004 min
Response: 2017115
Conc: 20.00 ug/ml