

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081922AL\
 Data File : FD043690.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 21:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 20 01:02:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.521	2756248	17.412 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	12.957	2127721	17.361 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T n-Nonane (C9)	3.301	2784646	19.867 ug/ml
2) T n-Decane (C10)	4.365	2844723	20.232 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2957506	19.464 ug/ml
4) T n-Dodecane (C12)	6.379	2828401	19.872 ug/ml
5) T A~2-methylnaphthalene...	6.999	2863928	19.141 ug/ml
6) T n-Tetradecane (C14)	8.171	2742967	19.337 ug/ml
7) T n-Hexadecane (C16)	9.768	2707230	19.088 ug/ml
8) T n-Octadecane (C18)	11.207	2656938	18.581 ug/ml
10) T n-Eicosane (C20)	12.515	2571178	17.758 ug/ml
11) T n-Heneicosane (C21)	13.124	2526349	17.394 ug/ml
13) T n-Docosane (C22)	13.710	2493958	17.190 ug/ml
14) T n-Tetracosane (C24)	14.810	2465847	17.021 ug/ml
15) T n-Hexacosane (C26)	15.828	2415147	16.791 ug/ml
16) T n-Octacosane (C28)	16.775	2438621	17.239 ug/ml
17) T n-Tricontane (C30)	17.660	2638304	18.692 ug/ml
18) T n-Dotriacontane (C32)	18.490	2769279	20.026 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2666867	20.724 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2611891	21.175 ug/ml
21) T n-Octatriacontane (C38)	20.728	2655578	22.458 ug/ml
22) T n-Tetracontane (C40)	21.603	2442558	21.602 ug/ml

(f)=RT Delta > 1/2 Window

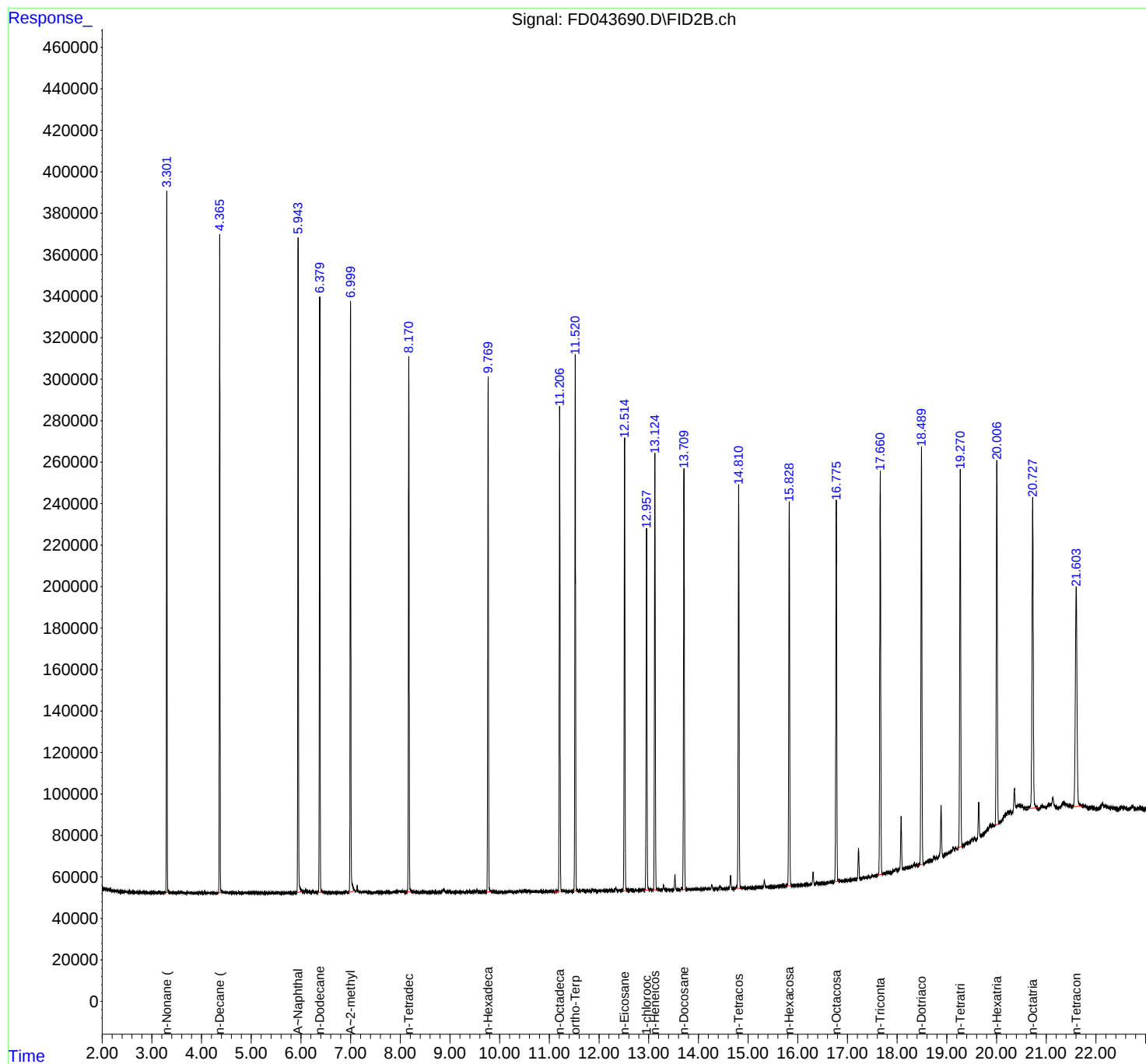
(m)=manual int.

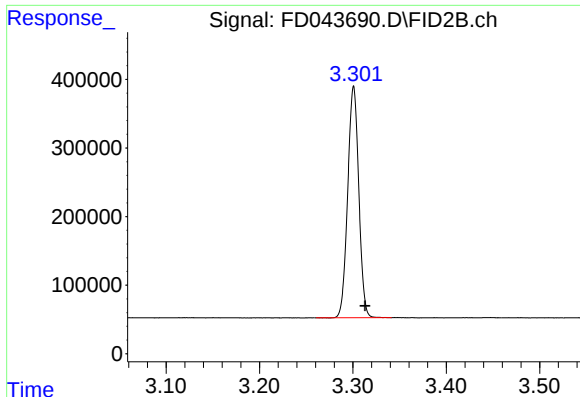
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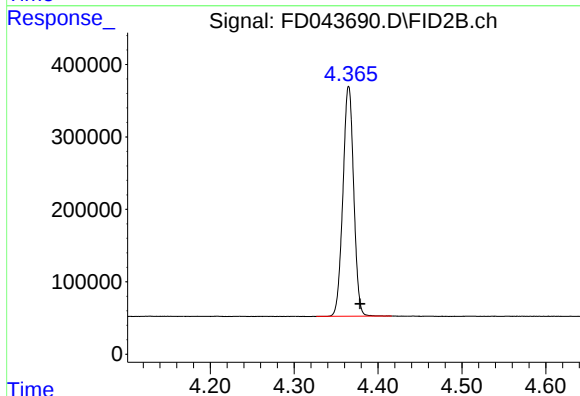




#1 n-Nonane (C9)

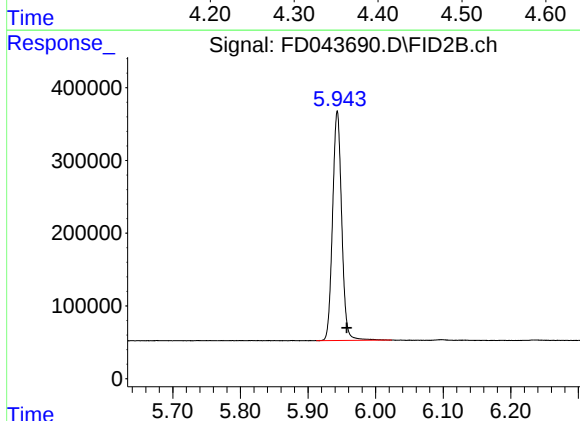
R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 2784646
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



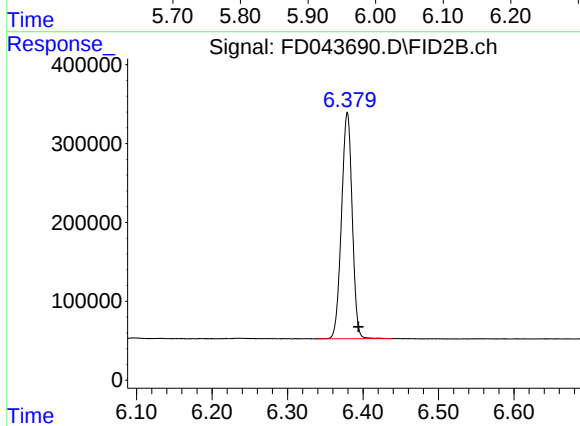
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.013 min
Response: 2844723
Conc: 20.23 ug/ml



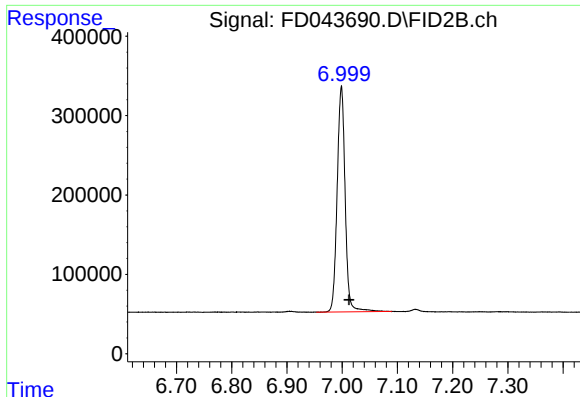
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.014 min
Response: 2957506
Conc: 19.46 ug/ml



#4 n-Dodecane (C12)

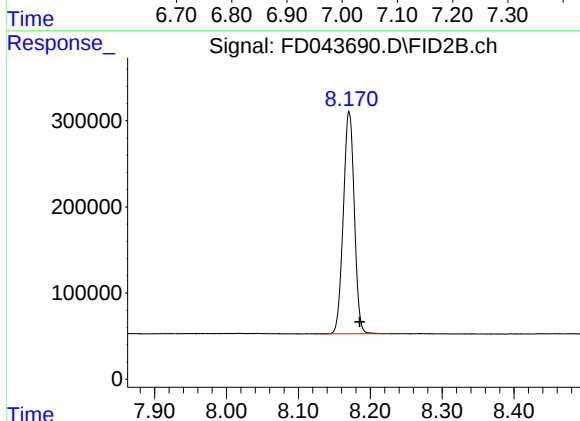
R.T.: 6.379 min
Delta R.T.: -0.015 min
Response: 2828401
Conc: 19.87 ug/ml



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

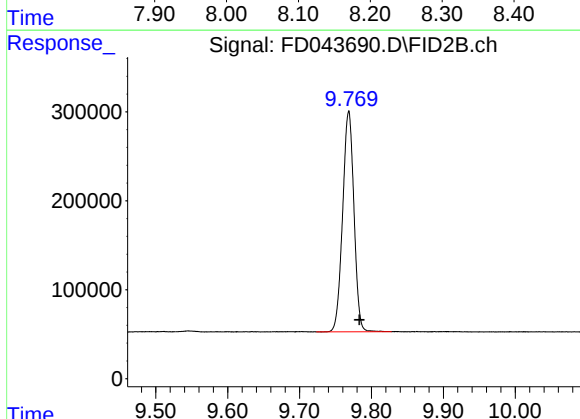
R.T.: 6.999 min
Delta R.T.: -0.014 min
Response: 2863928
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



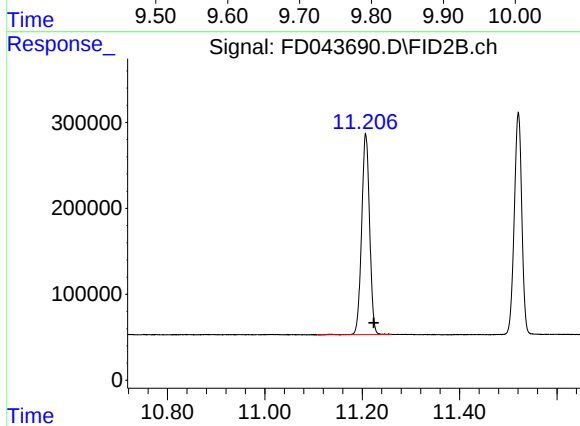
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.015 min
Response: 2742967
Conc: 19.34 ug/ml



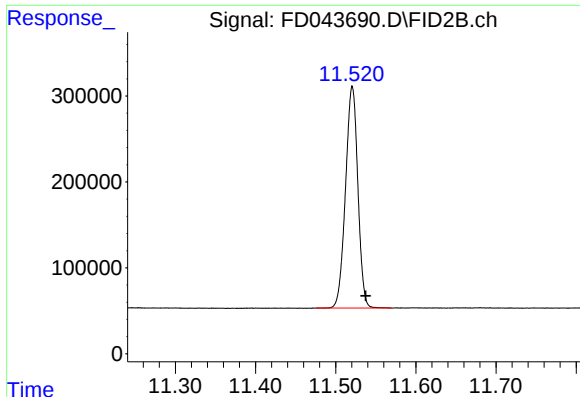
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.015 min
Response: 2707230
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

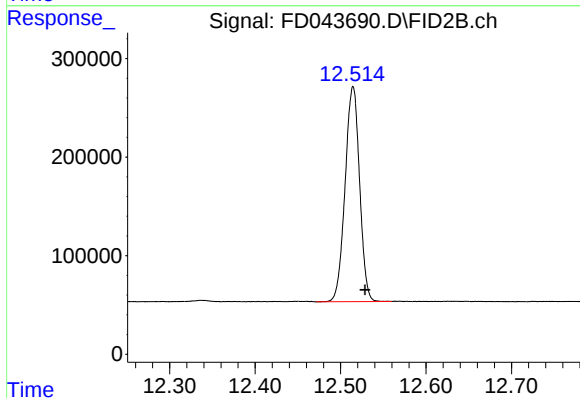
R.T.: 11.207 min
Delta R.T.: -0.016 min
Response: 2656938
Conc: 18.58 ug/ml



#9 ortho-Terphenyl (SURR)

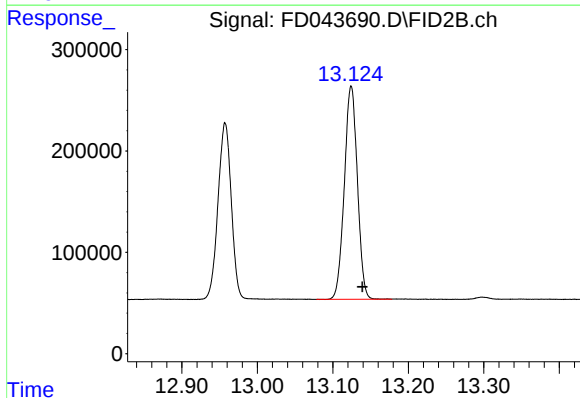
R.T.: 11.521 min
Delta R.T.: -0.017 min
Response: 2756248
Conc: 17.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



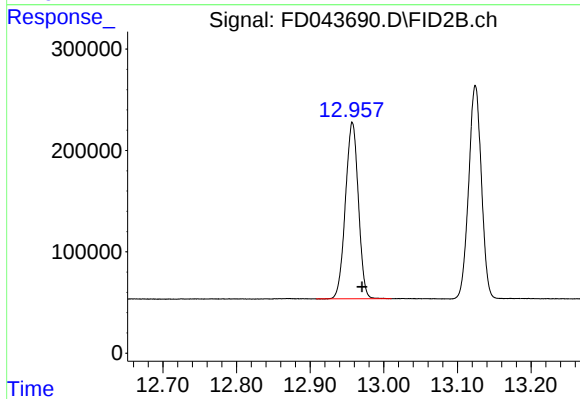
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.014 min
Response: 2571178
Conc: 17.76 ug/ml



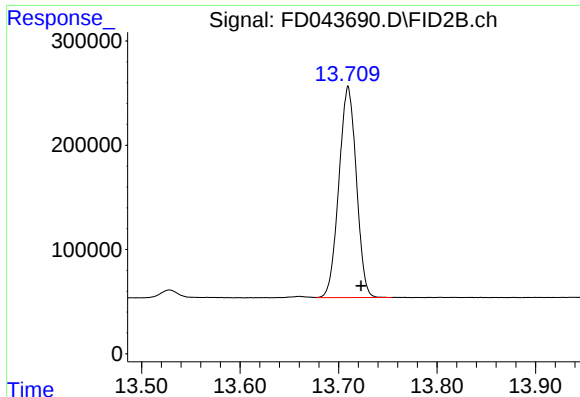
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.015 min
Response: 2526349
Conc: 17.39 ug/ml



#12 1-chlorooctadecane (SURR)

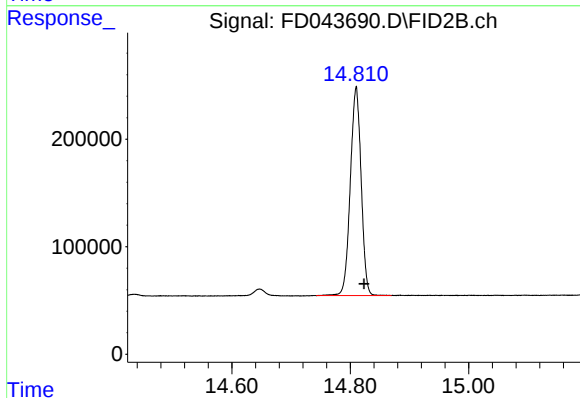
R.T.: 12.957 min
Delta R.T.: -0.013 min
Response: 2127721
Conc: 17.36 ug/ml



#13 n-Docosane (C22)

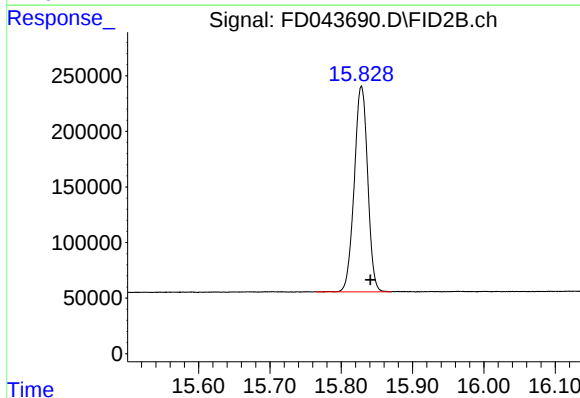
R.T.: 13.710 min
Delta R.T.: -0.013 min
Response: 2493958
Conc: 17.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



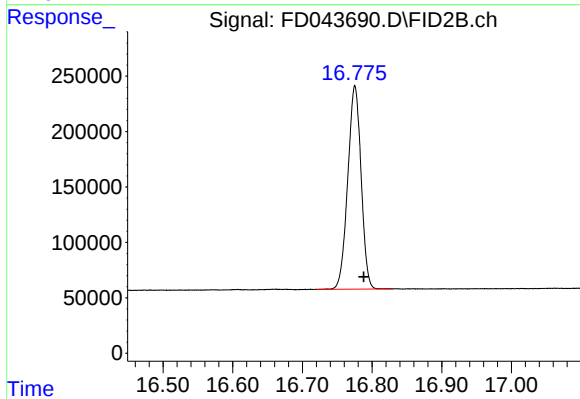
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 2465847
Conc: 17.02 ug/ml



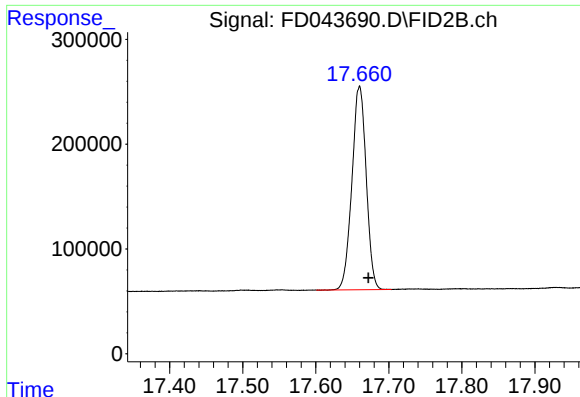
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.013 min
Response: 2415147
Conc: 16.79 ug/ml



#16 n-Octacosane (C28)

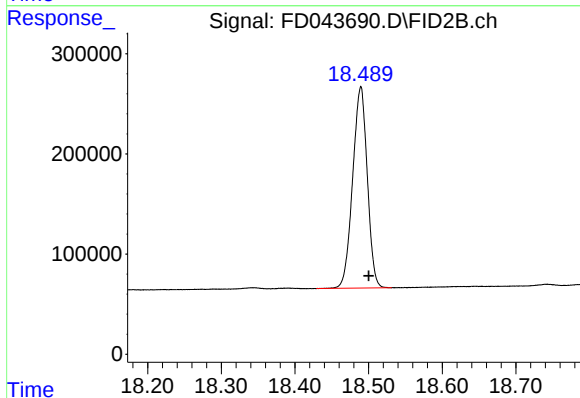
R.T.: 16.775 min
Delta R.T.: -0.013 min
Response: 2438621
Conc: 17.24 ug/ml



#17 n-Tricontane (C30)

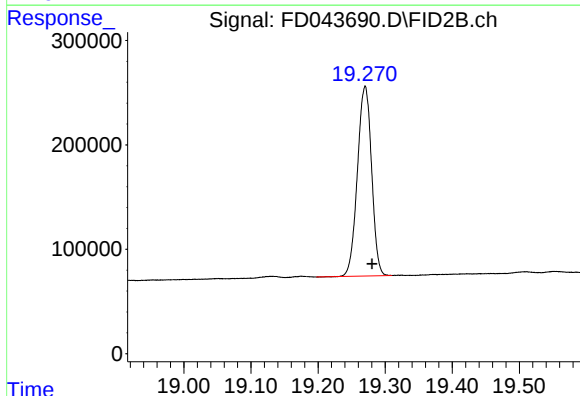
R.T.: 17.660 min
Delta R.T.: -0.012 min
Response: 2638304
Conc: 18.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



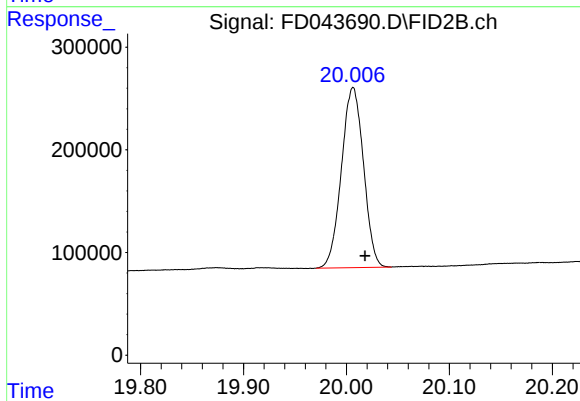
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.011 min
Response: 2769279
Conc: 20.03 ug/ml



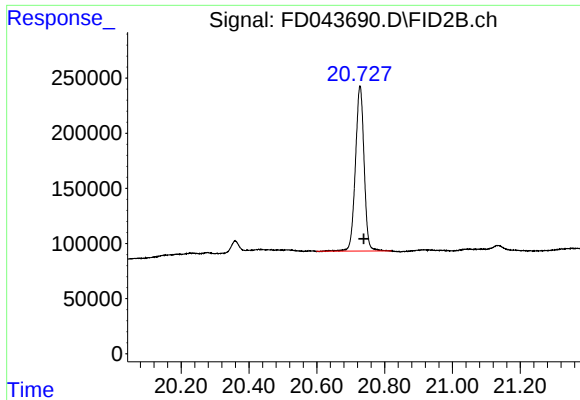
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.010 min
Response: 2666867
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

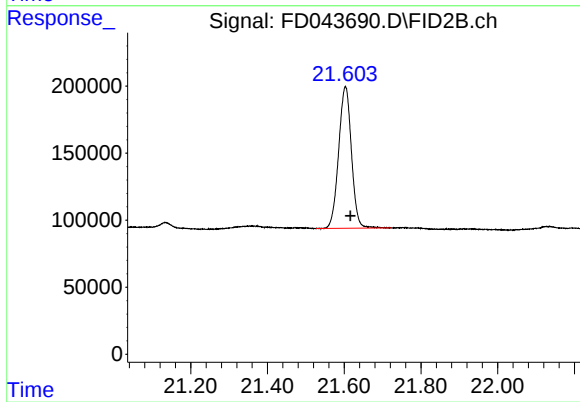
R.T.: 20.006 min
Delta R.T.: -0.011 min
Response: 2611891
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.011 min
Response: 2655578
Conc: 22.46 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.013 min
Response: 2442558
Conc: 21.60 ug/ml