

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032822AL\
 Data File : FD041761.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2022 11:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 14:26:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.228	3510956	19.798 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
12) S 1-chlorooctadecane (S...	12.667	2687335	19.407 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.090	2942587	20.004 ug/ml
2) T n-Decane (C10)	4.138	2929379	20.061 ug/ml
3) T A~Naphthalene (C11.7)	5.689	3153985	20.191 ug/ml
4) T n-Dodecane (C12)	6.135	3054961	20.281 ug/ml
5) T A~2-methylnaphthalene...	6.735	3119598	20.055 ug/ml
6) T n-Tetradecane (C14)	7.912	3106437	20.394 ug/ml
7) T n-Hexadecane (C16)	9.499	3162401	20.510 ug/ml
8) T n-Octadecane (C18)	10.930	3207833	20.360 ug/ml
10) T n-Eicosane (C20)	12.230	3179580	20.099 ug/ml
11) T n-Heneicosane (C21)	12.838	3160971	19.739 ug/ml
13) T n-Docosane (C22)	13.420	3191280	19.870 ug/ml
14) T n-Tetracosane (C24)	14.516	3216729	19.900 ug/ml
15) T n-Hexacosane (C26)	15.531	3147847	19.490 ug/ml
16) T n-Octacosane (C28)	16.476	3098145	19.247 ug/ml
17) T n-Tricontane (C30)	17.357	2978080	18.897 ug/ml
18) T n-Dotriacontane (C32)	18.184	2747877	18.518 ug/ml
19) T n-Tetratriacontane (C34)	18.963	2482723	18.530 ug/ml
20) T n-Hexatriacontane (C36)	19.700	2284033	19.075 ug/ml
21) T n-Octatriacontane (C38)	20.396	2167728	19.586 ug/ml
22) T n-Tetracontane (C40)	21.176	2158268	20.046 ug/ml

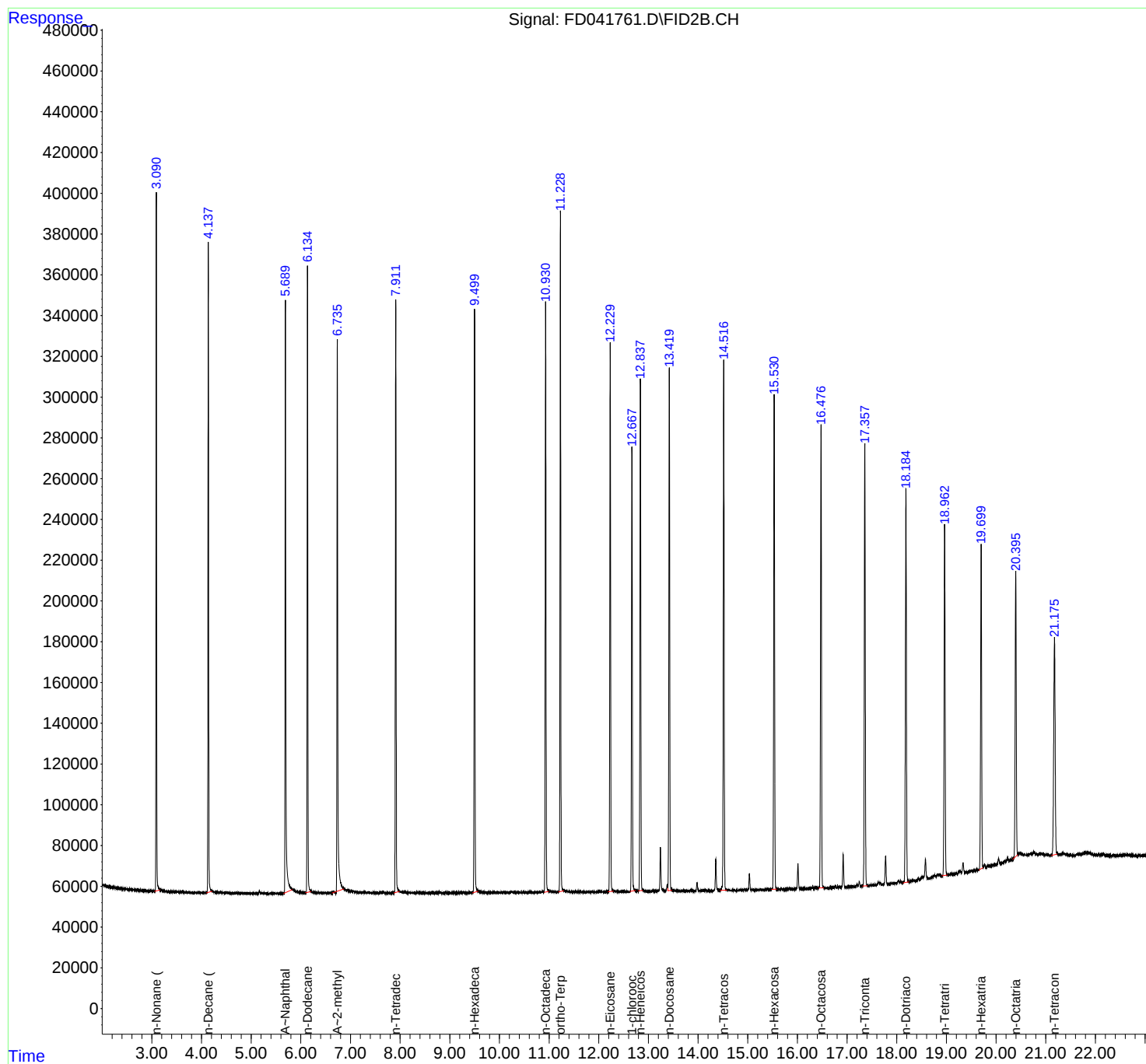
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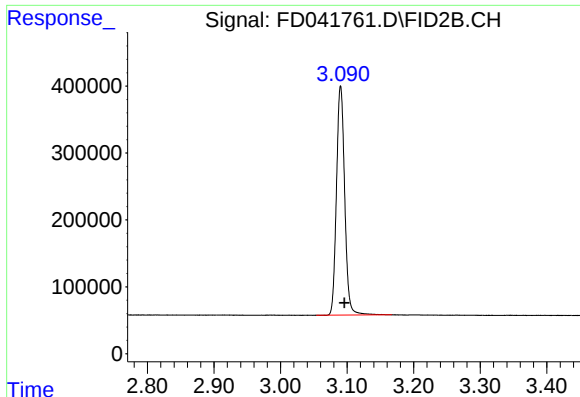
(m)=manual int.

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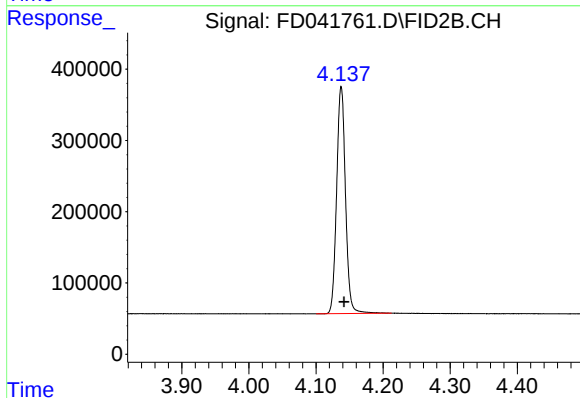
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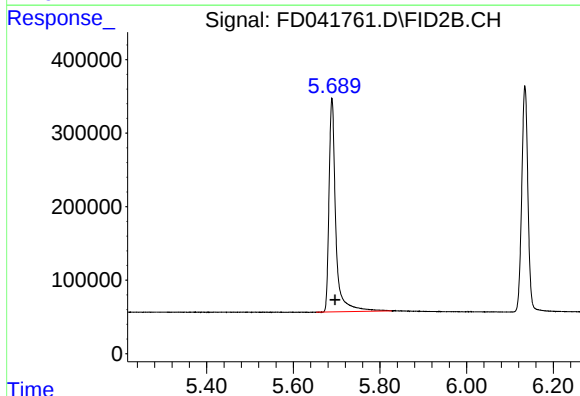
#1 n-Nonane (C9)

R.T.: 3.090 min
Delta R.T.: -0.006 min
Response: 2942587
Conc: 20.00 ug/ml



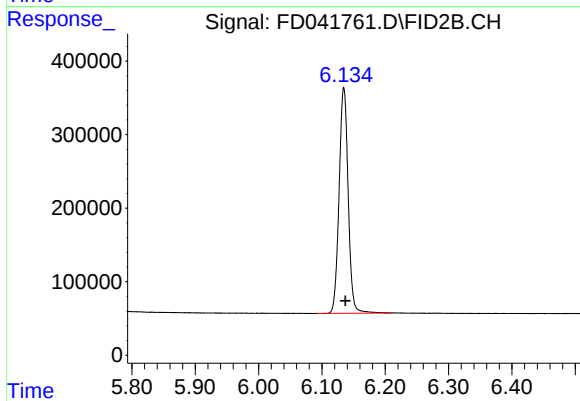
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 2929379
Conc: 20.06 ug/ml



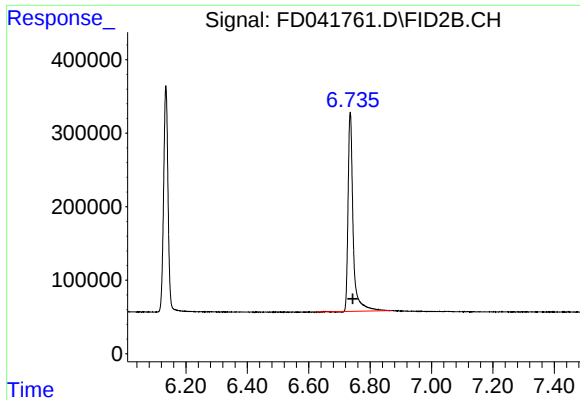
#3 A~Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 3153985
Conc: 20.19 ug/ml



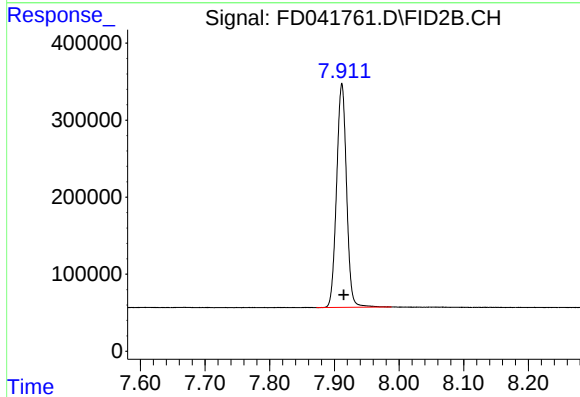
#4 n-Dodecane (C12)

R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 3054961
Conc: 20.28 ug/ml



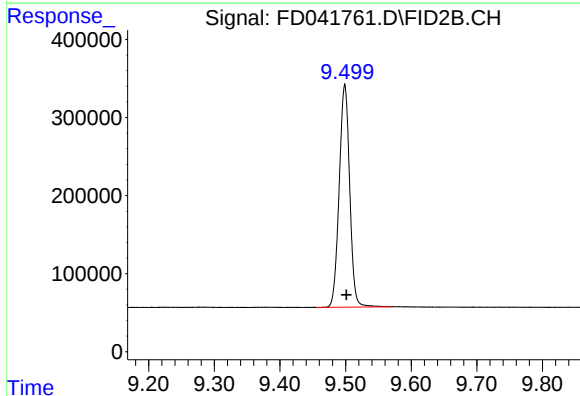
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.008 min
Response: 3119598
Conc: 20.05 ug/ml



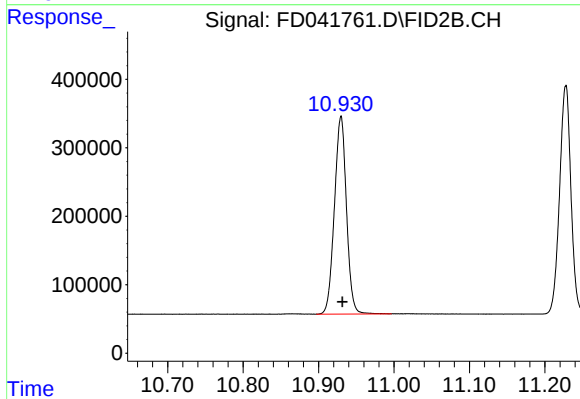
#6 n-Tetradecane (C14)

R.T.: 7.912 min
Delta R.T.: -0.003 min
Response: 3106437
Conc: 20.39 ug/ml



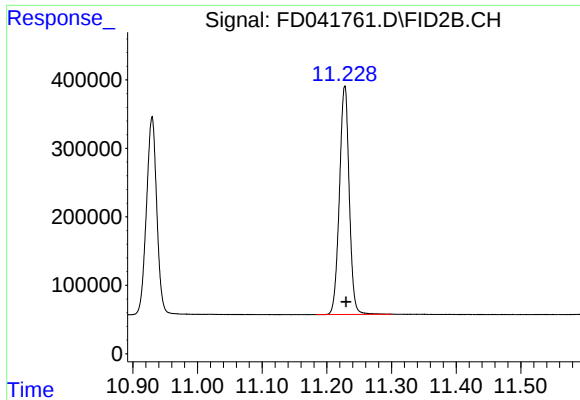
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 3162401
Conc: 20.51 ug/ml



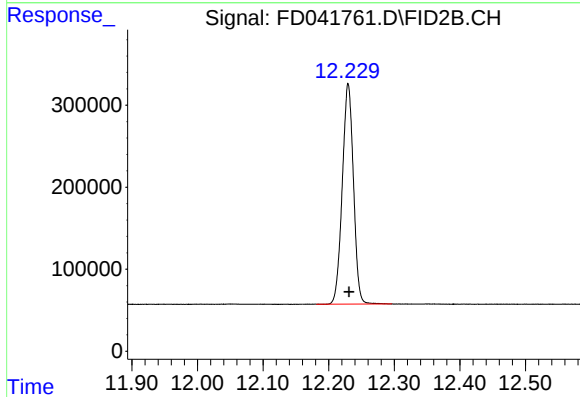
#8 n-Octadecane (C18)

R.T.: 10.930 min
Delta R.T.: -0.002 min
Response: 3207833
Conc: 20.36 ug/ml



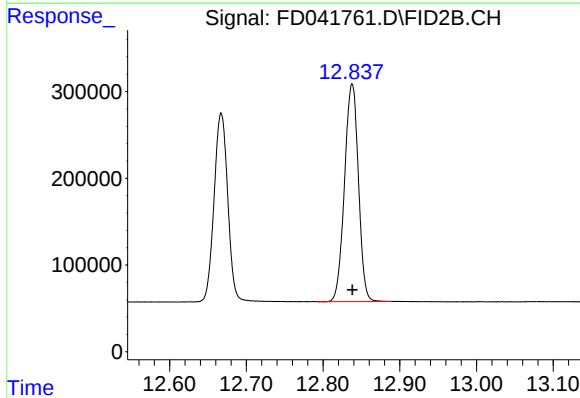
#9 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 3510956
Conc: 19.80 ug/ml



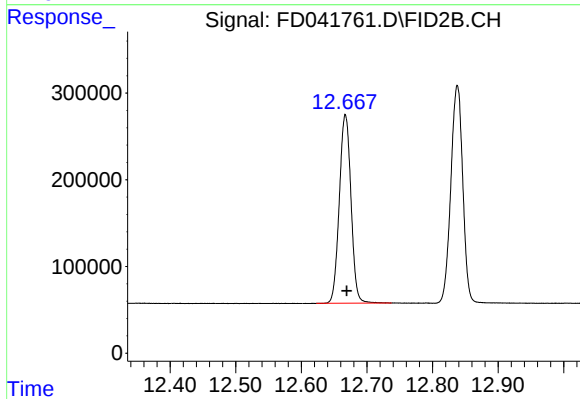
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.001 min
Response: 3179580
Conc: 20.10 ug/ml



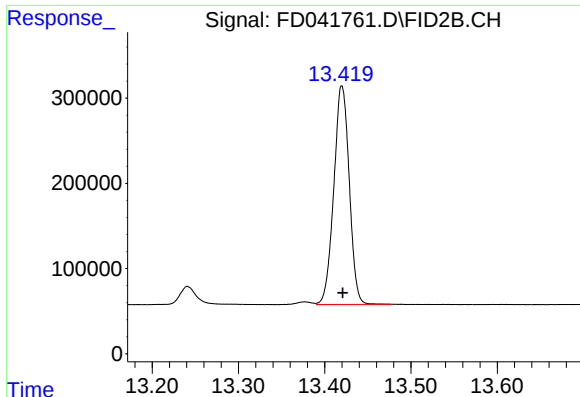
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 3160971
Conc: 19.74 ug/ml



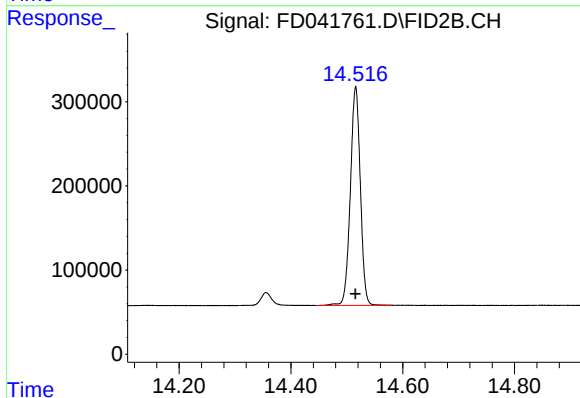
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: -0.002 min
Response: 2687335
Conc: 19.41 ug/ml



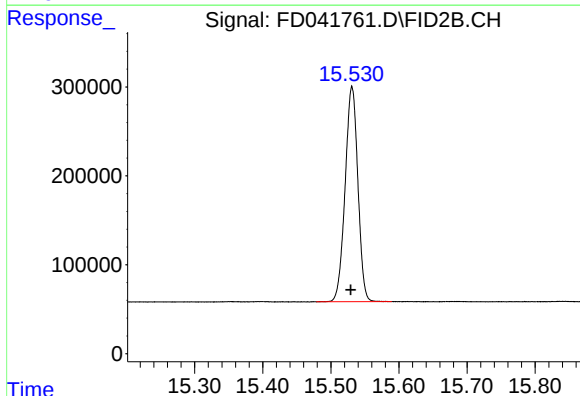
#13 n-Docosane (C22)

R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 3191280
Conc: 19.87 ug/ml



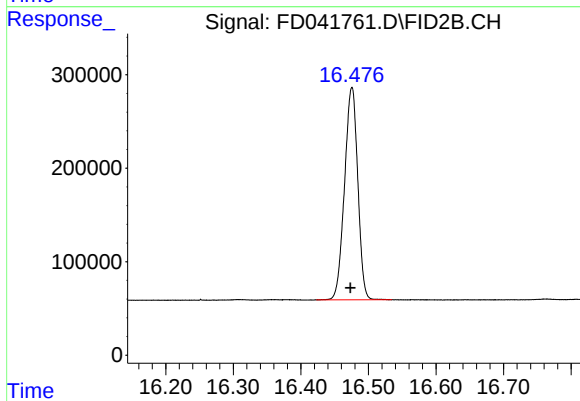
#14 n-Tetracosane (C24)

R.T.: 14.516 min
Delta R.T.: 0.000 min
Response: 3216729
Conc: 19.90 ug/ml



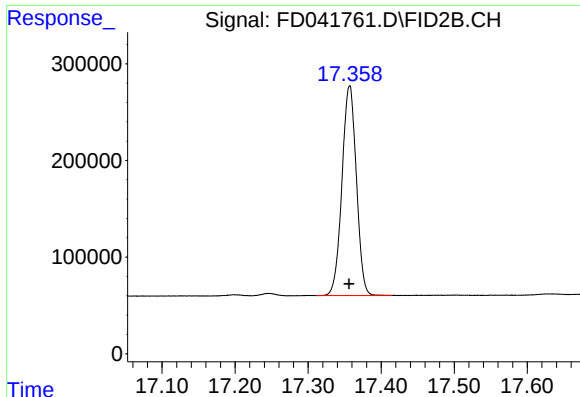
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.002 min
Response: 3147847
Conc: 19.49 ug/ml



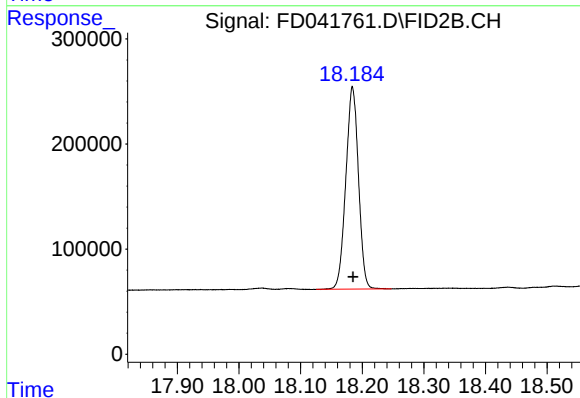
#16 n-Octacosane (C28)

R.T.: 16.476 min
Delta R.T.: 0.002 min
Response: 3098145
Conc: 19.25 ug/ml



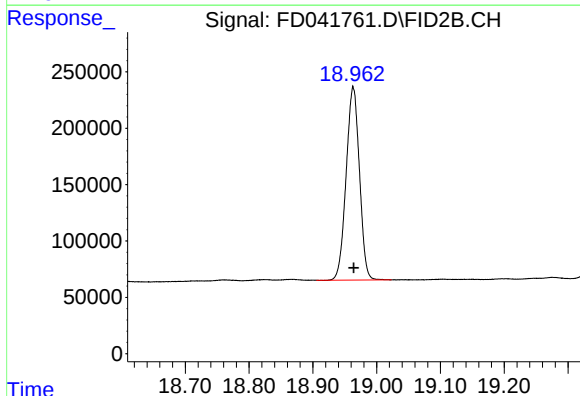
#17 n-Tricontane (C30)

R.T.: 17.357 min
Delta R.T.: 0.001 min
Response: 2978080
Conc: 18.90 ug/ml



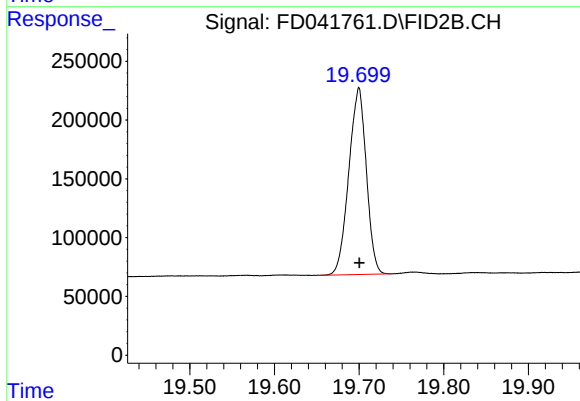
#18 n-Dotriacontane (C32)

R.T.: 18.184 min
Delta R.T.: -0.001 min
Response: 2747877
Conc: 18.52 ug/ml



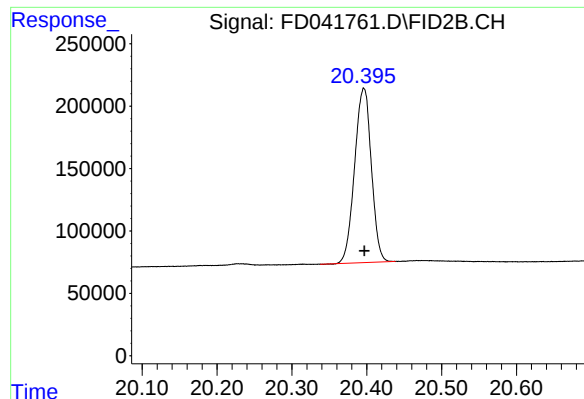
#19 n-Tetratriacontane (C34)

R.T.: 18.963 min
Delta R.T.: 0.000 min
Response: 2482723
Conc: 18.53 ug/ml



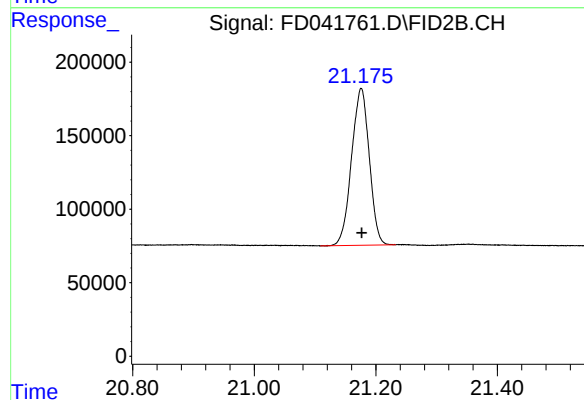
#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 2284033
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.396 min
Delta R.T.: 0.000 min
Response: 2167728
Conc: 19.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 2158268
Conc: 20.05 ug/ml