

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101321AL\
 Data File : FD039111.D
 Signal(s) : FID2B.CH
 Acq On : 13 Oct 2021 12:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 13:45:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.674	2561165	18.045 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
12) S 1-chlorooctadecane (S...	13.101	1995836	17.749 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T n-Nonane (C9)	3.435	2492128	19.757 ug/ml
2) T n-Decane (C10)	4.504	2525708	19.789 ug/ml
3) T A~Naphthalene (C11.7)	6.096	2777858	19.507 ug/ml
4) T n-Dodecane (C12)	6.520	2517326	19.656 ug/ml
5) T A~2-methylnaphthalene...	7.151	2772113	19.364 ug/ml
6) T n-Tetradecane (C14)	8.313	2515282	19.384 ug/ml
7) T n-Hexadecane (C16)	9.911	2485195	19.055 ug/ml
8) T n-Octadecane (C18)	11.349	2489617	18.615 ug/ml
10) T n-Eicosane (C20)	12.655	2403486	18.123 ug/ml
11) T n-Heneicosane (C21)	13.265	2382592	17.793 ug/ml
13) T n-Docosane (C22)	13.850	2317093	17.468 ug/ml
14) T n-Tetracosane (C24)	14.948	2273919	17.161 ug/ml
15) T n-Hexacosane (C26)	15.966	2175418	16.901 ug/ml
16) T n-Octacosane (C28)	16.911	2112887	16.756 ug/ml
17) T n-Tricontane (C30)	17.796	2062506	16.910 ug/ml
18) T n-Dotriacontane (C32)	18.624	2000572	17.256 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1990900	18.443 ug/ml
20) T n-Hexatriacontane (C36)	20.140	1945117	19.878 ug/ml
21) T n-Octatriacontane (C38)	20.881	1917626	21.361 ug/ml
22) T n-Tetracontane (C40)	21.808	1965956	22.317 ug/ml

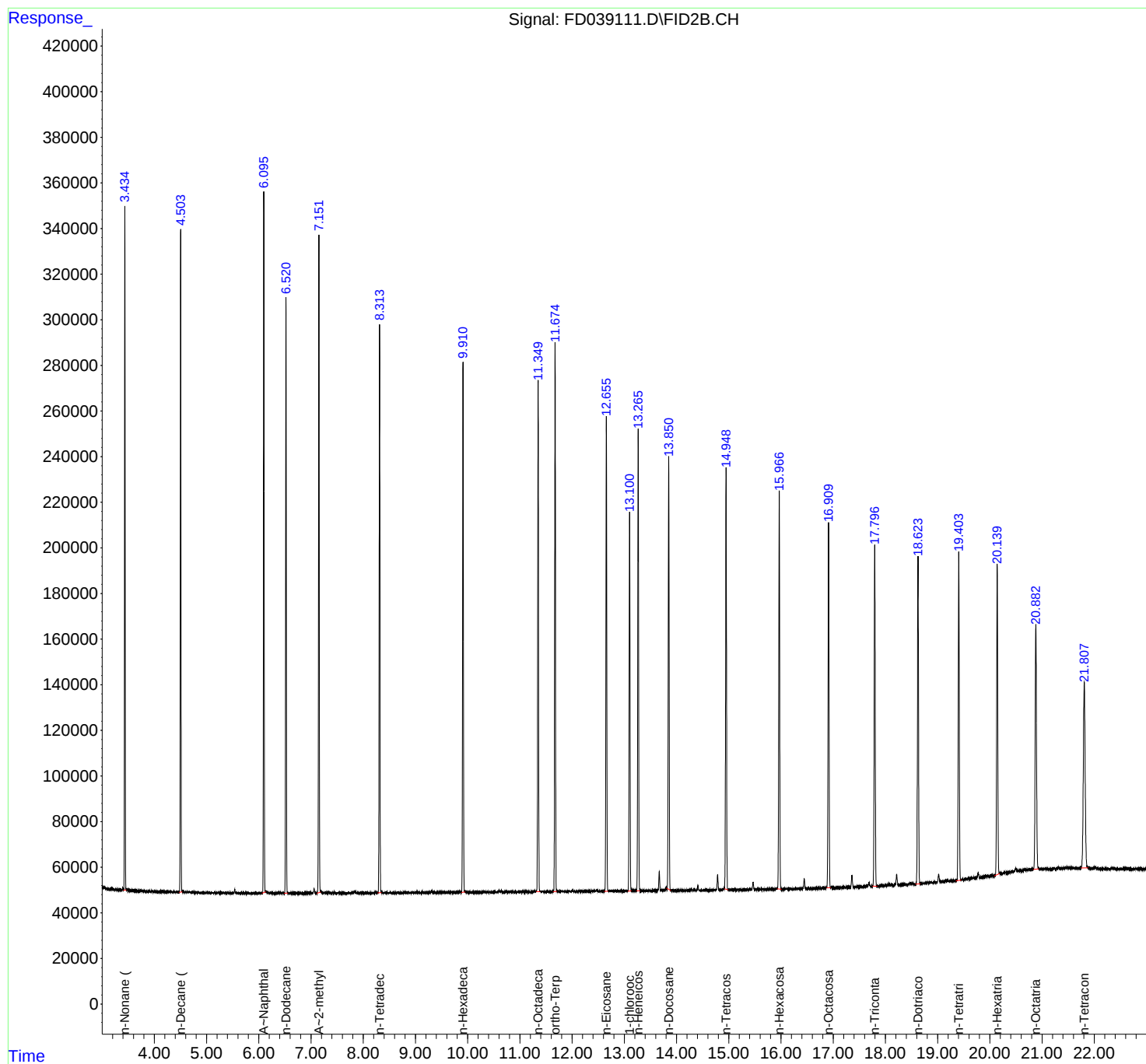
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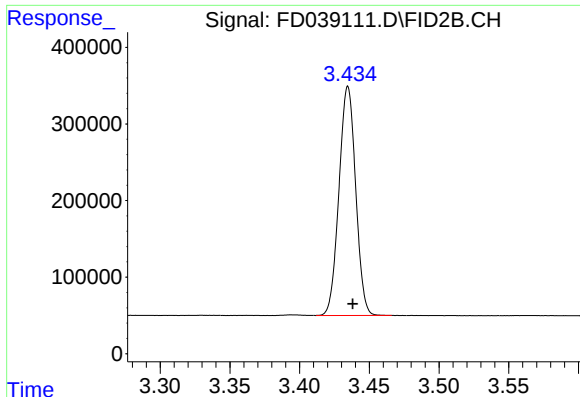
(m)=manual int.

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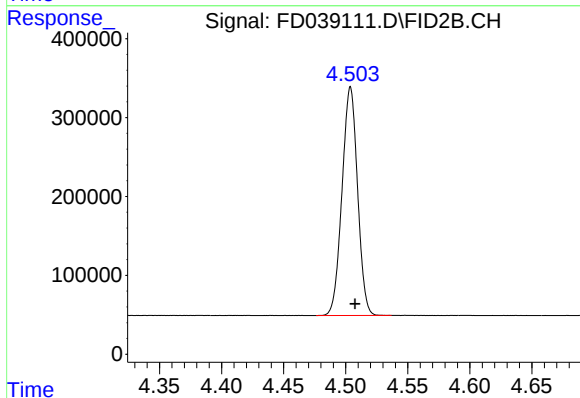
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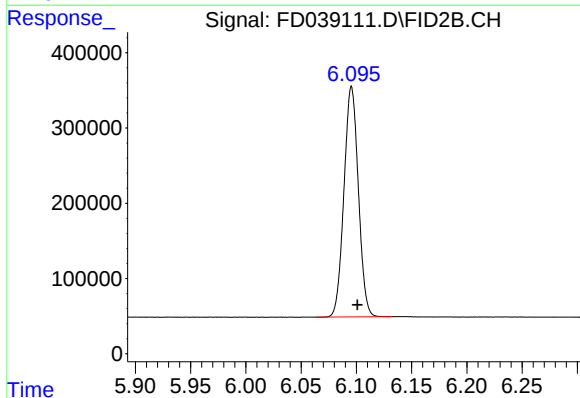
#1 n-Nonane (C9)

R.T.: 3.435 min
Delta R.T.: -0.003 min
Response: 2492128
Conc: 19.76 ug/ml



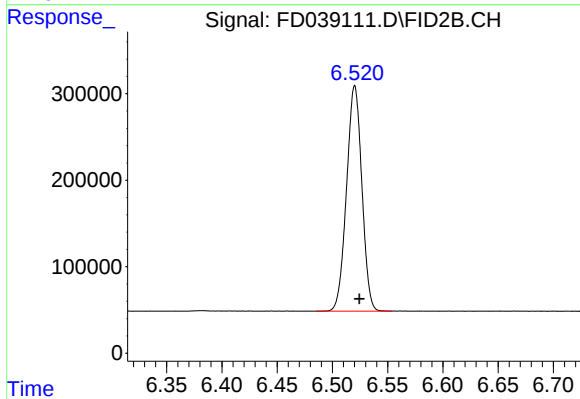
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.004 min
Response: 2525708
Conc: 19.79 ug/ml



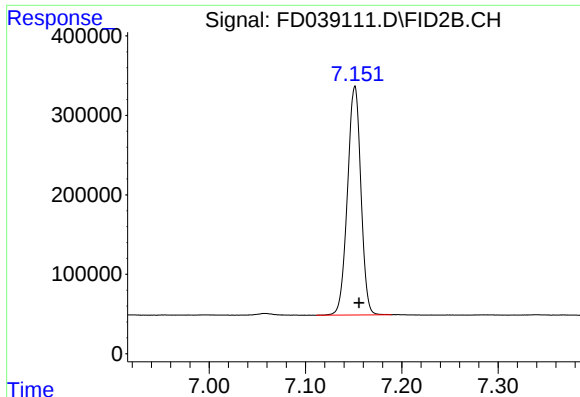
#3 A~Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.005 min
Response: 2777858
Conc: 19.51 ug/ml



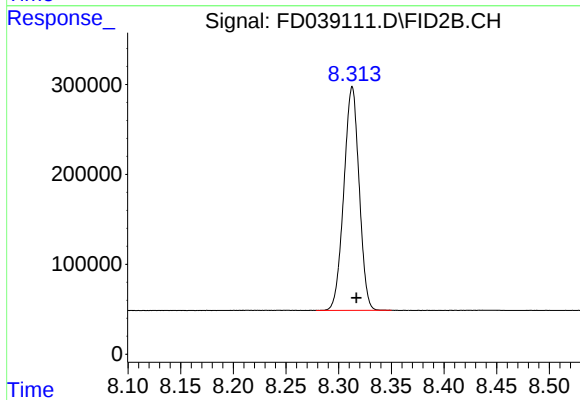
#4 n-Dodecane (C12)

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2517326
Conc: 19.66 ug/ml



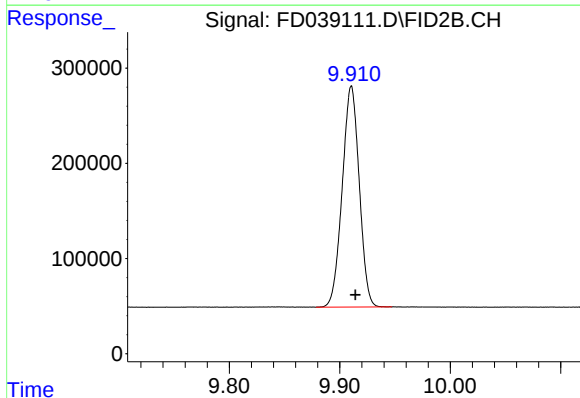
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 2772113
Conc: 19.36 ug/ml



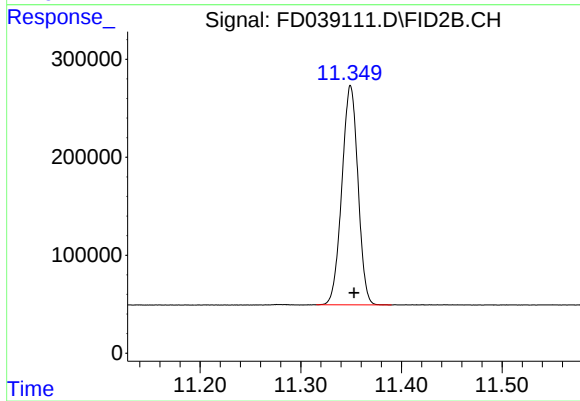
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.004 min
Response: 2515282
Conc: 19.38 ug/ml



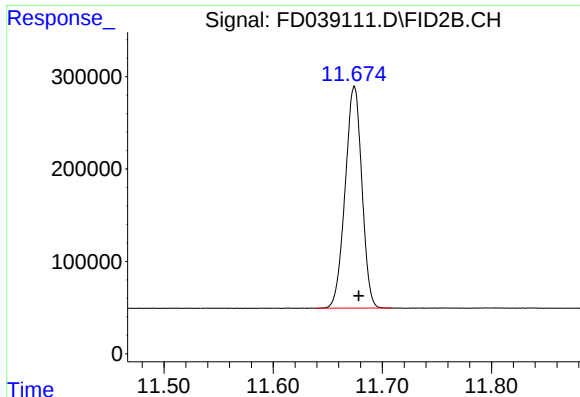
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.003 min
Response: 2485195
Conc: 19.05 ug/ml



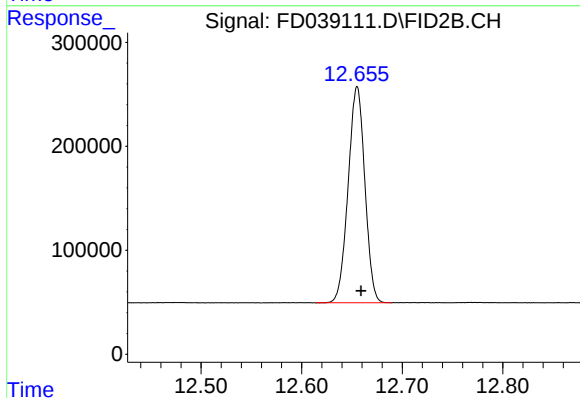
#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: -0.004 min
Response: 2489617
Conc: 18.61 ug/ml



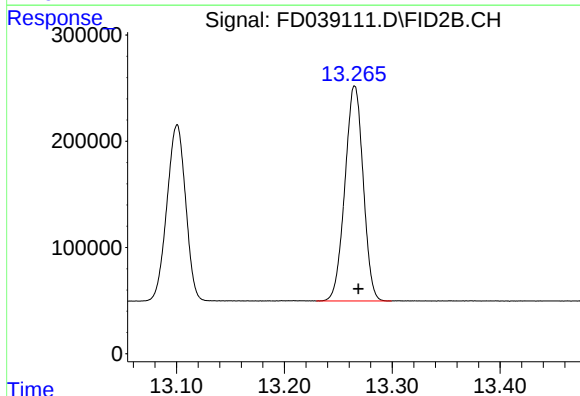
#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.004 min
Response: 2561165
Conc: 18.05 ug/ml



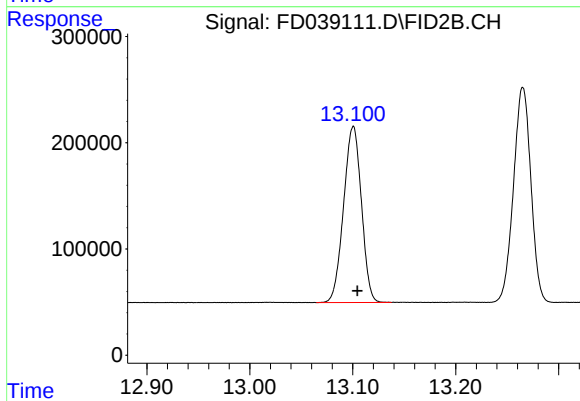
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.004 min
Response: 2403486
Conc: 18.12 ug/ml



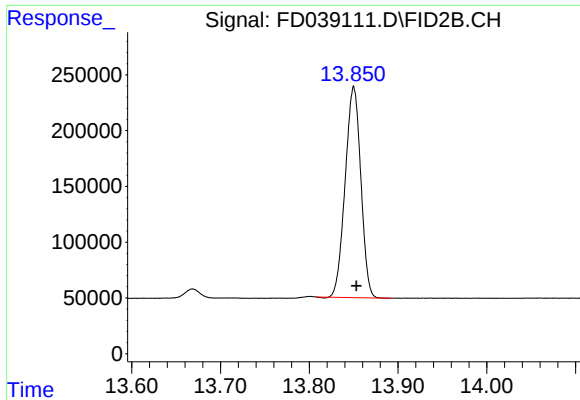
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.003 min
Response: 2382592
Conc: 17.79 ug/ml



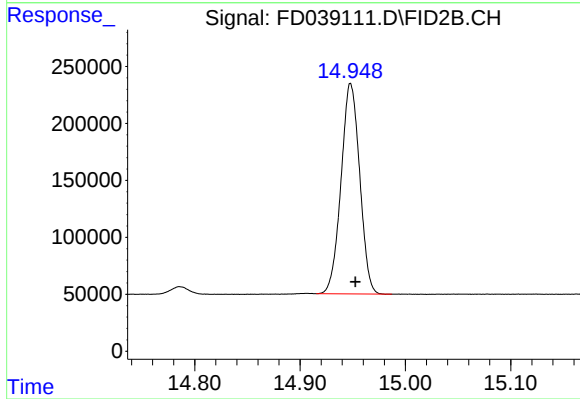
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.004 min
Response: 1995836
Conc: 17.75 ug/ml



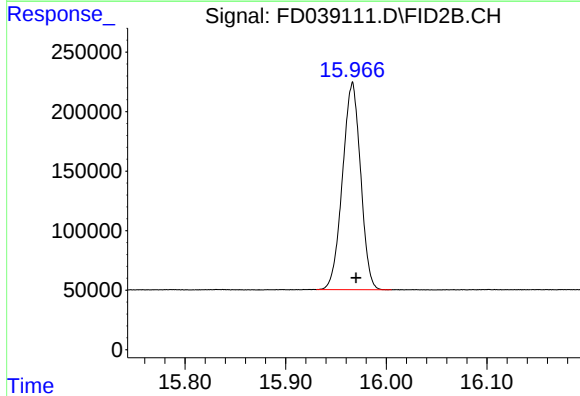
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.003 min
Response: 2317093
Conc: 17.47 ug/ml



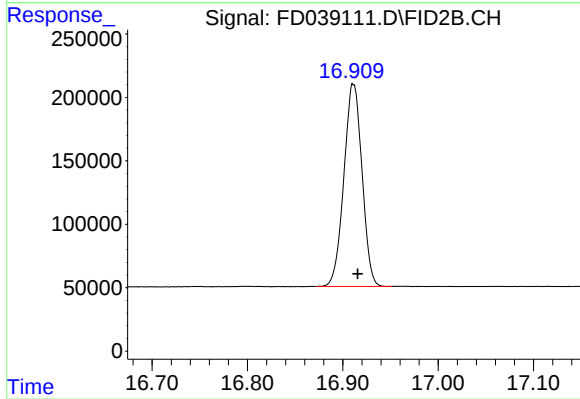
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.004 min
Response: 2273919
Conc: 17.16 ug/ml



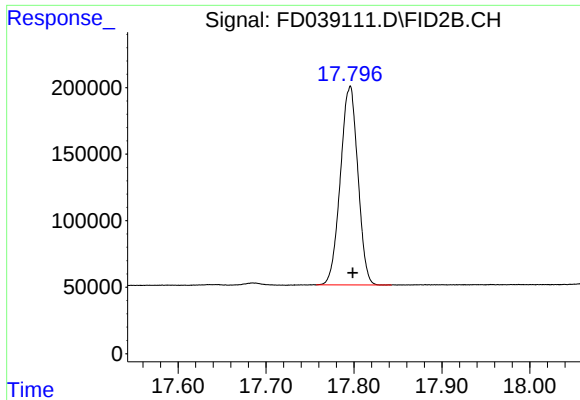
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.003 min
Response: 2175418
Conc: 16.90 ug/ml



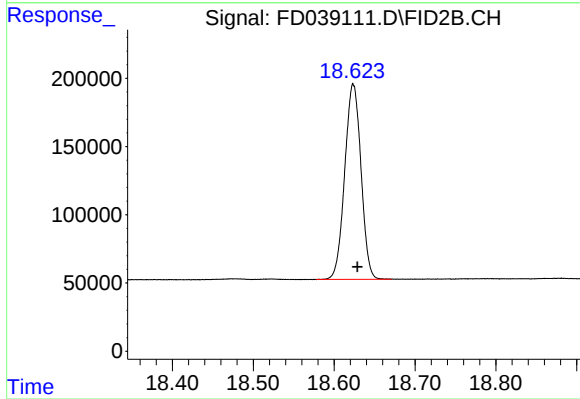
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.005 min
Response: 2112887
Conc: 16.76 ug/ml



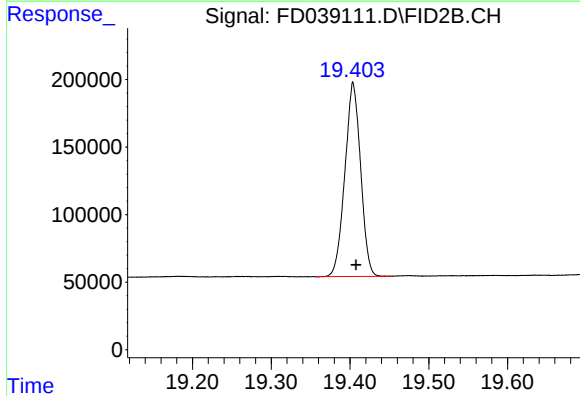
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.003 min
Response: 2062506
Conc: 16.91 ug/ml



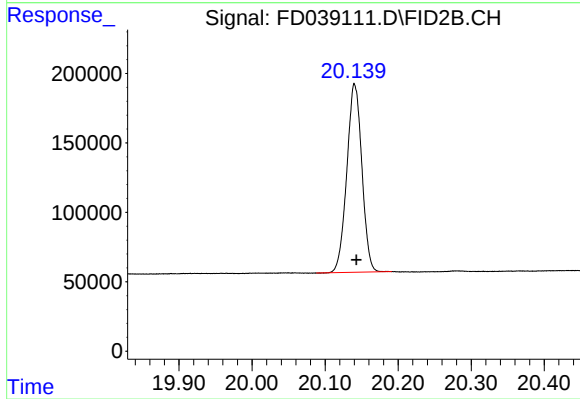
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.005 min
Response: 2000572
Conc: 17.26 ug/ml



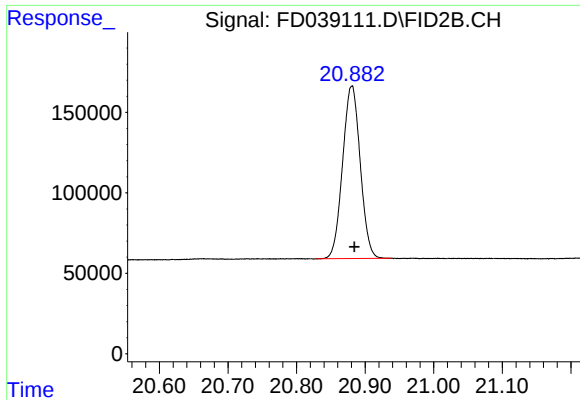
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.004 min
Response: 1990900
Conc: 18.44 ug/ml



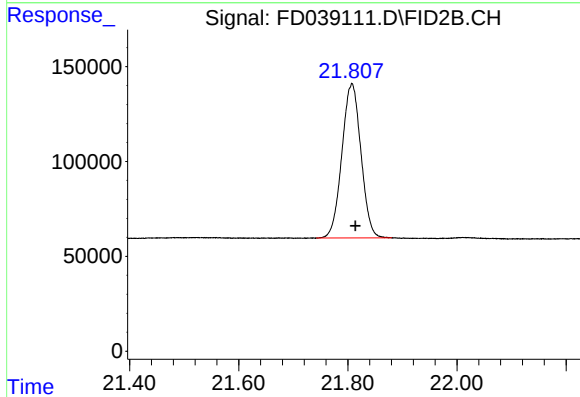
#20 n-Hexatriacontane (C36)

R.T.: 20.140 min
Delta R.T.: -0.003 min
Response: 1945117
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.881 min
Delta R.T.: -0.004 min
Response: 1917626
Conc: 21.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.808 min
Delta R.T.: -0.006 min
Response: 1965956
Conc: 22.32 ug/ml