

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102021AL\
 Data File : FD039148.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2021 10:20
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 20 23:31:11 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)	11.679	2470337	17.405 ug/ml
Spiked Amount 50.000		Recovery =	34.81%
12) S 1-chlorooctadecane (S...	13.106	1916491	17.043 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
Target Compounds			
1) T n-Nonane (C9)	3.437	2462881	19.525 ug/ml
2) T n-Decane (C10)	4.506	2487533	19.490 ug/ml
3) T A~Naphthalene (C11.7)	6.100	2718146	19.088 ug/ml
4) T n-Dodecane (C12)	6.523	2470658	19.292 ug/ml
5) T A~2-methylnaphthalene...	7.156	2700085	18.861 ug/ml
6) T n-Tetradecane (C14)	8.316	2455666	18.924 ug/ml
7) T n-Hexadecane (C16)	9.914	2412693	18.499 ug/ml
8) T n-Octadecane (C18)	11.354	2403883	17.974 ug/ml
10) T n-Eicosane (C20)	12.661	2314261	17.450 ug/ml
11) T n-Heneicosane (C21)	13.271	2298376	17.164 ug/ml
13) T n-Docosane (C22)	13.855	2276500	17.162 ug/ml
14) T n-Tetracosane (C24)	14.955	2216010	16.724 ug/ml
15) T n-Hexacosane (C26)	15.972	2153124	16.728 ug/ml
16) T n-Octacosane (C28)	16.918	2112749	16.755 ug/ml
17) T n-Tricontane (C30)	17.803	2102365	17.237 ug/ml
18) T n-Dotriacontane (C32)	18.631	2055828	17.732 ug/ml
19) T n-Tetratriacontane (C34)	19.412	2034984	18.852 ug/ml
20) T n-Hexatriacontane (C36)	20.150	2019695	20.640 ug/ml
21) T n-Octatriacontane (C38)	20.891	1986465	22.127 ug/ml
22) T n-Tetracontane (C40)	21.823	2206158	25.044 ug/ml

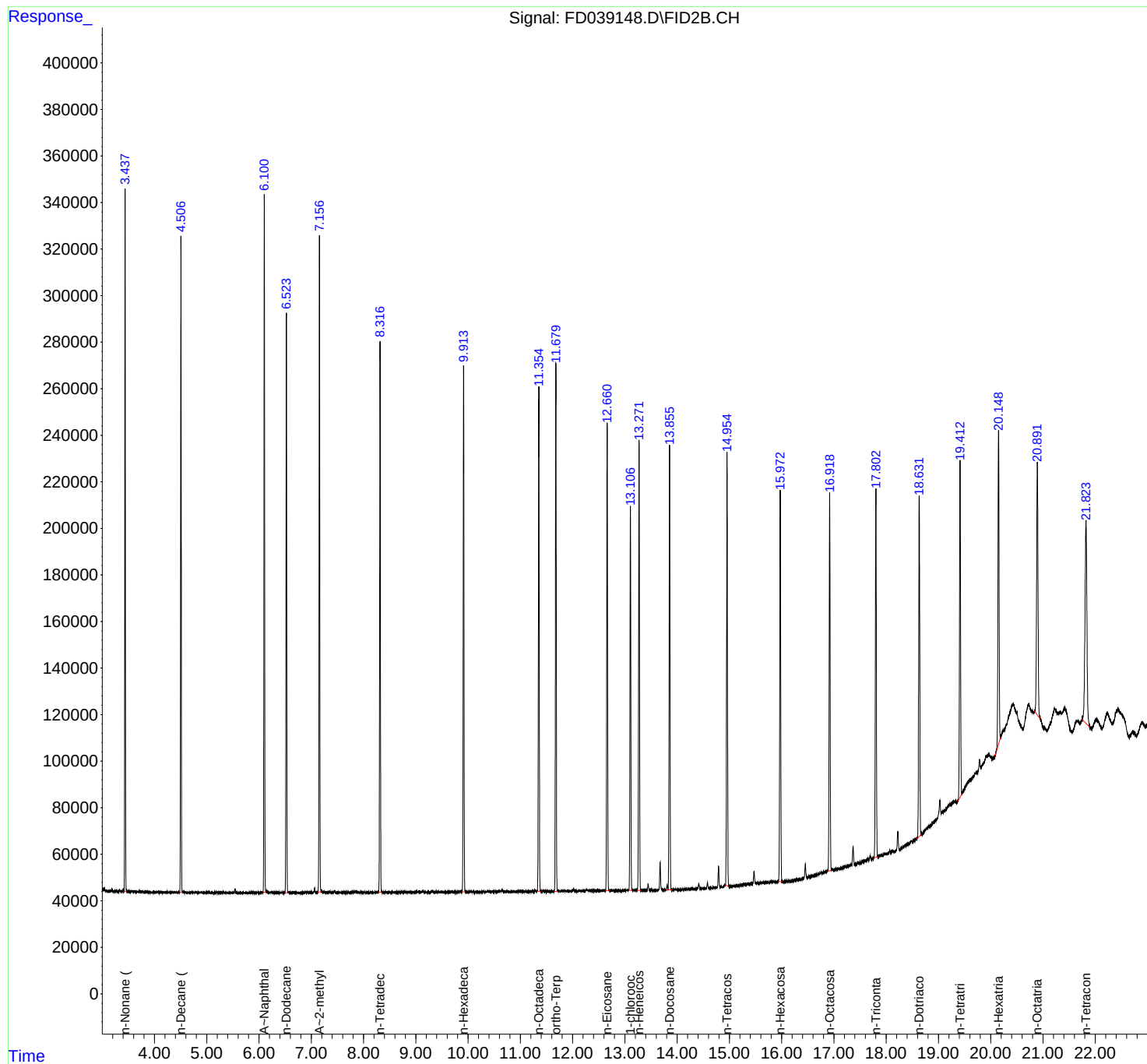
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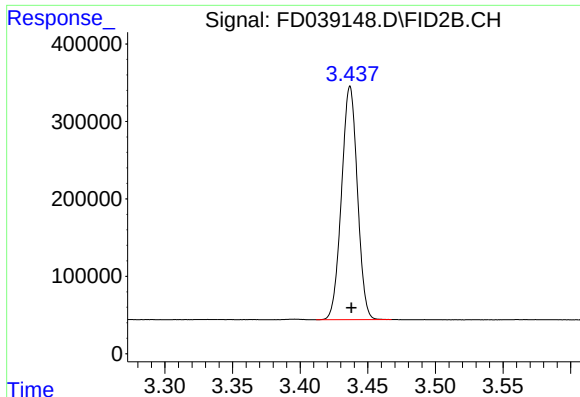
(m)=manual int.

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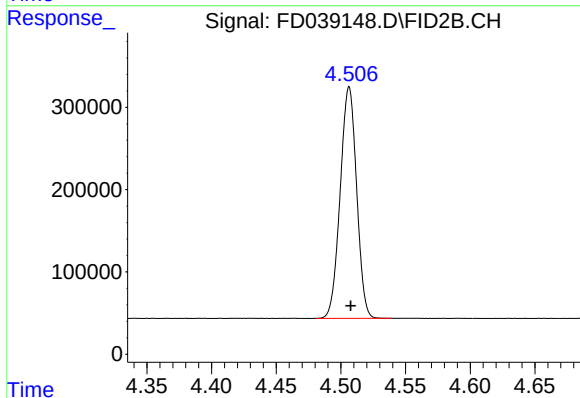
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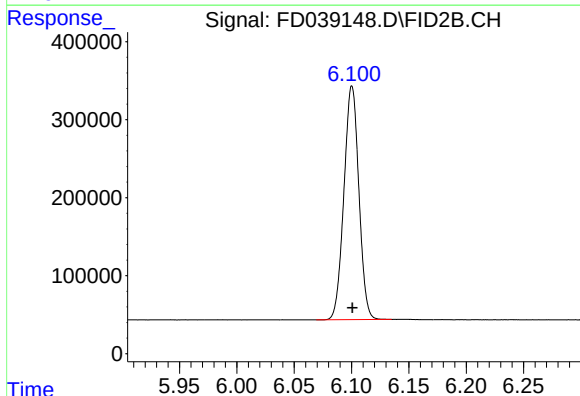
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: -0.001 min
Response: 2462881
Conc: 19.53 ug/ml



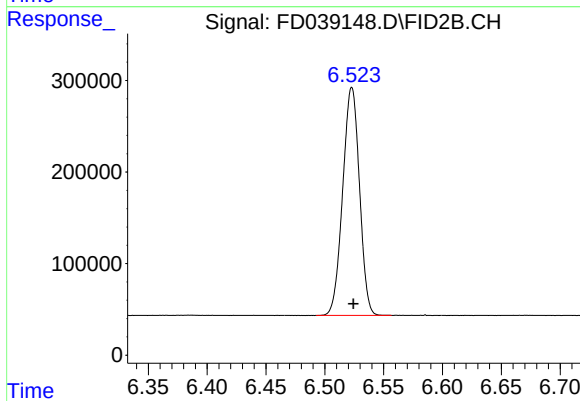
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 2487533
Conc: 19.49 ug/ml



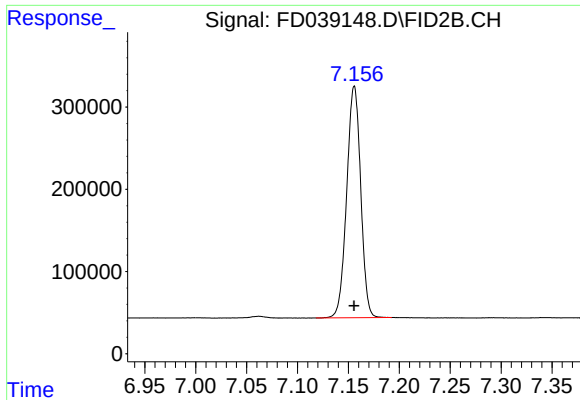
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 2718146
Conc: 19.09 ug/ml



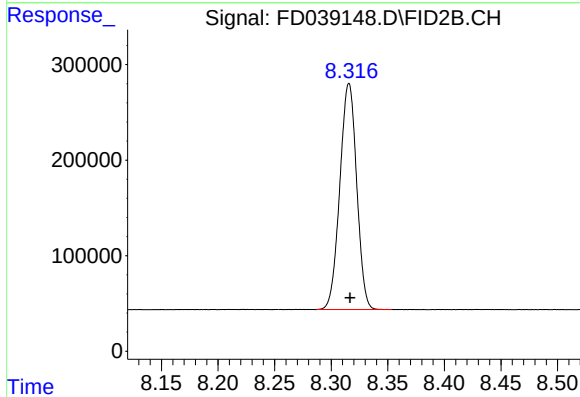
#4 n-Dodecane (C12)

R.T.: 6.523 min
Delta R.T.: -0.001 min
Response: 2470658
Conc: 19.29 ug/ml



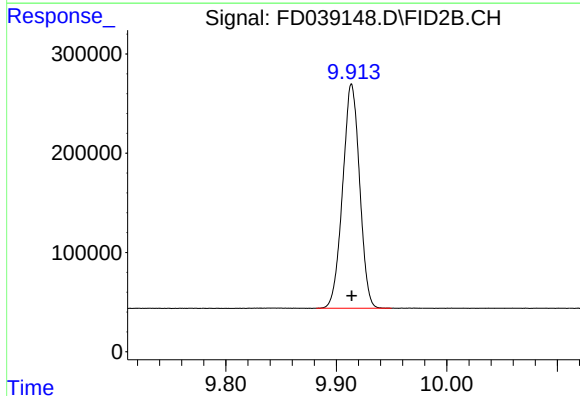
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 2700085
Conc: 18.86 ug/ml



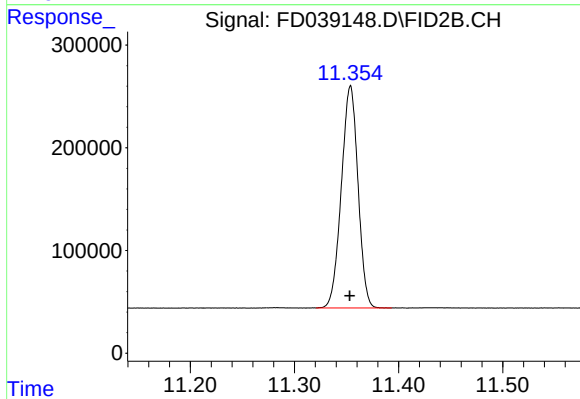
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2455666
Conc: 18.92 ug/ml



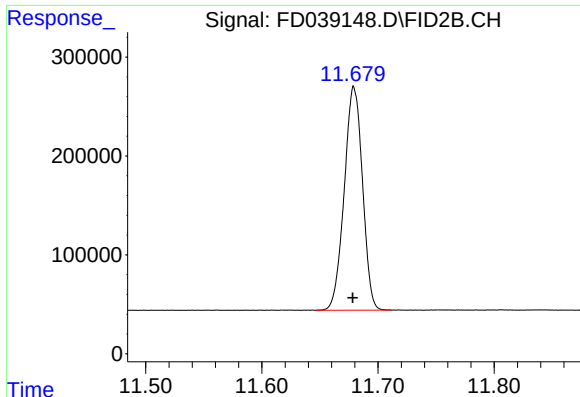
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2412693
Conc: 18.50 ug/ml



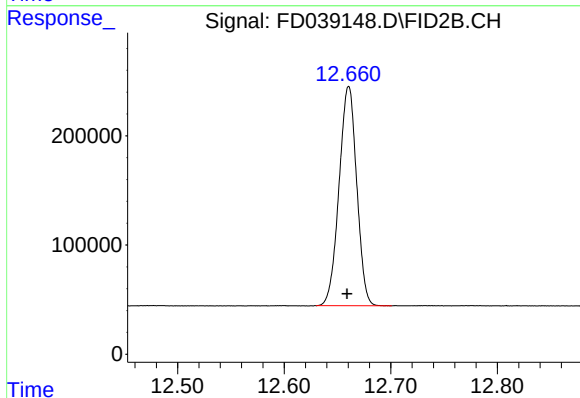
#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 2403883
Conc: 17.97 ug/ml



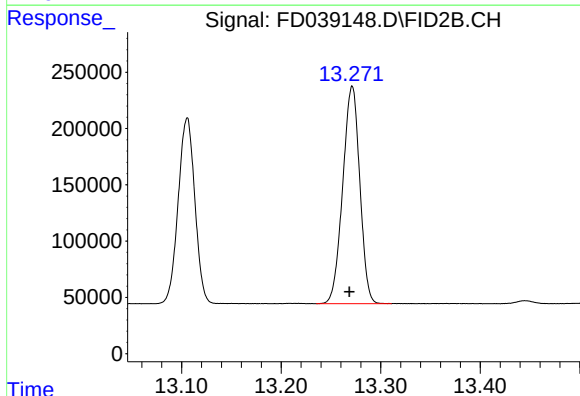
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2470337
Conc: 17.41 ug/ml



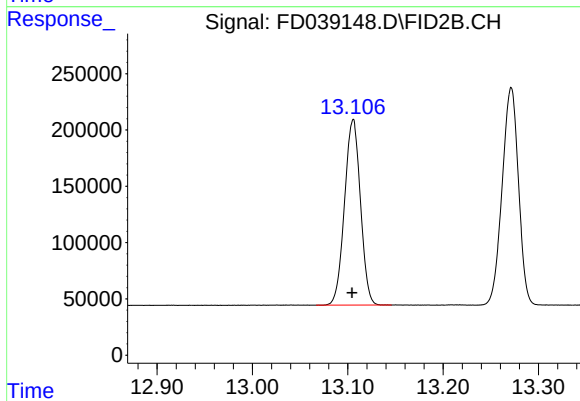
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 2314261
Conc: 17.45 ug/ml



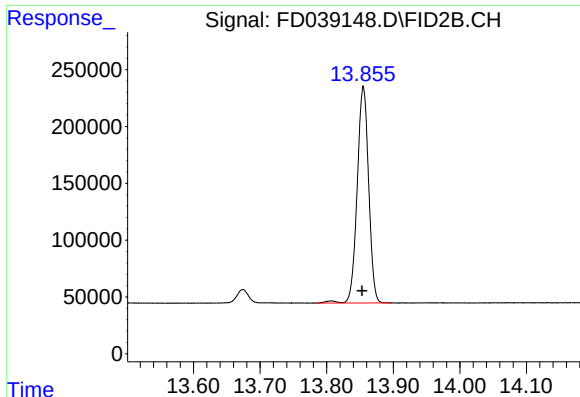
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.003 min
Response: 2298376
Conc: 17.16 ug/ml



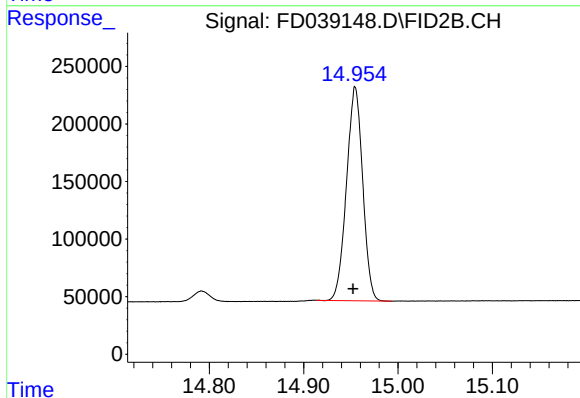
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 1916491
Conc: 17.04 ug/ml



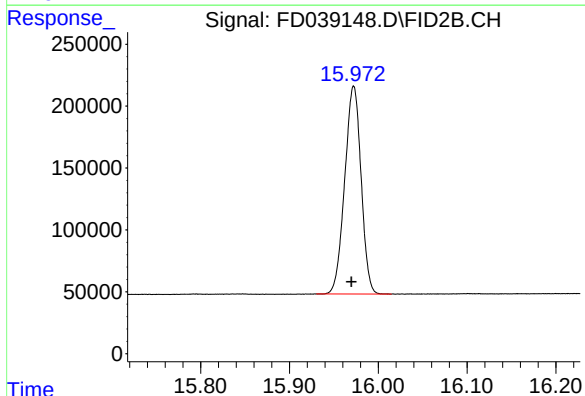
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: 0.002 min
Response: 2276500
Conc: 17.16 ug/ml



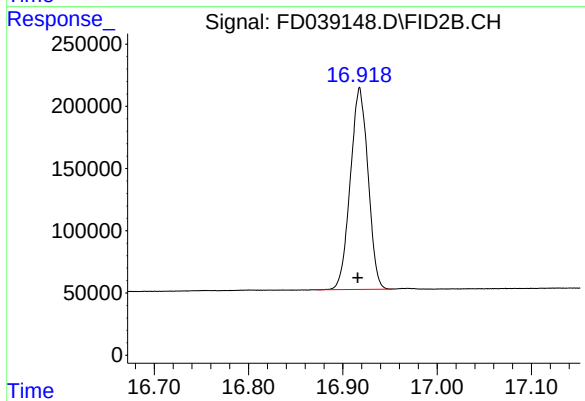
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.002 min
Response: 2216010
Conc: 16.72 ug/ml



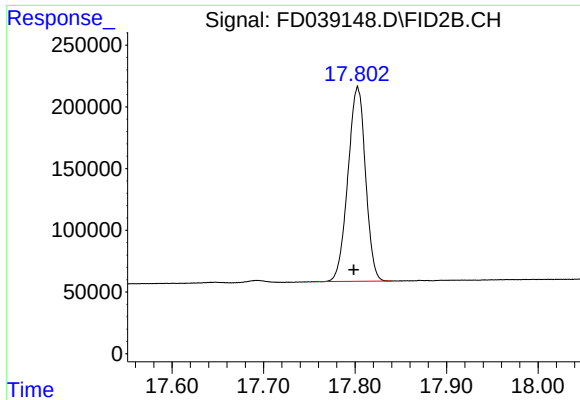
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.003 min
Response: 2153124
Conc: 16.73 ug/ml



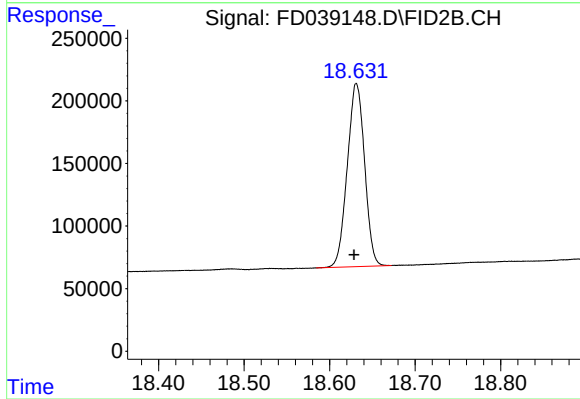
#16 n-Octacosane (C28)

R.T.: 16.918 min
Delta R.T.: 0.002 min
Response: 2112749
Conc: 16.76 ug/ml



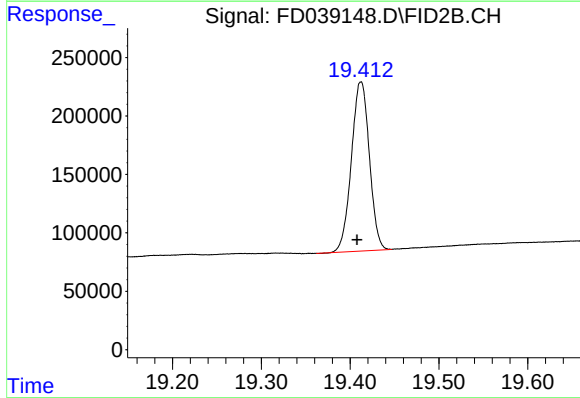
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: 0.004 min
Response: 2102365
Conc: 17.24 ug/ml



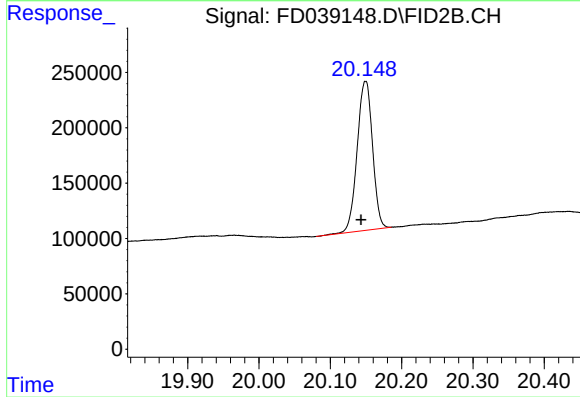
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.003 min
Response: 2055828
Conc: 17.73 ug/ml



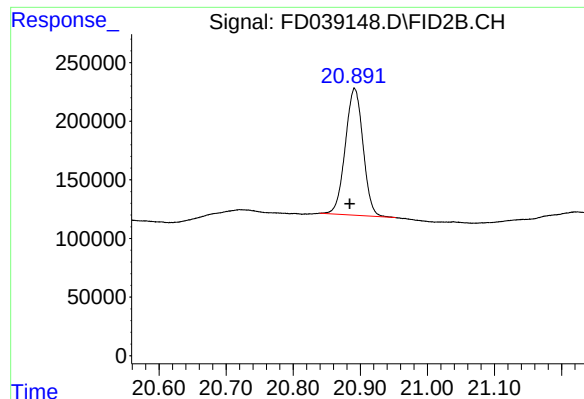
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: 0.004 min
Response: 2034984
Conc: 18.85 ug/ml



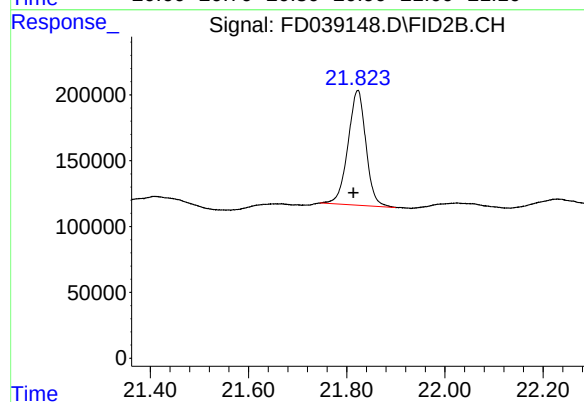
#20 n-Hexatriacontane (C36)

R.T.: 20.150 min
Delta R.T.: 0.007 min
Response: 2019695
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.007 min
Response: 1986465
Conc: 22.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.823 min
Delta R.T.: 0.009 min
Response: 2206158
Conc: 25.04 ug/ml