

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102821AL\
 Data File : FD039349.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2021 1:08
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 02:32:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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	2680016	21.005 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	13.100	2167287	20.854 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.433	2503633	21.533 ug/ml
2) T n-Decane (C10)	4.502	2526078	21.607 ug/ml
3) T A~Naphthalene (C11.7)	6.096	2796751	21.701 ug/ml
4) T n-Dodecane (C12)	6.518	2560547	21.640 ug/ml
5) T A~2-methylnaphthalene...	7.151	2853566	21.728 ug/ml
6) T n-Tetradecane (C14)	8.311	2558376	21.705 ug/ml
7) T n-Hexadecane (C16)	9.909	2595945	21.663 ug/ml
8) T n-Octadecane (C18)	11.349	2628321	21.475 ug/ml
10) T n-Eicosane (C20)	12.655	2618668	21.233 ug/ml
11) T n-Heneicosane (C21)	13.266	2620616	20.927 ug/ml
13) T n-Docosane (C22)	13.851	2608892	21.005 ug/ml
14) T n-Tetracosane (C24)	14.950	2610039	21.026 ug/ml
15) T n-Hexacosane (C26)	15.969	2525130	20.555 ug/ml
16) T n-Octacosane (C28)	16.915	2347168	20.161 ug/ml
17) T n-Tricontane (C30)	17.799	2370574	20.125 ug/ml
18) T n-Dotriacontane (C32)	18.628	2285649	19.991 ug/ml
19) T n-Tetratriacontane (C34)	19.409	2141412	20.203 ug/mlm
20) T n-Hexatriacontane (C36)	20.145	2092371	20.540 ug/mlm
21) T n-Octatriacontane (C38)	20.888	2024956	21.101 ug/mlm
22) T n-Tetracontane (C40)	21.816	2088436	22.638 ug/ml

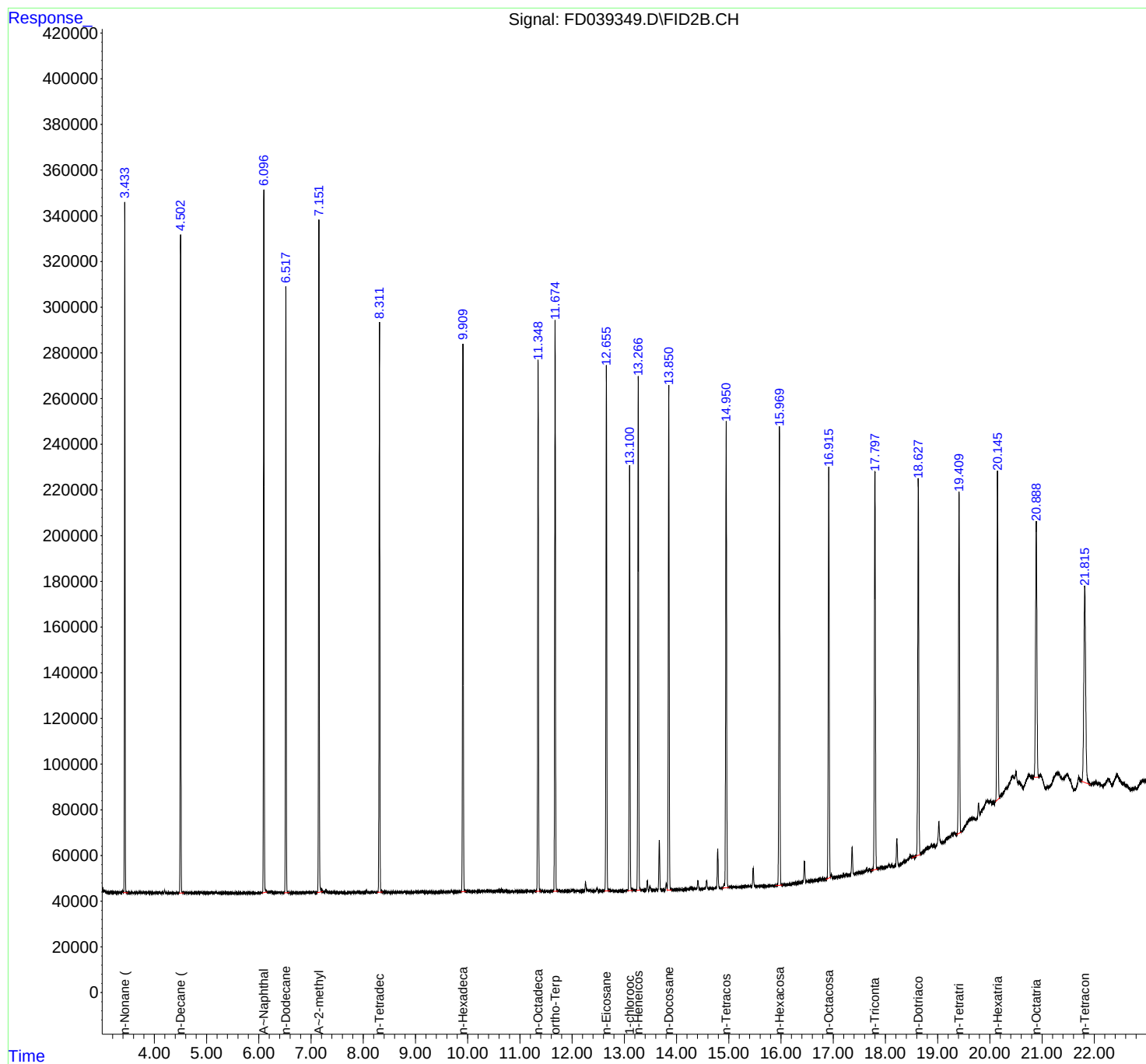
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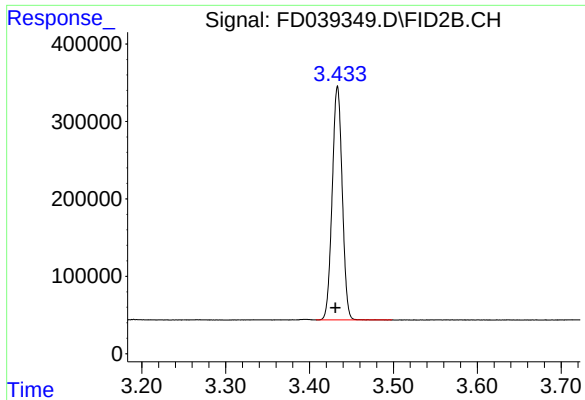
(m)=manual int.

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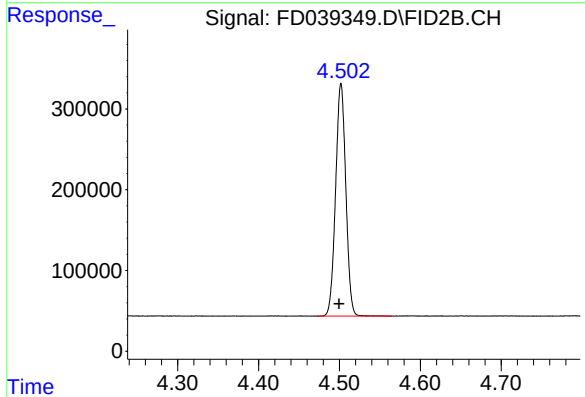
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Signal Info : 20M x 0.18mm x 0.18um





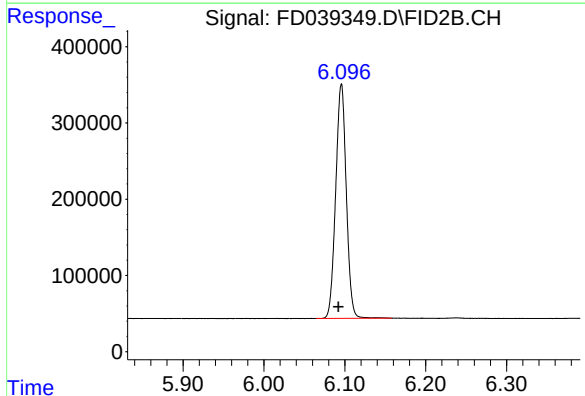
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.002 min
Response: 2503633
Conc: 21.53 ug/ml



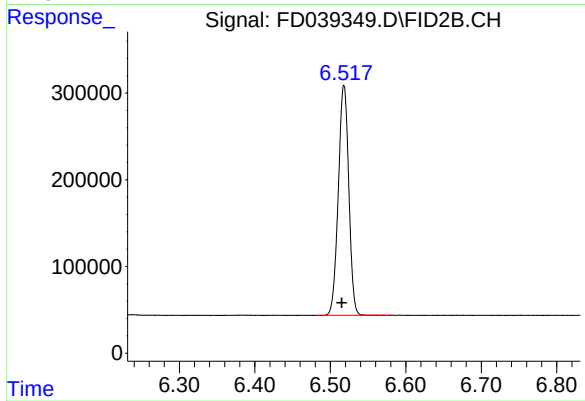
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.002 min
Response: 2526078
Conc: 21.61 ug/ml



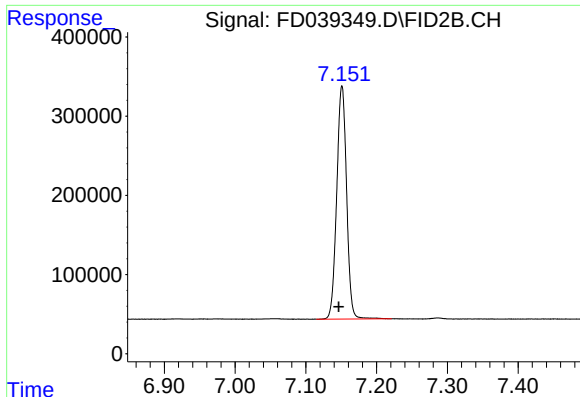
#3 A~Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: 0.003 min
Response: 2796751
Conc: 21.70 ug/ml



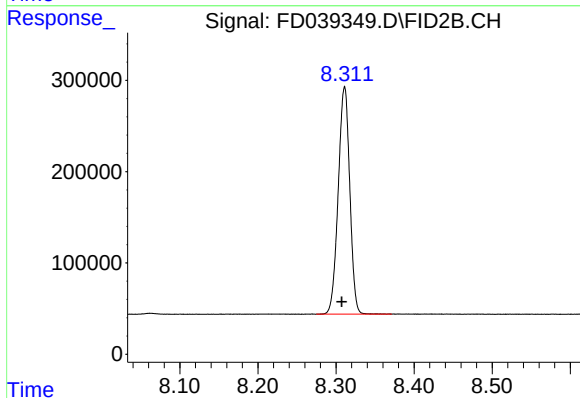
#4 n-Dodecane (C12)

R.T.: 6.518 min
Delta R.T.: 0.003 min
Response: 2560547
Conc: 21.64 ug/ml



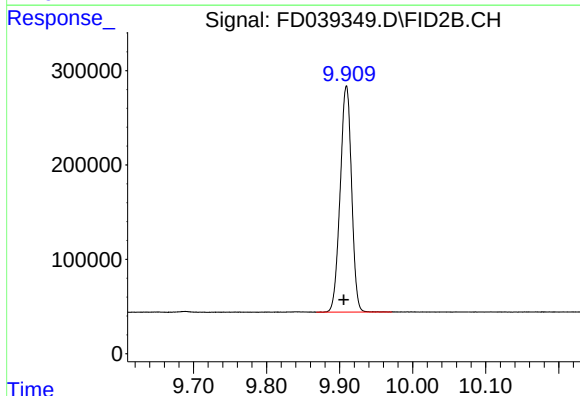
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.004 min
Response: 2853566
Conc: 21.73 ug/ml



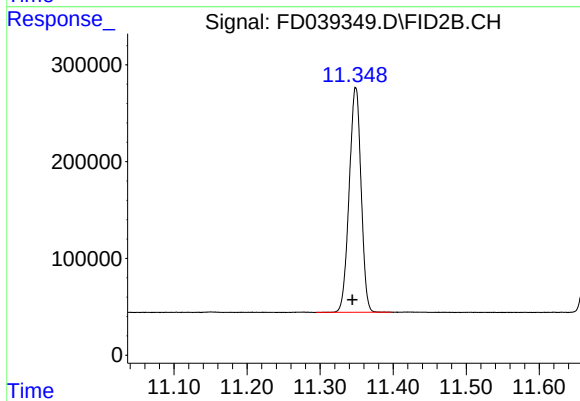
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.004 min
Response: 2558376
Conc: 21.71 ug/ml



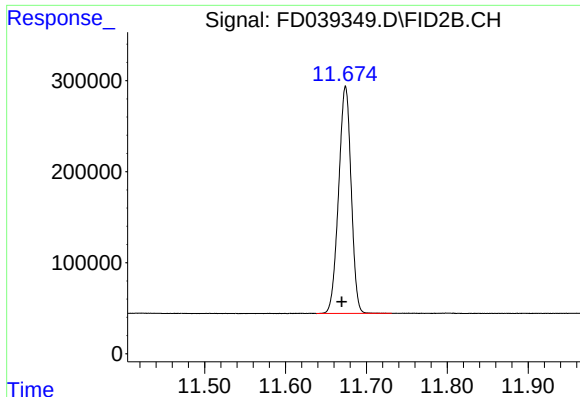
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: 0.004 min
Response: 2595945
Conc: 21.66 ug/ml



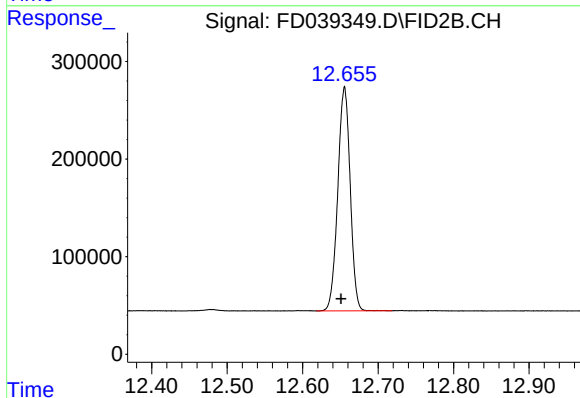
#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 2628321
Conc: 21.48 ug/ml



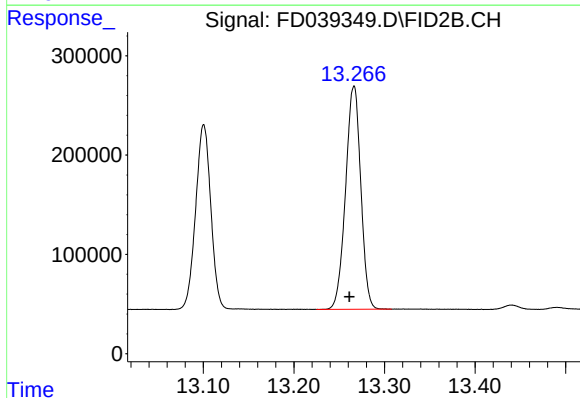
#9 ortho-Terphenyl (SURRE)

R.T.: 11.674 min
Delta R.T.: 0.005 min
Response: 2680016
Conc: 21.01 ug/ml



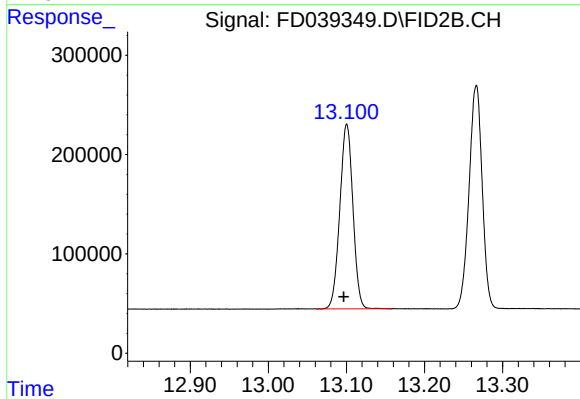
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.004 min
Response: 2618668
Conc: 21.23 ug/ml



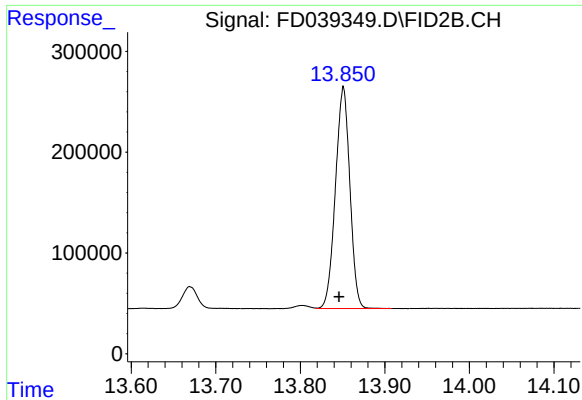
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.005 min
Response: 2620616
Conc: 20.93 ug/ml



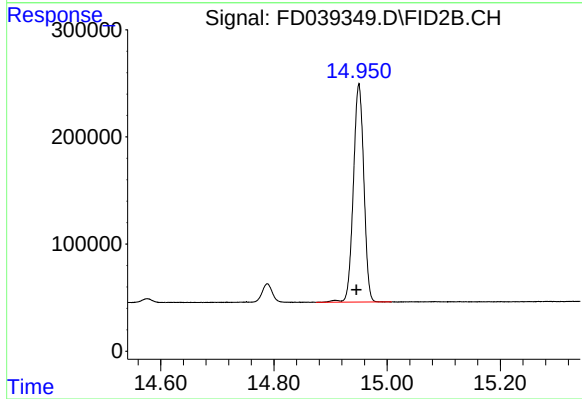
#12 1-chlorooctadecane (SURRE)

R.T.: 13.100 min
Delta R.T.: 0.004 min
Response: 2167287
Conc: 20.85 ug/ml



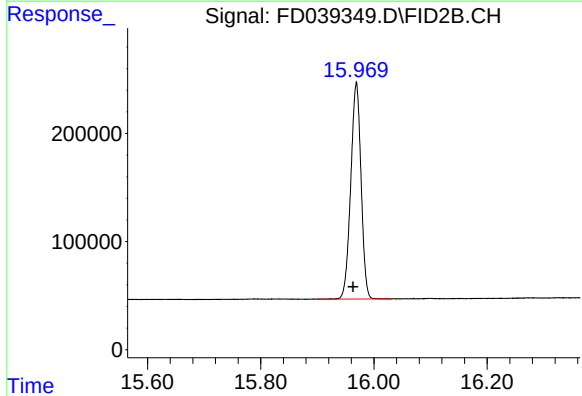
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: 0.005 min
Response: 2608892
Conc: 21.00 ug/ml



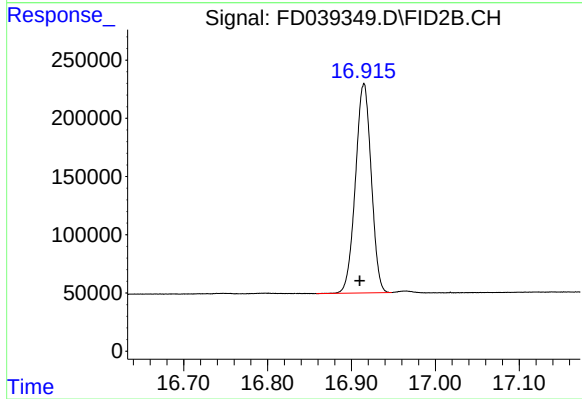
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: 0.004 min
Response: 2610039
Conc: 21.03 ug/ml



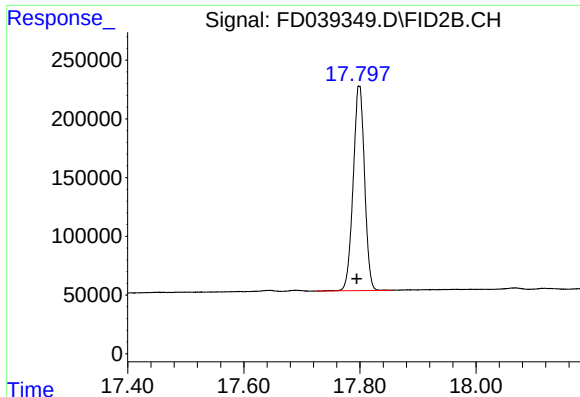
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.006 min
Response: 2525130
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.005 min
Response: 2347168
Conc: 20.16 ug/ml



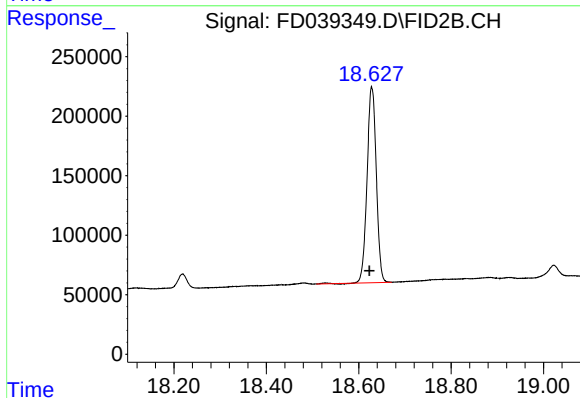
#17 n-Tricontane (C30)

R.T.: 17.799 min

Delta R.T.: 0.005 min

Response: 2370574

Conc: 20.12 ug/ml



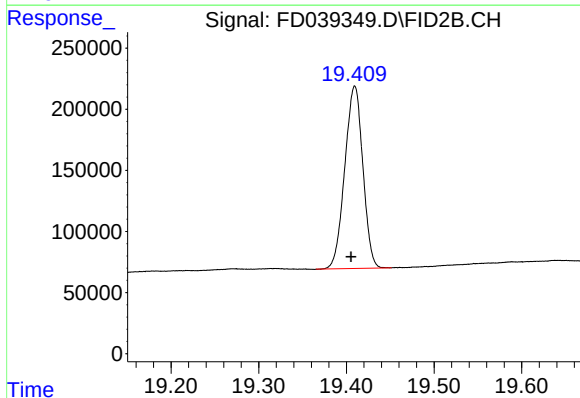
#18 n-Dotriacontane (C32)

R.T.: 18.628 min

Delta R.T.: 0.005 min

Response: 2285649

Conc: 19.99 ug/ml



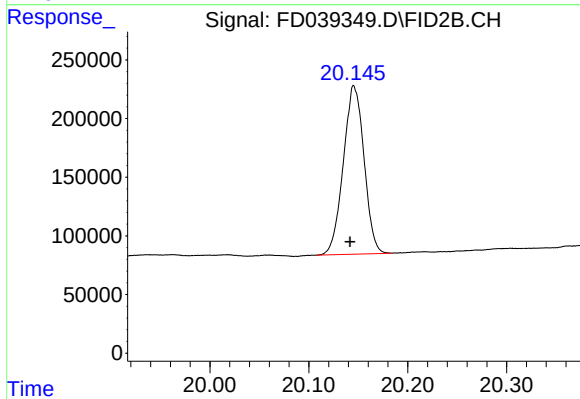
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min

Delta R.T.: 0.004 min

Response: 2141412

Conc: 20.20 ug/ml m



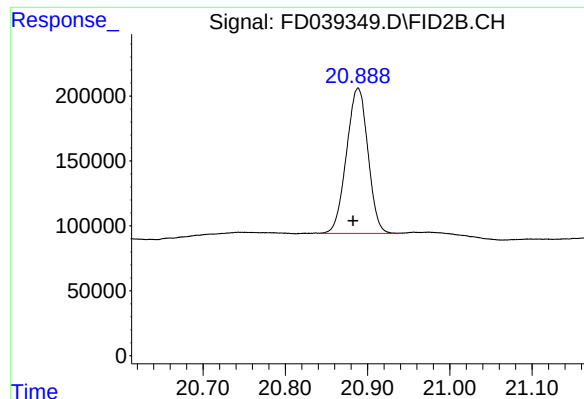
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min

Delta R.T.: 0.003 min

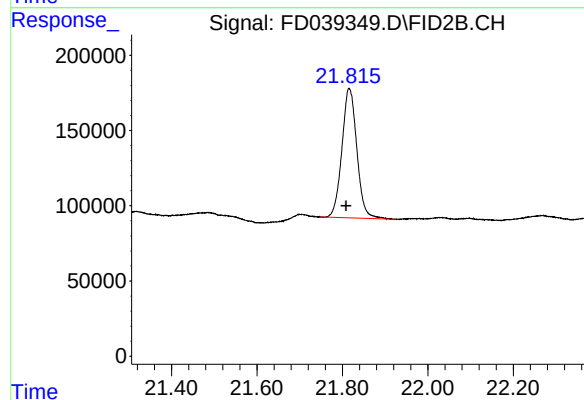
Response: 2092371

Conc: 20.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.006 min
Response: 2024956
Conc: 21.10 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.008 min
Response: 2088436
Conc: 22.64 ug/ml