

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092821AL\
 Data File : FD038938.D
 Signal(s) : FID2B.CH
 Acq On : 28 Sep 2021 12:31
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 28 14:35:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.681	2696285	18.344 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.108	2114425	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T n-Nonane (C9)	3.440	2549578	20.018 ug/ml
2) T n-Decane (C10)	4.510	2590037	19.996 ug/ml
3) T A~Naphthalene (C11.7)	6.103	2904087	19.942 ug/ml
4) T n-Dodecane (C12)	6.526	2607572	19.851 ug/ml
5) T A~2-methylnaphthalene...	7.159	2915474	19.711 ug/ml
6) T n-Tetradecane (C14)	8.319	2634538	19.547 ug/ml
7) T n-Hexadecane (C16)	9.917	2616632	19.138 ug/ml
8) T n-Octadecane (C18)	11.357	2630310	18.821 ug/ml
10) T n-Eicosane (C20)	12.663	2540492	18.425 ug/ml
11) T n-Heneicosane (C21)	13.273	2521490	18.142 ug/ml
13) T n-Docosane (C22)	13.859	2450251	17.985 ug/ml
14) T n-Tetracosane (C24)	14.957	2390068	17.889 ug/ml
15) T n-Hexacosane (C26)	15.975	2272062	17.917 ug/ml
16) T n-Octacosane (C28)	16.921	2186895	18.085 ug/ml
17) T n-Tricontane (C30)	17.806	2136841	18.628 ug/ml
18) T n-Dotriacontane (C32)	18.635	2071639	19.155 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2020371	19.406 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1943678	19.823 ug/ml
21) T n-Octatriacontane (C38)	20.895	1907485	20.230 ug/ml
22) T n-Tetracontane (C40)	21.825	1988712	21.004 ug/ml

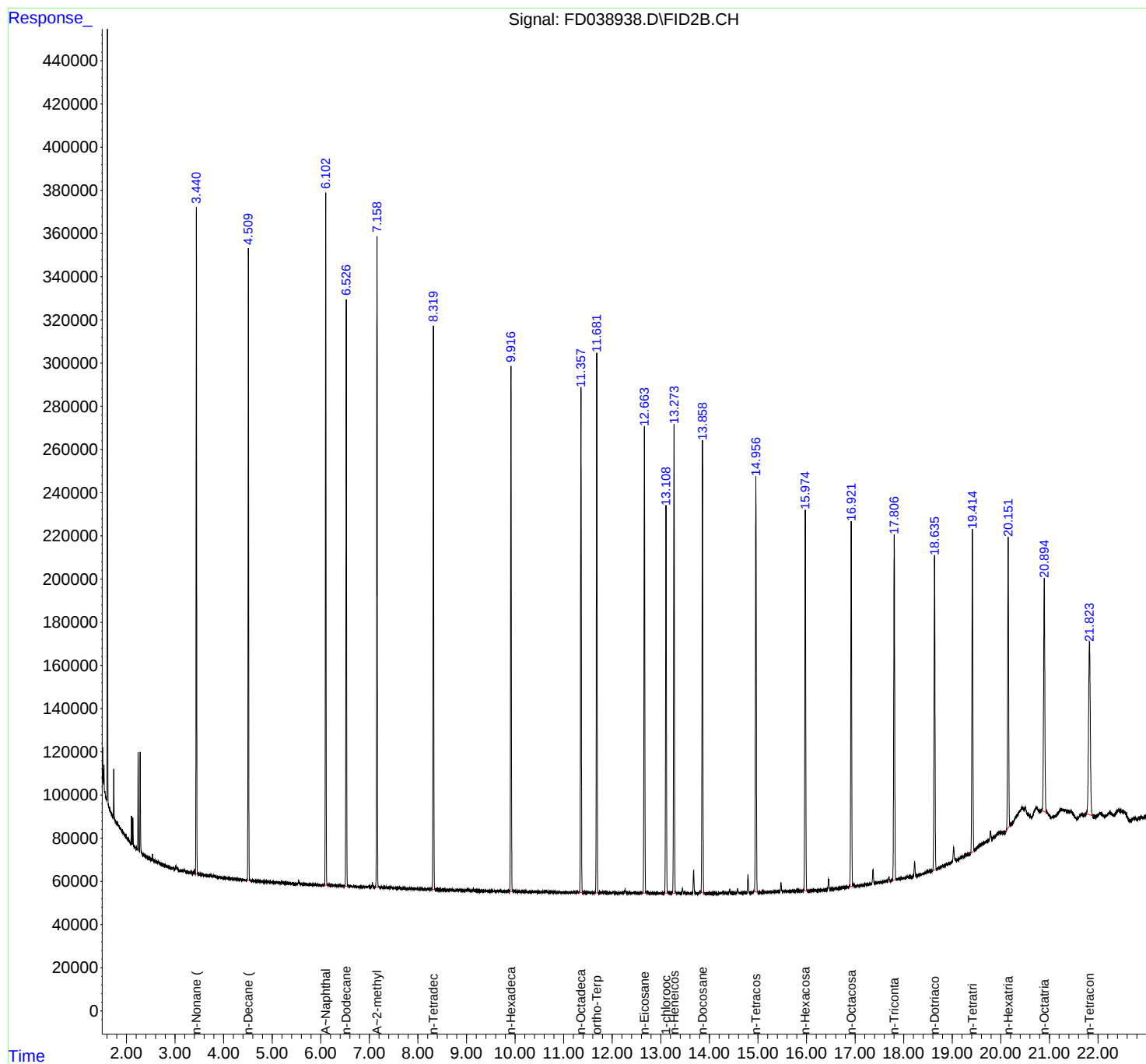
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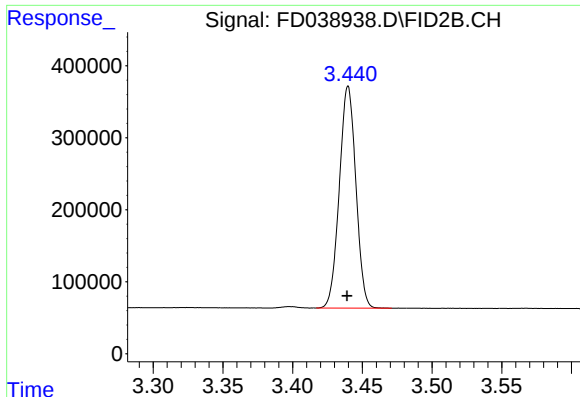
(m)=manual int.

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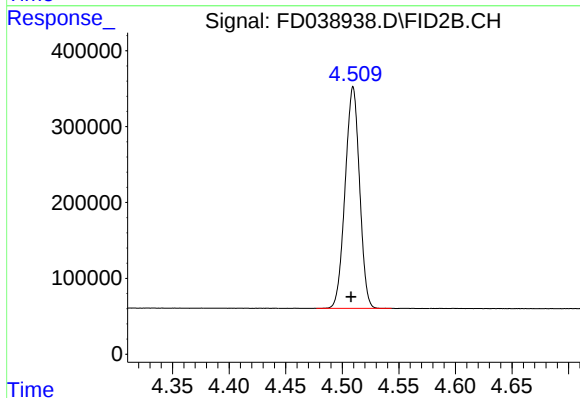
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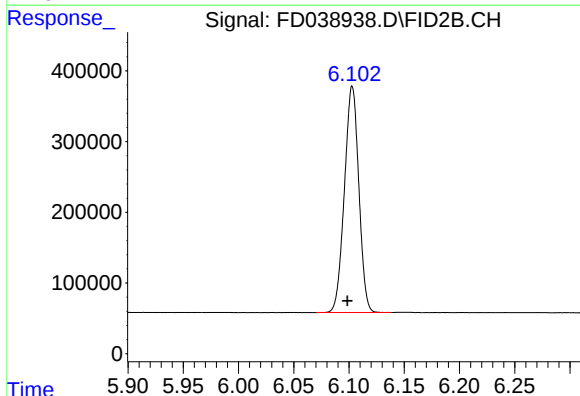
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 2549578
Conc: 20.02 ug/ml



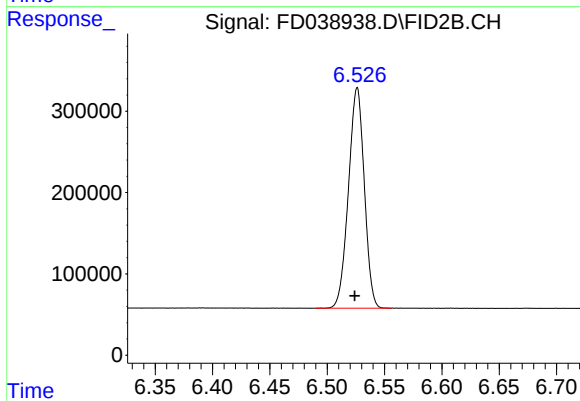
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 2590037
Conc: 20.00 ug/ml



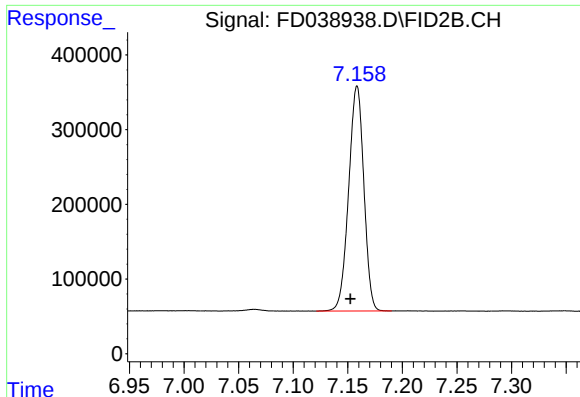
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.004 min
Response: 2904087
Conc: 19.94 ug/ml



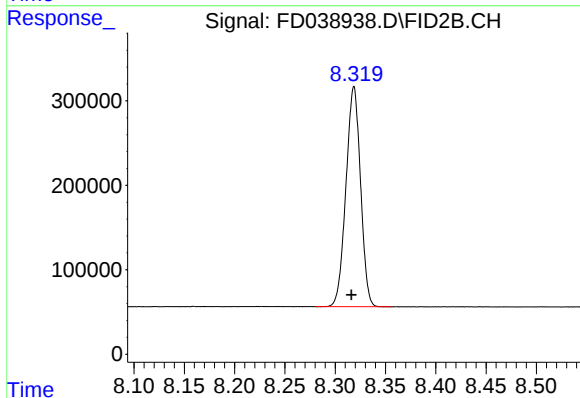
#4 n-Dodecane (C12)

R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 2607572
Conc: 19.85 ug/ml



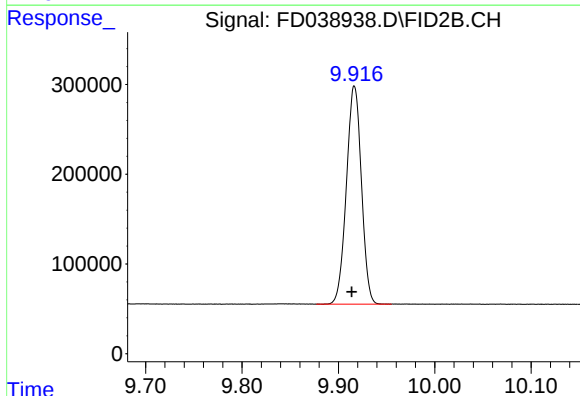
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 2915474
Conc: 19.71 ug/ml



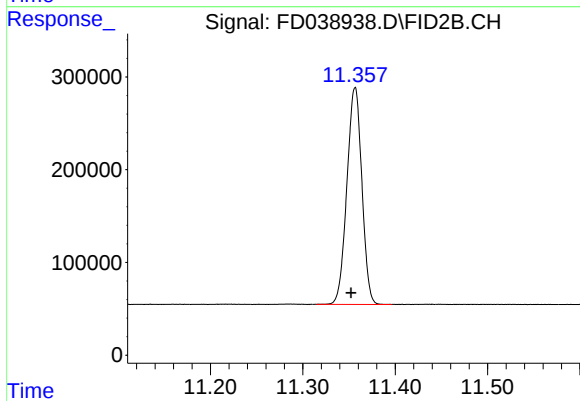
#6 n-Tetradecane (C14)

R.T.: 8.319 min
Delta R.T.: 0.003 min
Response: 2634538
Conc: 19.55 ug/ml



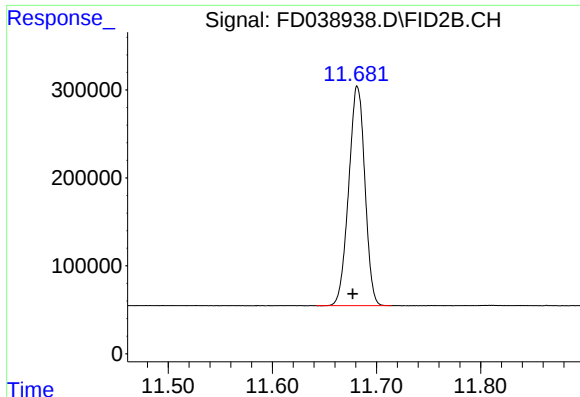
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.003 min
Response: 2616632
Conc: 19.14 ug/ml



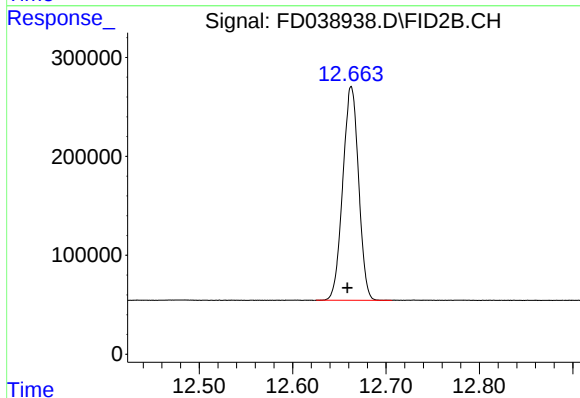
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.005 min
Response: 2630310
Conc: 18.82 ug/ml



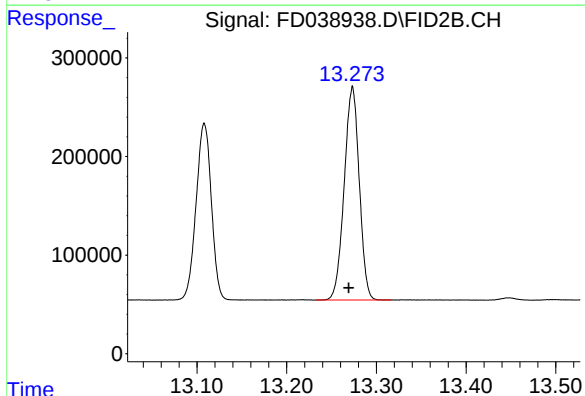
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.004 min
Response: 2696285
Conc: 18.34 ug/ml



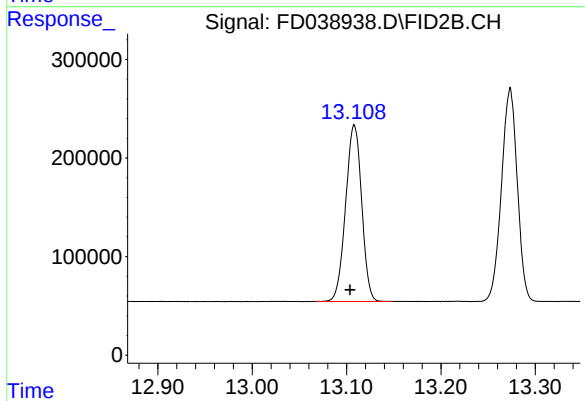
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.004 min
Response: 2540492
Conc: 18.43 ug/ml



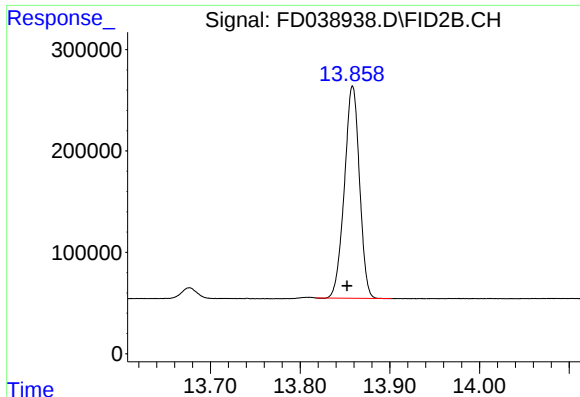
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.004 min
Response: 2521490
Conc: 18.14 ug/ml



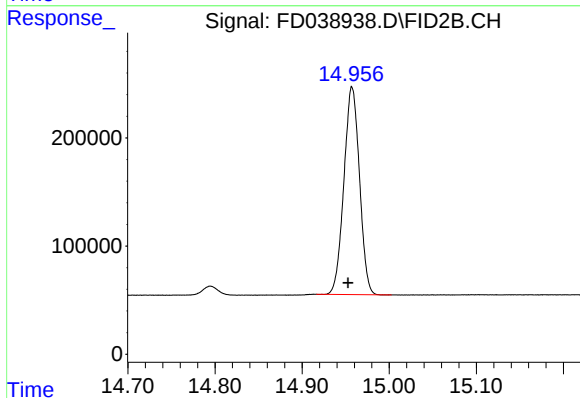
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: 0.004 min
Response: 2114425
Conc: 18.18 ug/ml



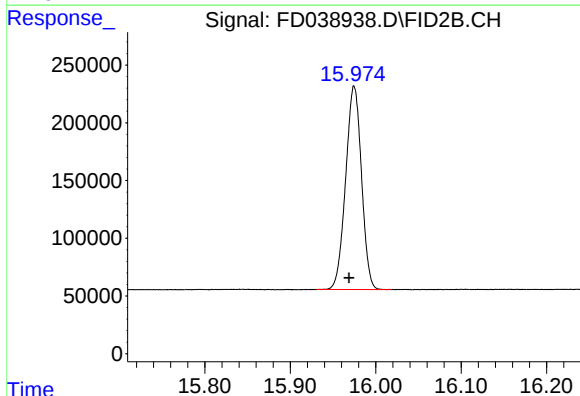
#13 n-Docosane (C22)

R.T.: 13.859 min
Delta R.T.: 0.006 min
Response: 2450251
Conc: 17.99 ug/ml



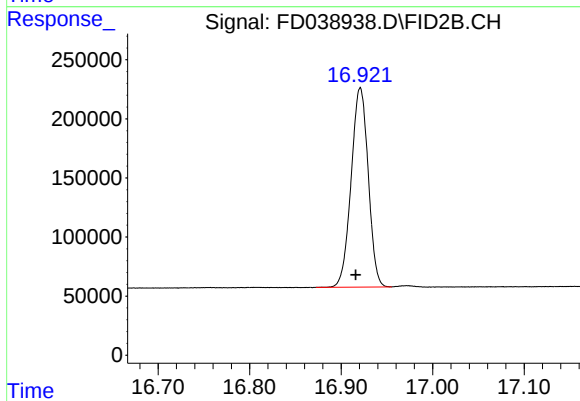
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.005 min
Response: 2390068
Conc: 17.89 ug/ml



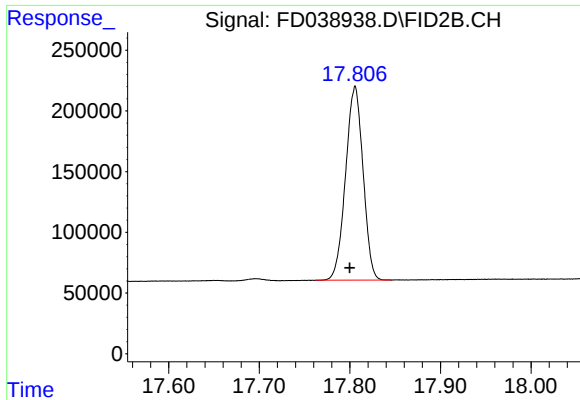
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.006 min
Response: 2272062
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.921 min
Delta R.T.: 0.005 min
Response: 2186895
Conc: 18.09 ug/ml



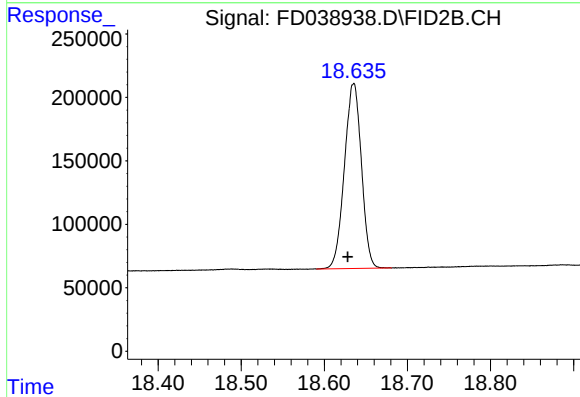
#17 n-Tricontane (C30)

R.T.: 17.806 min

Delta R.T.: 0.006 min

Response: 2136841

Conc: 18.63 ug/ml



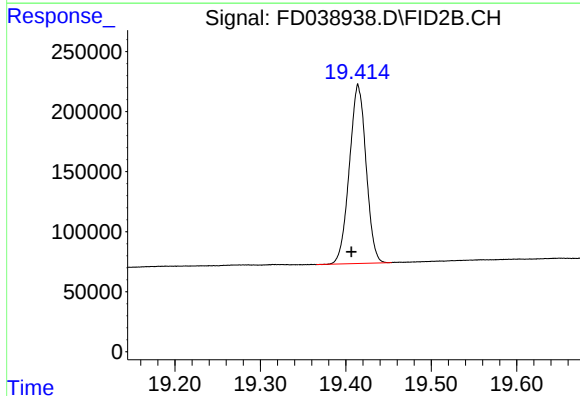
#18 n-Dotriacontane (C32)

R.T.: 18.635 min

Delta R.T.: 0.007 min

Response: 2071639

Conc: 19.16 ug/ml



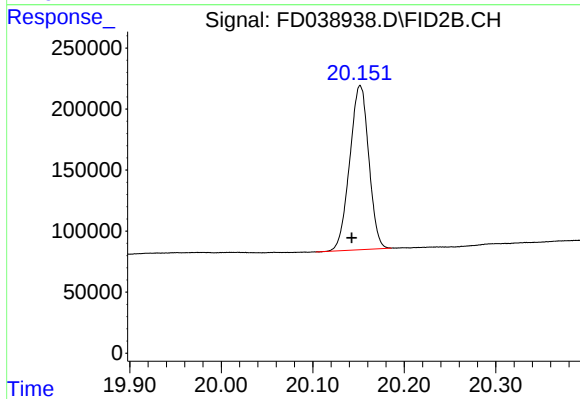
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min

Delta R.T.: 0.008 min

Response: 2020371

Conc: 19.41 ug/ml



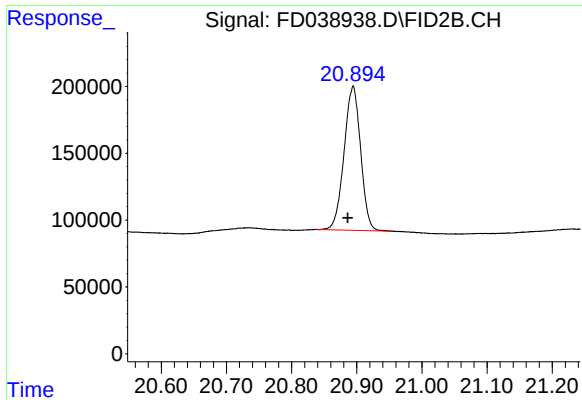
#20 n-Hexatriacontane (C36)

R.T.: 20.152 min

Delta R.T.: 0.009 min

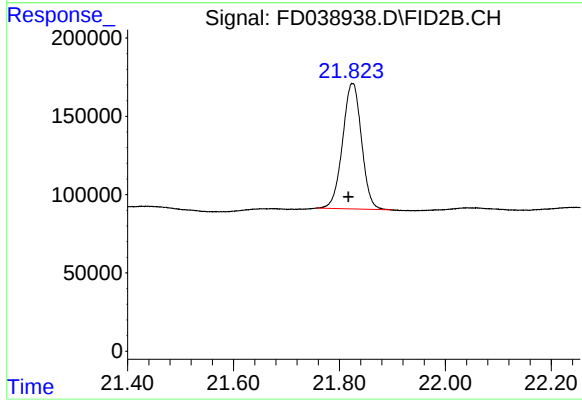
Response: 1943678

Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: 0.008 min
Response: 1907485
Conc: 20.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.825 min
Delta R.T.: 0.008 min
Response: 1988712
Conc: 21.00 ug/ml