

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AL\
 Data File : FD040216.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 14:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 14:40:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.724	2680223	17.784 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
12) S 1-chlorooctadecane (S...	12.159	2136839	18.098 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
Target Compounds			
1) T n-Nonane (C9)	2.640	2364041	17.996 ug/ml
2) T n-Decane (C10)	3.636	2412236	18.227 ug/ml
3) T A~Naphthalene (C11.7)	5.180	2667411	17.931 ug/ml
4) T n-Dodecane (C12)	5.612	2404384	18.287 ug/ml
5) T A~2-methylnaphthalene...	6.222	2685358	18.026 ug/ml
6) T n-Tetradecane (C14)	7.392	2450983	18.604 ug/ml
7) T n-Hexadecane (C16)	8.983	2449163	18.382 ug/ml
8) T n-Octadecane (C18)	10.417	2540322	18.250 ug/ml
10) T n-Eicosane (C20)	11.719	2559301	18.267 ug/ml
11) T n-Heneicosane (C21)	12.328	2570072	18.089 ug/ml
13) T n-Docosane (C22)	12.911	2626659	18.544 ug/ml
14) T n-Tetracosane (C24)	14.009	2776405	19.469 ug/ml
15) T n-Hexacosane (C26)	15.025	2815473	20.728 ug/ml
16) T n-Octacosane (C28)	15.971	2892444	22.529 ug/ml
17) T n-Tricontane (C30)	16.854	2861106	23.824 ug/ml
18) T n-Dotriacontane (C32)	17.684	2621928	23.266 ug/ml
19) T n-Tetratriacontane (C34)	18.466	2387481	21.842 ug/ml
20) T n-Hexatriacontane (C36)	19.203	2180131	21.280 ug/mlm
21) T n-Octatriacontane (C38)	19.909	1971062	20.555 ug/mlm
22) T n-Tetracontane (C40)	20.746	1891029	24.324 ug/mlm

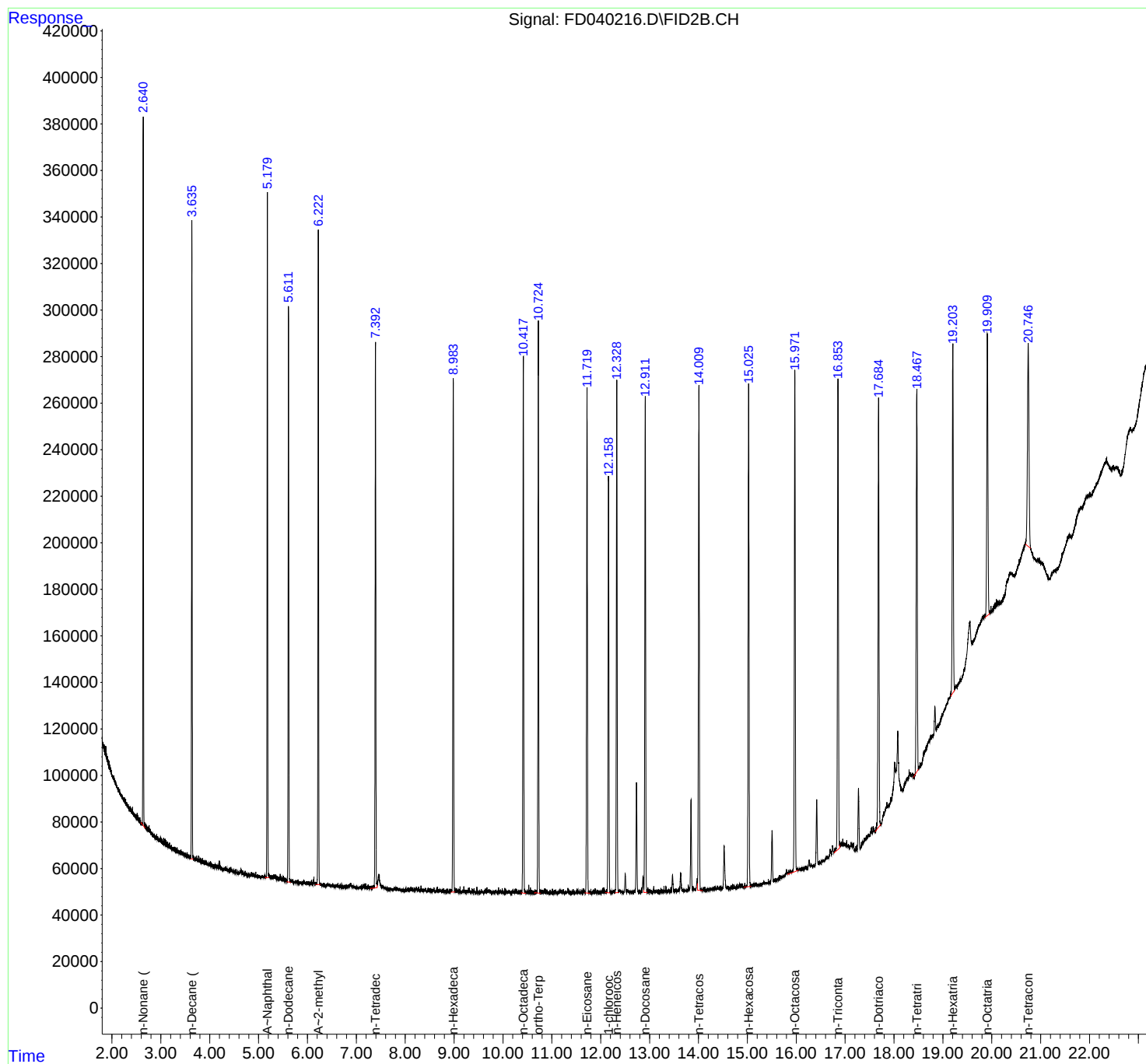
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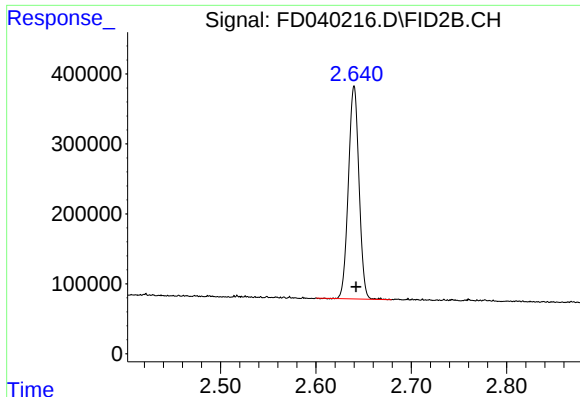
(m)=manual int.

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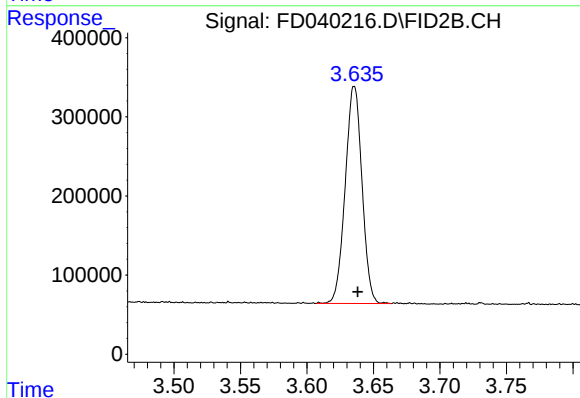
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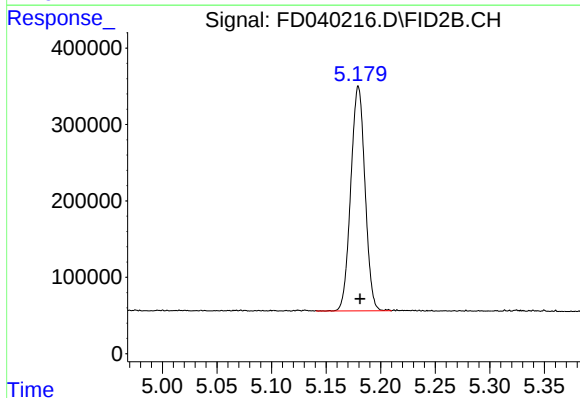
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 2364041
Conc: 18.00 ug/ml



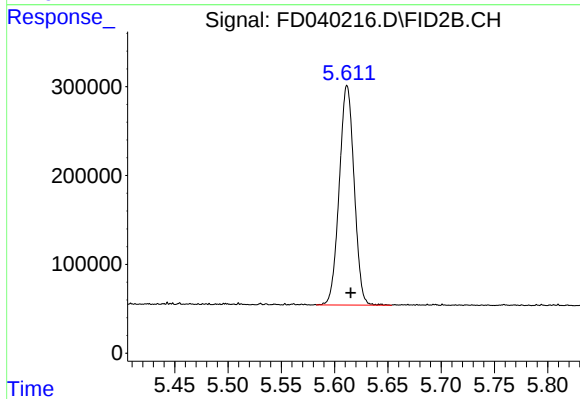
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 2412236
Conc: 18.23 ug/ml



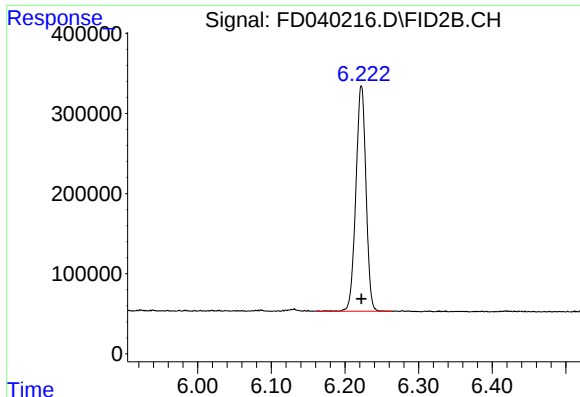
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2667411
Conc: 17.93 ug/ml



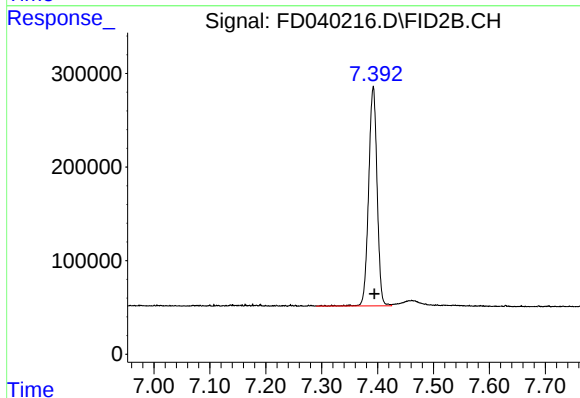
#4 n-Dodecane (C12)

R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 2404384
Conc: 18.29 ug/ml



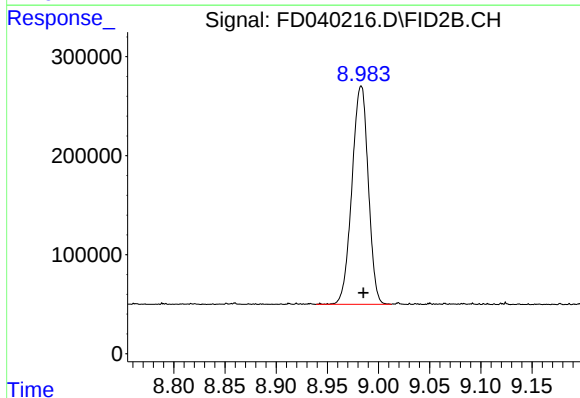
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 2685358
Conc: 18.03 ug/ml



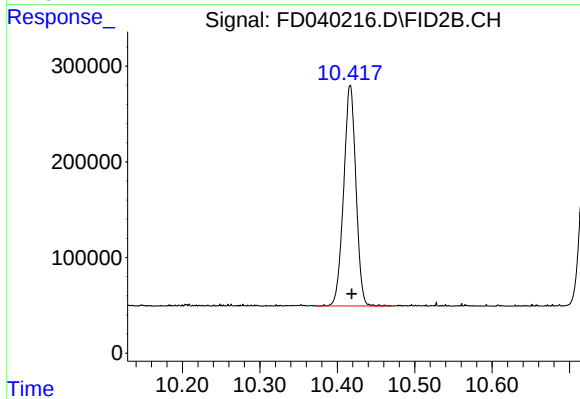
#6 n-Tetradecane (C14)

R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 2450983
Conc: 18.60 ug/ml



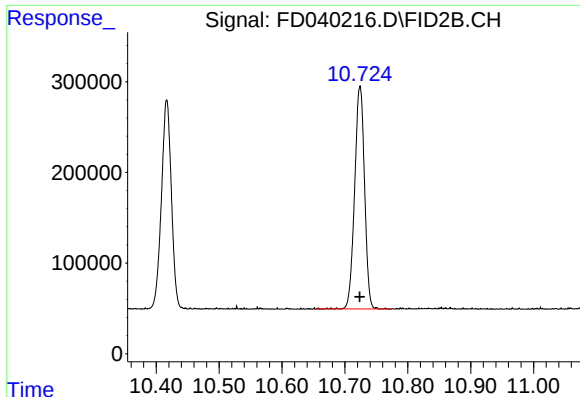
#7 n-Hexadecane (C16)

R.T.: 8.983 min
Delta R.T.: -0.002 min
Response: 2449163
Conc: 18.38 ug/ml



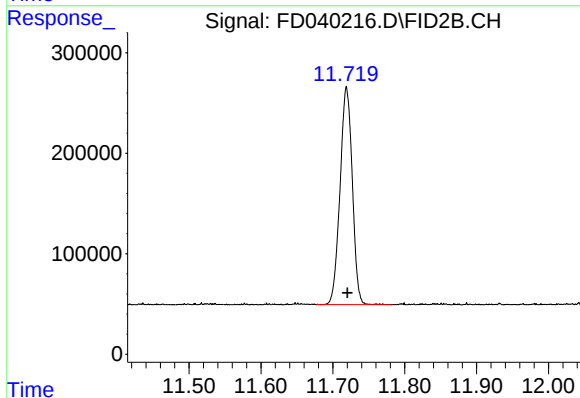
#8 n-Octadecane (C18)

R.T.: 10.417 min
Delta R.T.: -0.002 min
Response: 2540322
Conc: 18.25 ug/ml



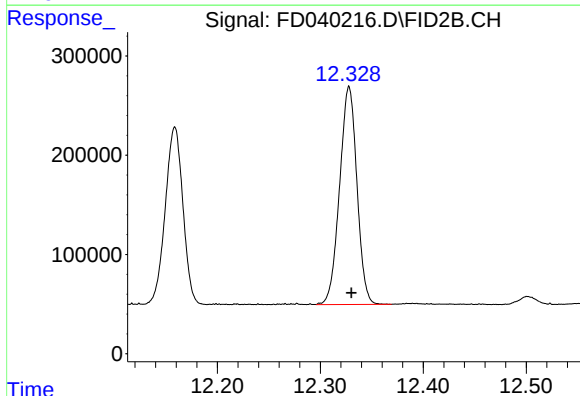
#9 ortho-Terphenyl (SURR)

R.T.: 10.724 min
Delta R.T.: 0.000 min
Response: 2680223
Conc: 17.78 ug/ml



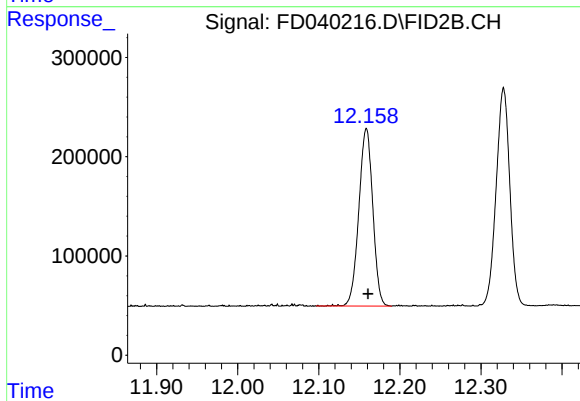
#10 n-Eicosane (C20)

R.T.: 11.719 min
Delta R.T.: -0.001 min
Response: 2559301
Conc: 18.27 ug/ml



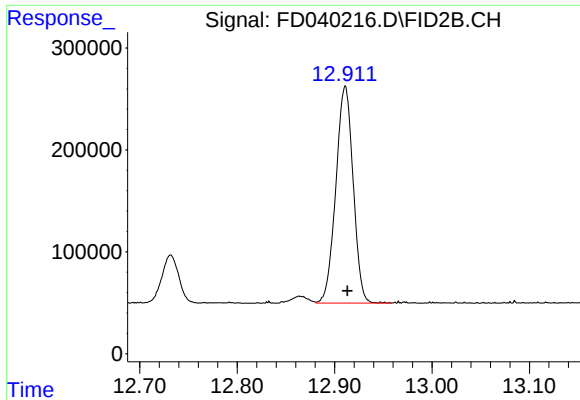
#11 n-Heneicosane (C21)

R.T.: 12.328 min
Delta R.T.: -0.002 min
Response: 2570072
Conc: 18.09 ug/ml



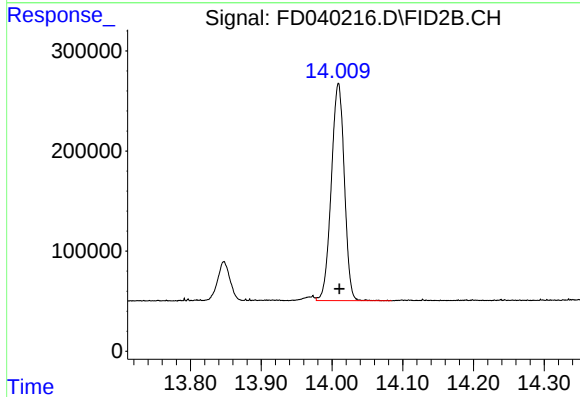
#12 1-chlorooctadecane (SURR)

R.T.: 12.159 min
Delta R.T.: -0.002 min
Response: 2136839
Conc: 18.10 ug/ml



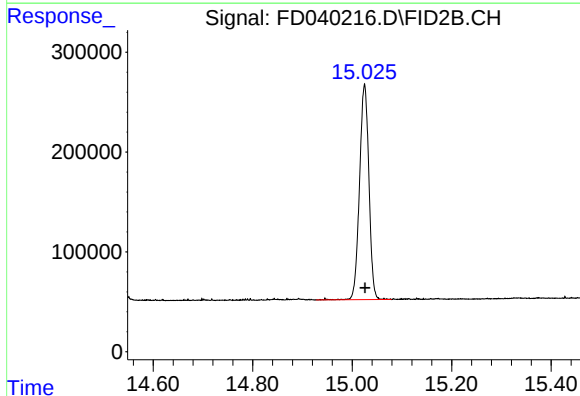
#13 n-Docosane (C22)

R.T.: 12.911 min
Delta R.T.: -0.002 min
Response: 2626659
Conc: 18.54 ug/ml



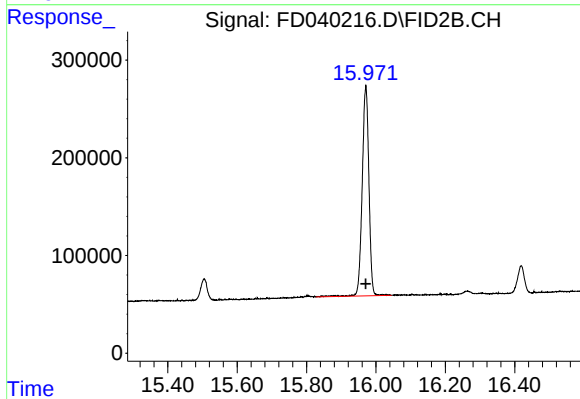
#14 n-Tetracosane (C24)

R.T.: 14.009 min
Delta R.T.: -0.001 min
Response: 2776405
Conc: 19.47 ug/ml



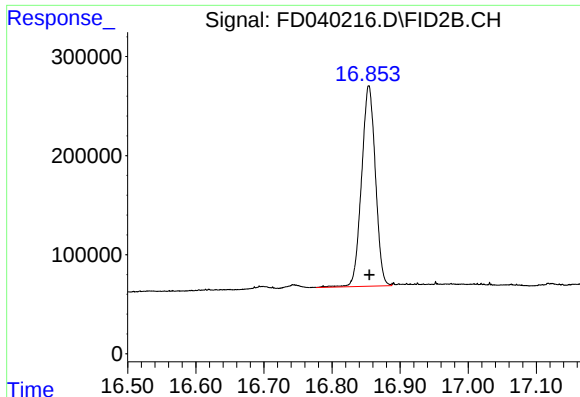
#15 n-Hexacosane (C26)

R.T.: 15.025 min
Delta R.T.: 0.000 min
Response: 2815473
Conc: 20.73 ug/ml



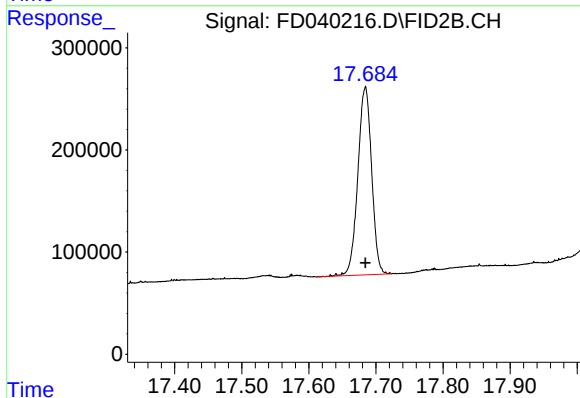
#16 n-Octacosane (C28)

R.T.: 15.971 min
Delta R.T.: 0.000 min
Response: 2892444
Conc: 22.53 ug/ml



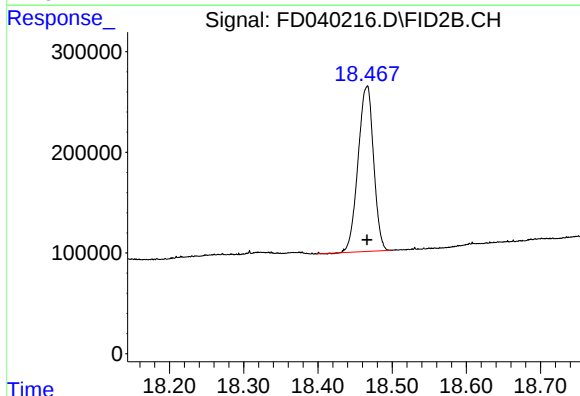
#17 n-Tricontane (C30)

R.T.: 16.854 min
Delta R.T.: -0.001 min
Response: 2861106
Conc: 23.82 ug/ml



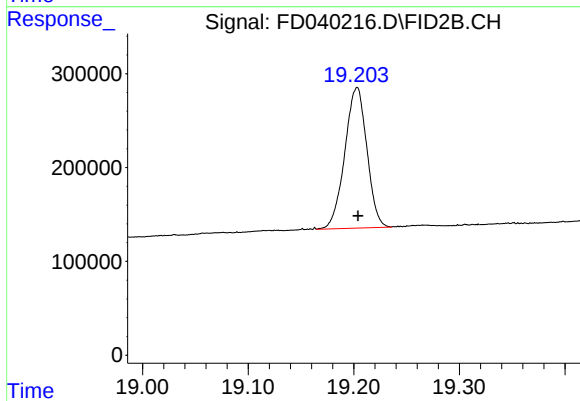
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: 0.000 min
Response: 2621928
Conc: 23.27 ug/ml



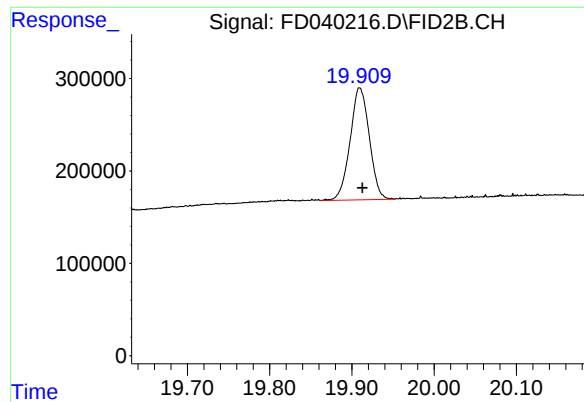
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min
Delta R.T.: 0.000 min
Response: 2387481
Conc: 21.84 ug/ml



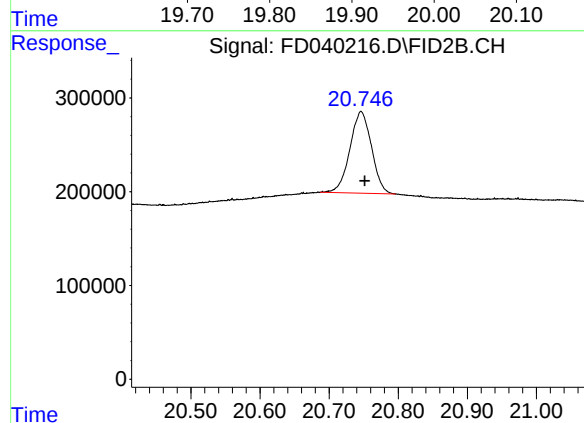
#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: -0.002 min
Response: 2180131
Conc: 21.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: -0.004 min
Response: 1971062
Conc: 20.56 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.746 min
Delta R.T.: -0.006 min
Response: 1891029
Conc: 24.32 ug/ml m