

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032322AL\
 Data File : FD041691.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2022 8:08
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 24 08:39:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.229	3721317	20.985 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
12) S 1-chlorooctadecane (S...	12.669	2901139	20.951 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T n-Nonane (C9)	3.095	3061892	20.815 ug/ml
2) T n-Decane (C10)	4.141	3059378	20.951 ug/ml
3) T A~Naphthalene (C11.7)	5.692	3317230	21.237 ug/ml
4) T n-Dodecane (C12)	6.137	3172401	21.060 ug/ml
5) T A~2-methylnaphthalene...	6.737	3370319	21.667 ug/ml
6) T n-Tetradecane (C14)	7.914	3208635	21.065 ug/ml
7) T n-Hexadecane (C16)	9.501	3255539	21.114 ug/ml
8) T n-Octadecane (C18)	10.932	3315459	21.043 ug/ml
10) T n-Eicosane (C20)	12.232	3328754	21.042 ug/ml
11) T n-Heneicosane (C21)	12.840	3350290	20.922 ug/ml
13) T n-Docosane (C22)	13.422	3363271	20.941 ug/ml
14) T n-Tetracosane (C24)	14.518	3350221	20.726 ug/ml
15) T n-Hexacosane (C26)	15.533	3305564	20.466 ug/ml
16) T n-Octacosane (C28)	16.477	3222832	20.021 ug/ml
17) T n-Tricontane (C30)	17.360	3076812	19.524 ug/ml
18) T n-Dotriacontane (C32)	18.187	2818955	18.997 ug/ml
19) T n-Tetratriacontane (C34)	18.966	2548039	19.017 ug/ml
20) T n-Hexatriacontane (C36)	19.701	2324321	19.411 ug/ml
21) T n-Octatriacontane (C38)	20.400	2202466	19.899 ug/ml
22) T n-Tetracontane (C40)	21.179	2198850	20.423 ug/ml

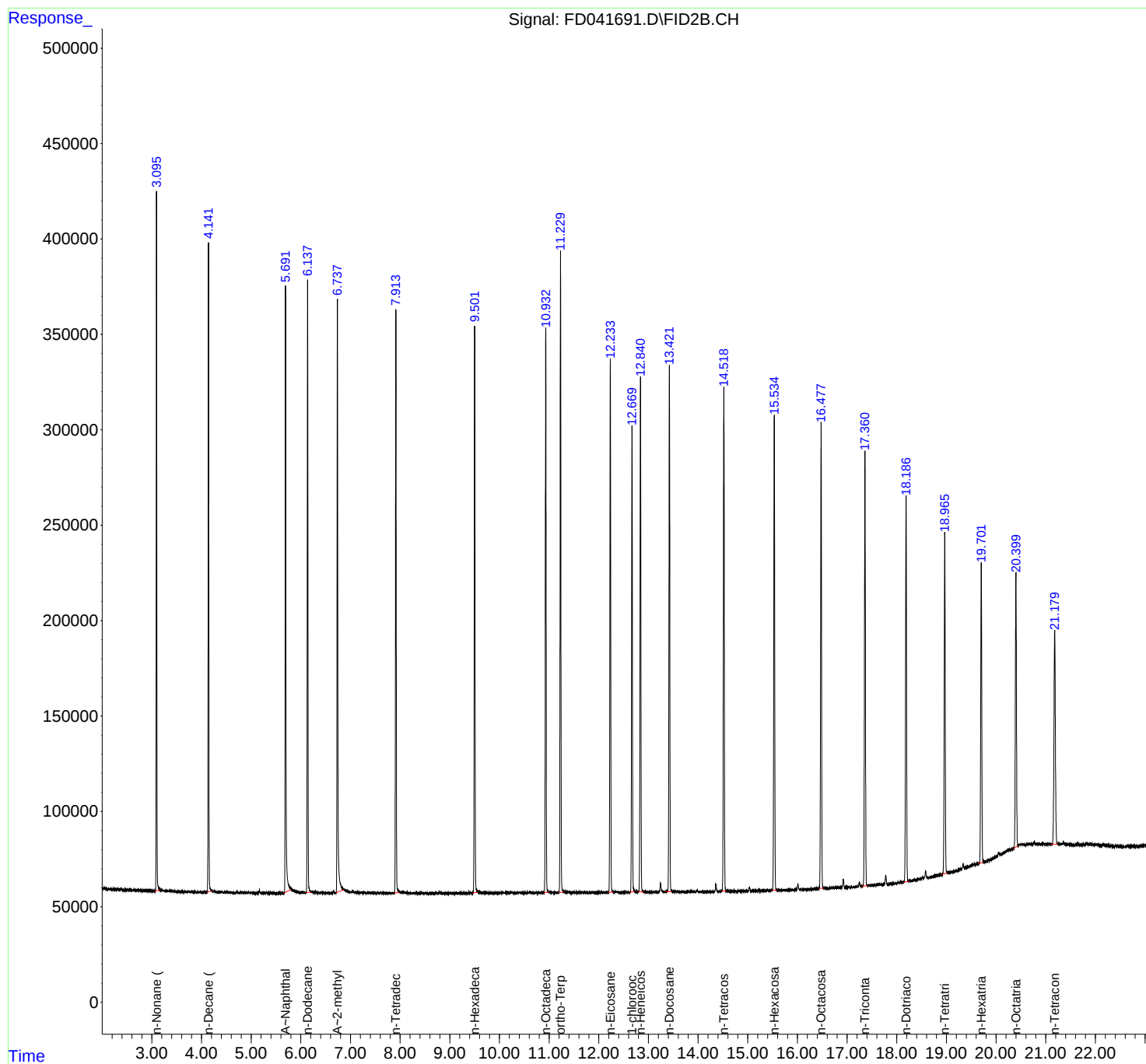
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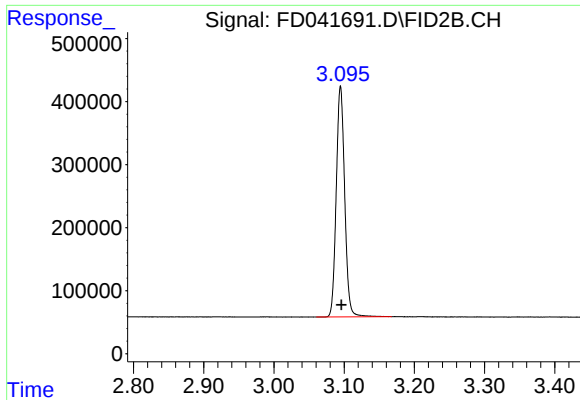
(m)=manual int.

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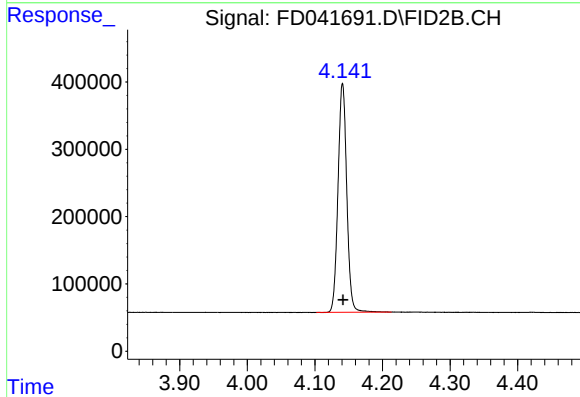
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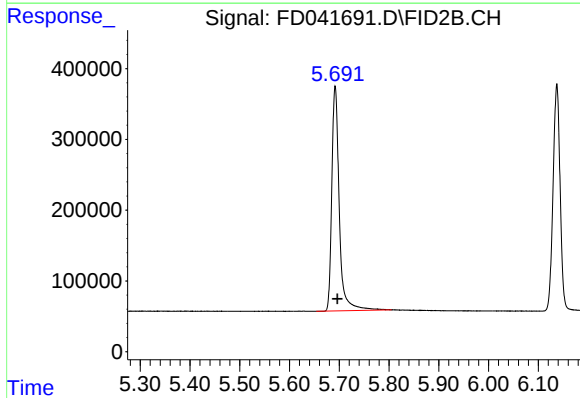
#1 n-Nonane (C9)

R.T.: 3.095 min
Delta R.T.: -0.001 min
Response: 3061892
Conc: 20.81 ug/ml



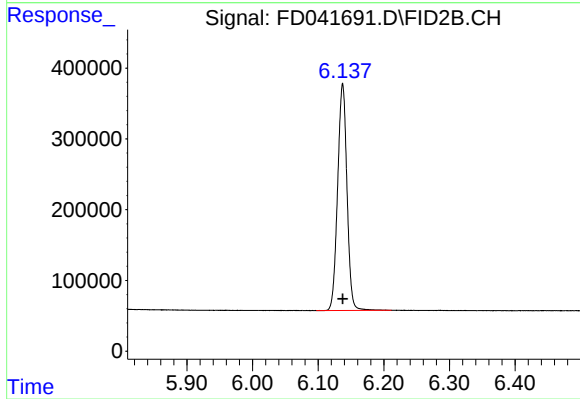
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 3059378
Conc: 20.95 ug/ml



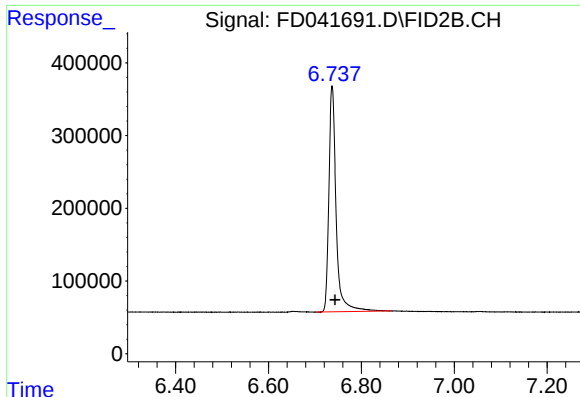
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 3317230
Conc: 21.24 ug/ml



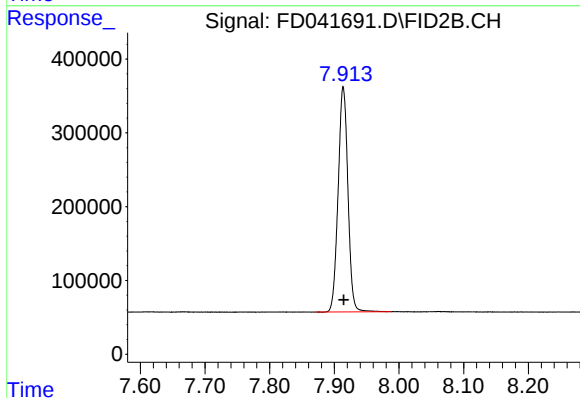
#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 3172401
Conc: 21.06 ug/ml



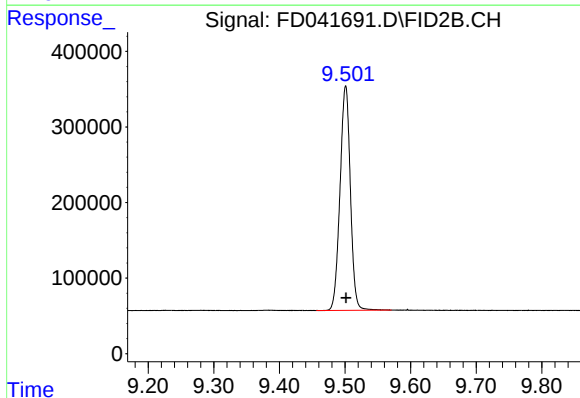
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.006 min
Response: 3370319
Conc: 21.67 ug/ml



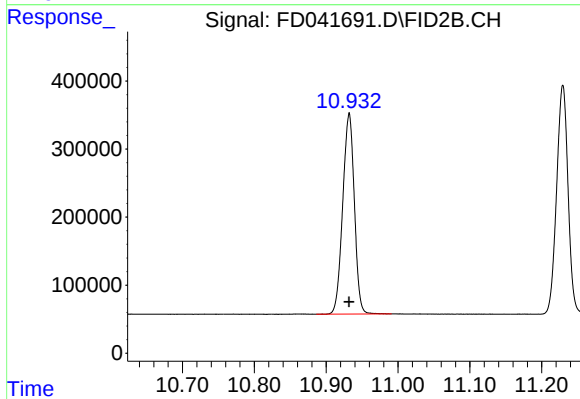
#6 n-Tetradecane (C14)

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 3208635
Conc: 21.06 ug/ml



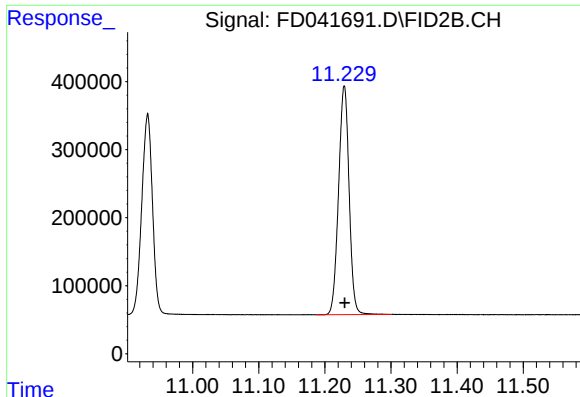
#7 n-Hexadecane (C16)

R.T.: 9.501 min
Delta R.T.: 0.000 min
Response: 3255539
Conc: 21.11 ug/ml



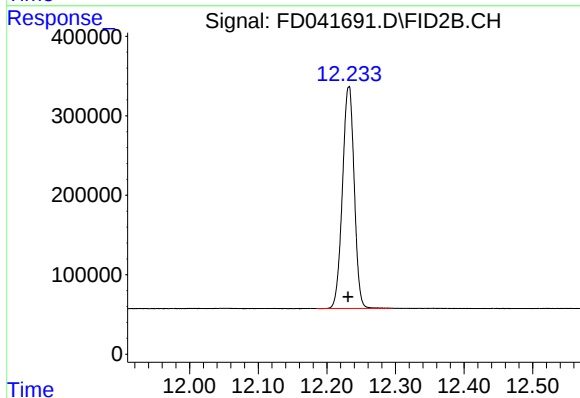
#8 n-Octadecane (C18)

R.T.: 10.932 min
Delta R.T.: 0.000 min
Response: 3315459
Conc: 21.04 ug/ml



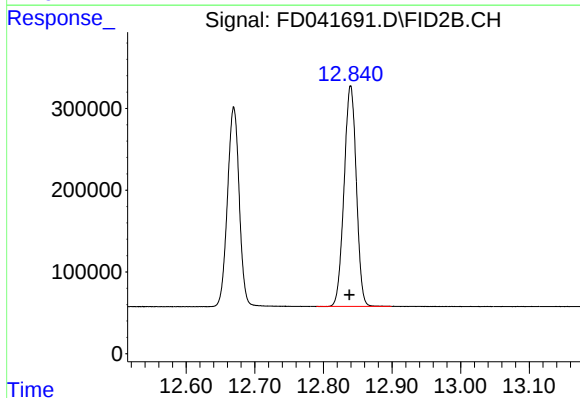
#9 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3721317
Conc: 20.98 ug/ml



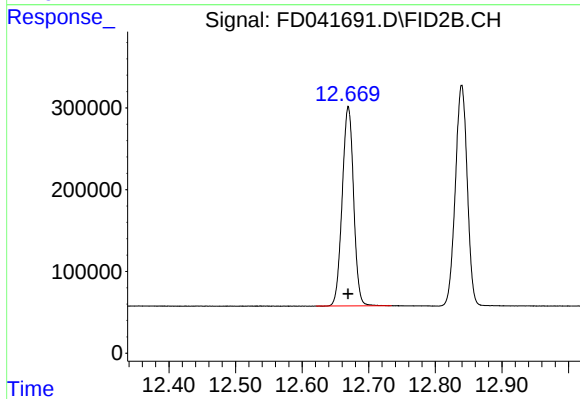
#10 n-Eicosane (C20)

R.T.: 12.232 min
Delta R.T.: 0.001 min
Response: 3328754
Conc: 21.04 ug/ml



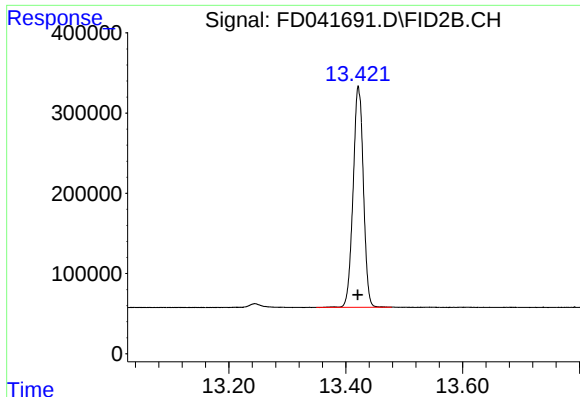
#11 n-Heneicosane (C21)

R.T.: 12.840 min
Delta R.T.: 0.002 min
Response: 3350290
Conc: 20.92 ug/ml



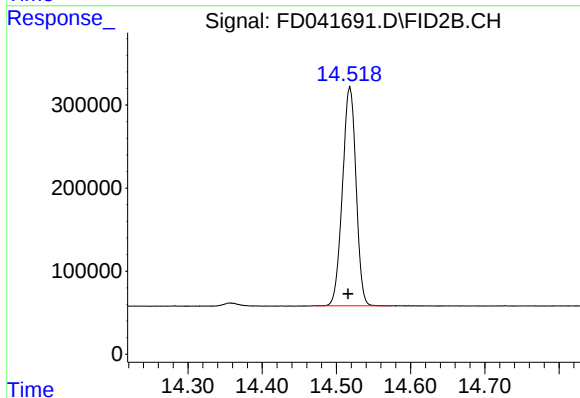
#12 1-chlorooctadecane (SURR)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2901139
Conc: 20.95 ug/ml



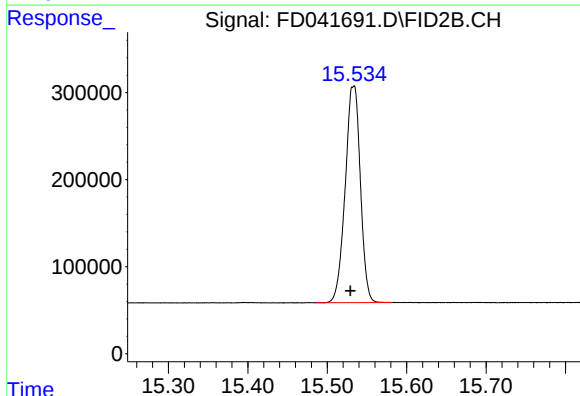
#13 n-Docosane (C22)

R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 3363271
Conc: 20.94 ug/ml



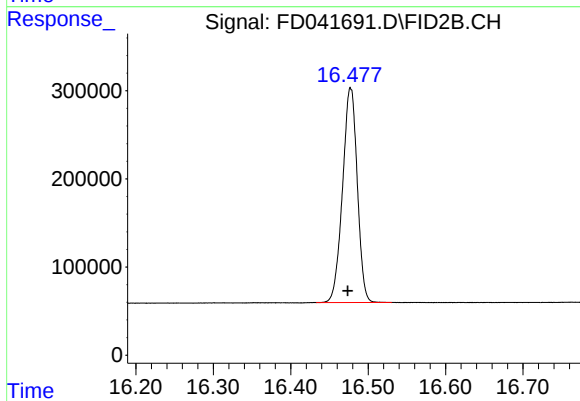
#14 n-Tetracosane (C24)

R.T.: 14.518 min
Delta R.T.: 0.003 min
Response: 3350221
Conc: 20.73 ug/ml



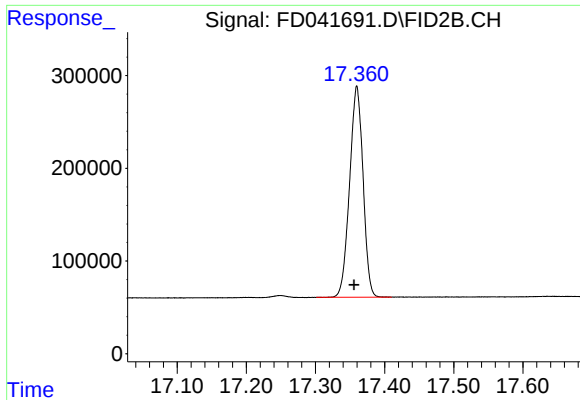
#15 n-Hexacosane (C26)

R.T.: 15.533 min
Delta R.T.: 0.004 min
Response: 3305564
Conc: 20.47 ug/ml



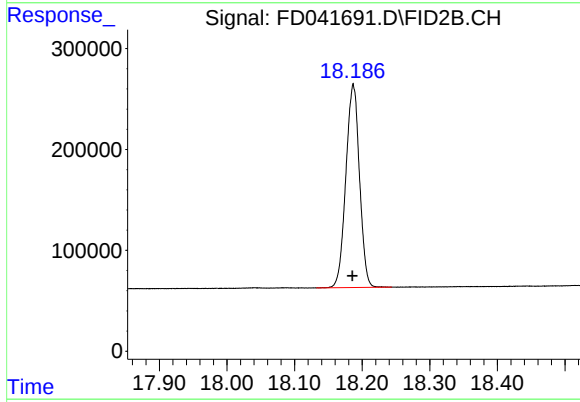
#16 n-Octacosane (C28)

R.T.: 16.477 min
Delta R.T.: 0.004 min
Response: 3222832
Conc: 20.02 ug/ml



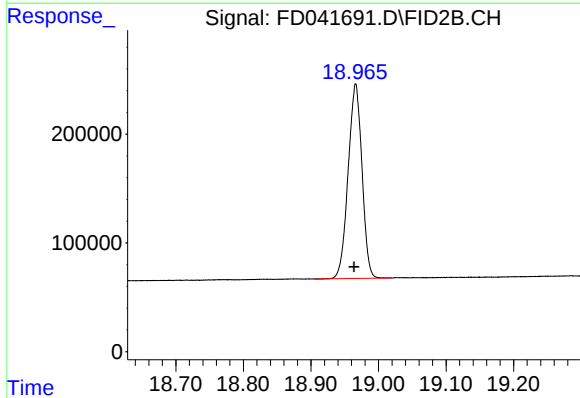
#17 n-Tricontane (C30)

R.T.: 17.360 min
Delta R.T.: 0.004 min
Response: 3076812
Conc: 19.52 ug/ml



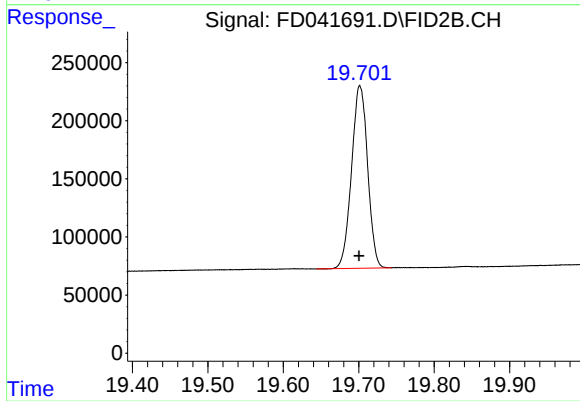
#18 n-Dotriacontane (C32)

R.T.: 18.187 min
Delta R.T.: 0.002 min
Response: 2818955
Conc: 19.00 ug/ml



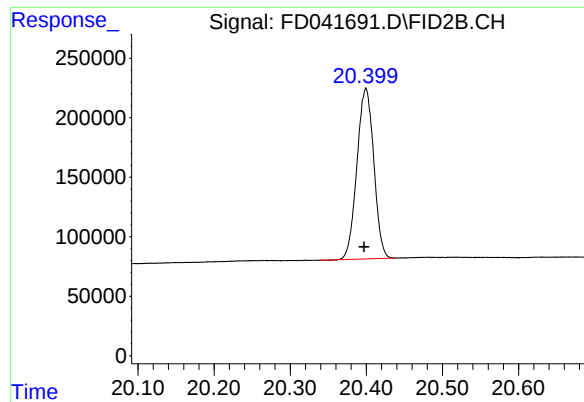
#19 n-Tetratriacontane (C34)

R.T.: 18.966 min
Delta R.T.: 0.002 min
Response: 2548039
Conc: 19.02 ug/ml



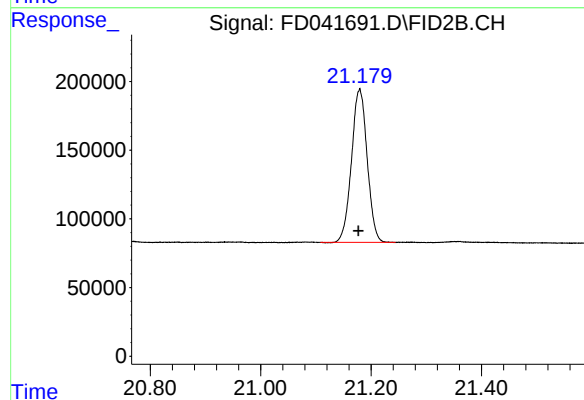
#20 n-Hexatriacontane (C36)

R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 2324321
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: 0.003 min
Response: 2202466
Conc: 19.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.179 min
Delta R.T.: 0.002 min
Response: 2198850
Conc: 20.42 ug/ml