

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032322AL\
 Data File : FD041679.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2022 12:01
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 13:32:02 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)	11.227	3547760	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	12.667	2771180	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.094	2931728	19.930 ug/ml
2) T n-Decane (C10)	4.141	2911053	19.936 ug/ml
3) T A~Naphthalene (C11.7)	5.692	3165309	20.264 ug/ml
4) T n-Dodecane (C12)	6.137	3015214	20.017 ug/ml
5) T A~2-methylnaphthalene...	6.738	3194162	20.534 ug/ml
6) T n-Tetradecane (C14)	7.913	3047871	20.009 ug/ml
7) T n-Hexadecane (C16)	9.500	3090009	20.040 ug/ml
8) T n-Octadecane (C18)	10.930	3154317	20.021 ug/ml
10) T n-Eicosane (C20)	12.230	3167080	20.020 ug/ml
11) T n-Heneicosane (C21)	12.837	3193333	19.941 ug/ml
13) T n-Docosane (C22)	13.419	3200851	19.929 ug/ml
14) T n-Tetracosane (C24)	14.515	3208818	19.851 ug/ml
15) T n-Hexacosane (C26)	15.530	3175811	19.663 ug/ml
16) T n-Octacosane (C28)	16.475	3116749	19.362 ug/ml
17) T n-Tricontane (C30)	17.358	2991693	18.984 ug/ml
18) T n-Dotriacontane (C32)	18.186	2755726	18.570 ug/ml
19) T n-Tetratriacontane (C34)	18.965	2487143	18.563 ug/ml
20) T n-Hexatriacontane (C36)	19.700	2254834	18.831 ug/mlm
21) T n-Octatriacontane (C38)	20.398	2152196	19.445 ug/mlm
22) T n-Tetracontane (C40)	21.177	2103037	19.533 ug/mlm

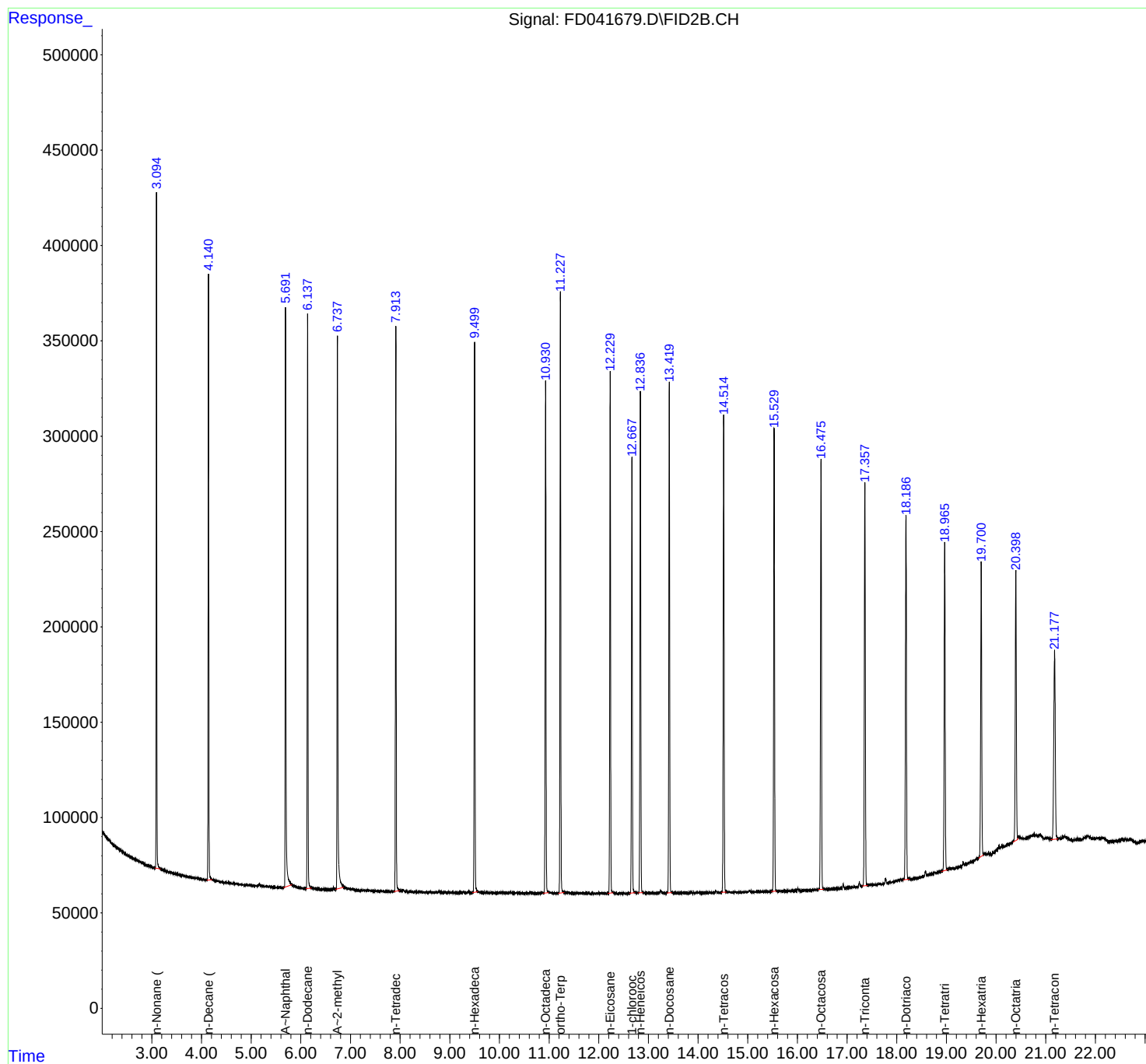
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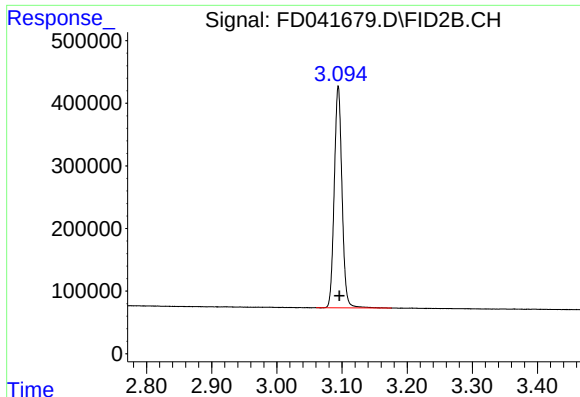
(m)=manual int.

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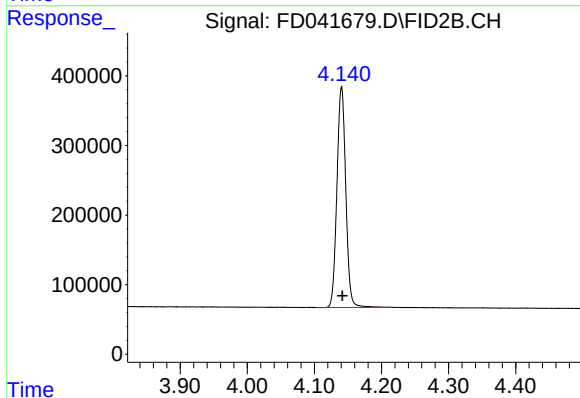
Volume Inj. : 1 u1
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Signal Info : 20M x 0.18mm x 0.18um





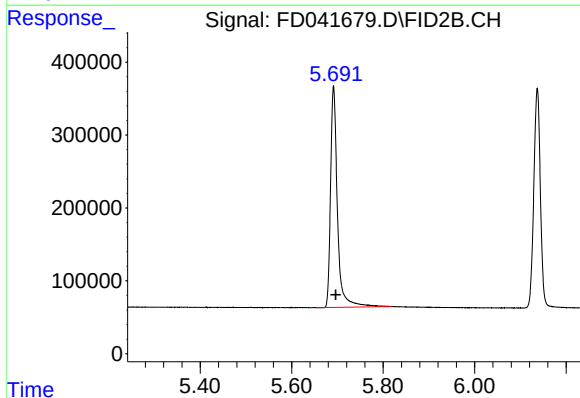
#1 n-Nonane (C9)

R.T.: 3.094 min
Delta R.T.: -0.002 min
Response: 2931728
Conc: 19.93 ug/ml



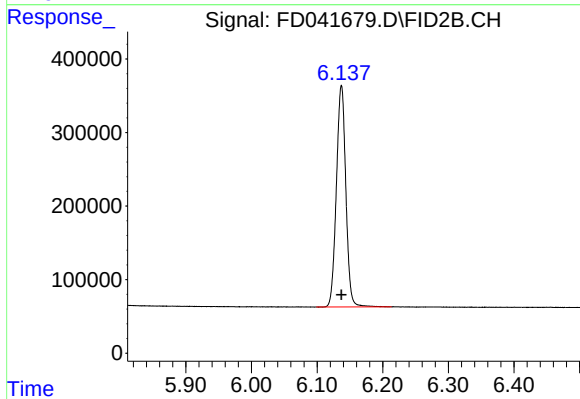
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 2911053
Conc: 19.94 ug/ml



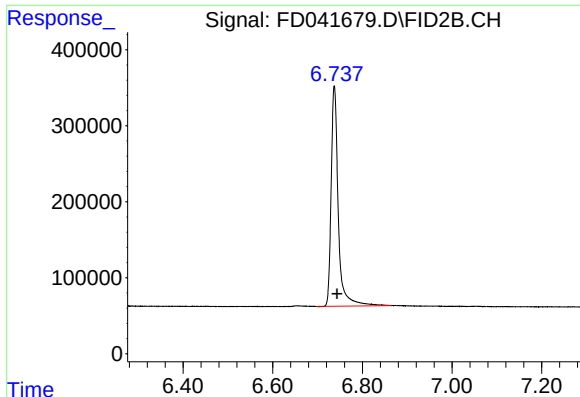
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 3165309
Conc: 20.26 ug/ml



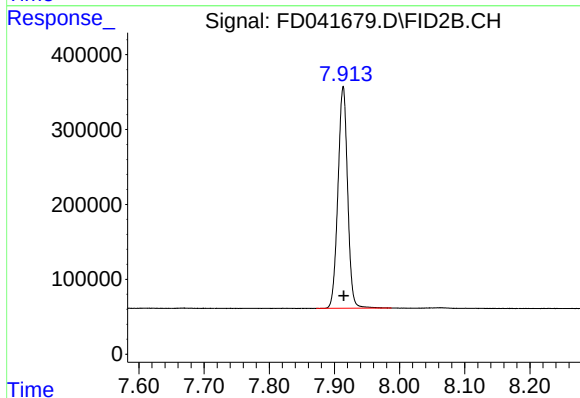
#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 3015214
Conc: 20.02 ug/ml



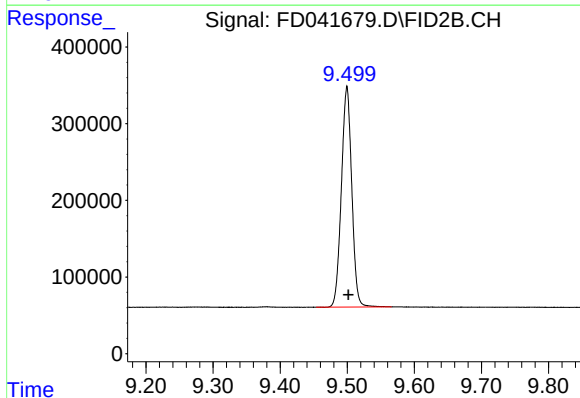
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 3194162
Conc: 20.53 ug/ml



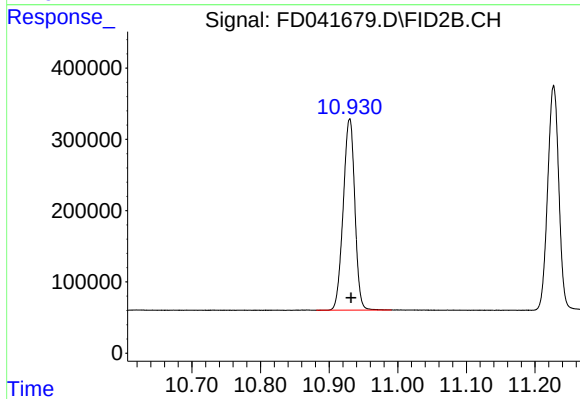
#6 n-Tetradecane (C14)

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 3047871
Conc: 20.01 ug/ml



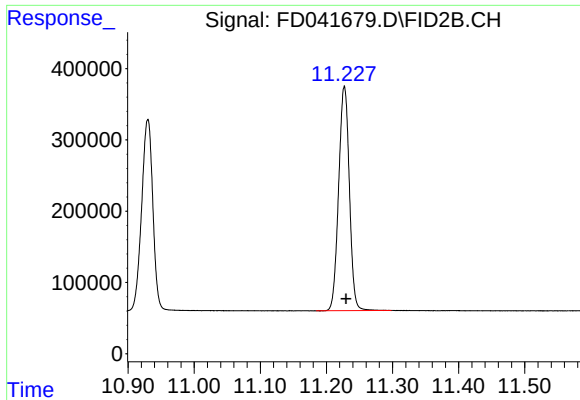
#7 n-Hexadecane (C16)

R.T.: 9.500 min
Delta R.T.: -0.002 min
Response: 3090009
Conc: 20.04 ug/ml



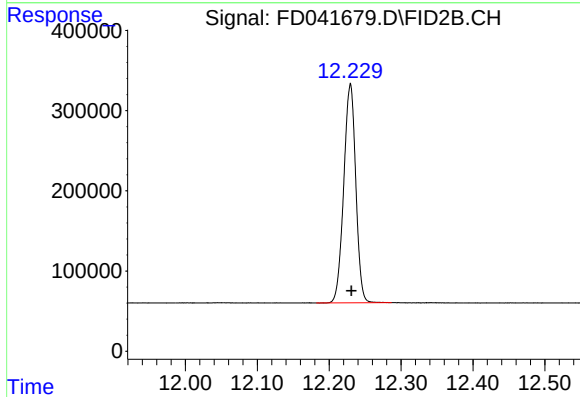
#8 n-Octadecane (C18)

R.T.: 10.930 min
Delta R.T.: -0.002 min
Response: 3154317
Conc: 20.02 ug/ml



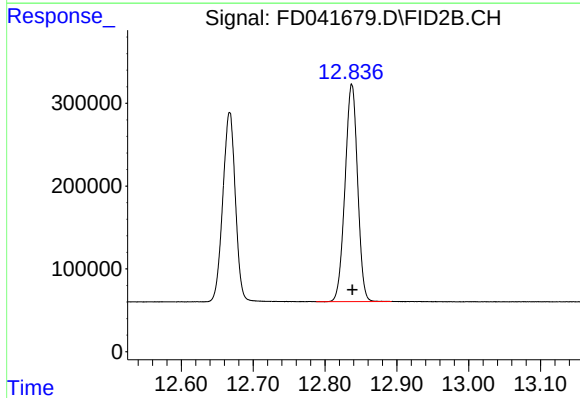
#9 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 3547760
Conc: 20.01 ug/ml



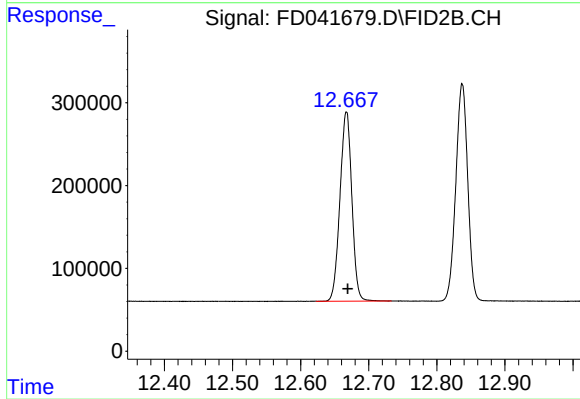
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.001 min
Response: 3167080
Conc: 20.02 ug/ml



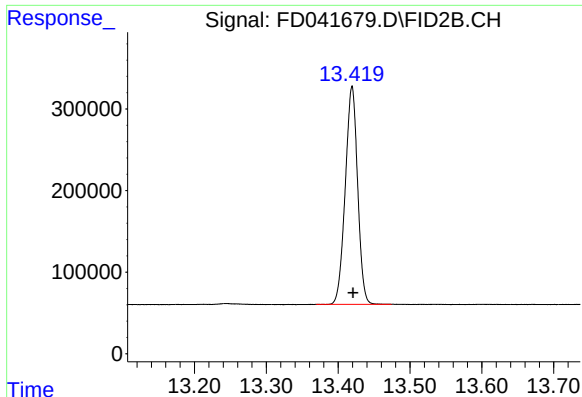
#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: 0.000 min
Response: 3193333
Conc: 19.94 ug/ml



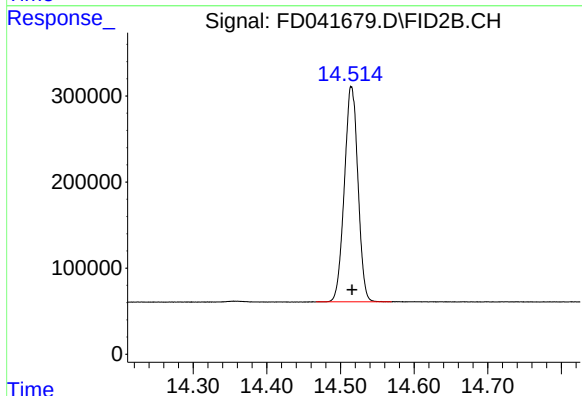
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: -0.002 min
Response: 2771180
Conc: 20.01 ug/ml



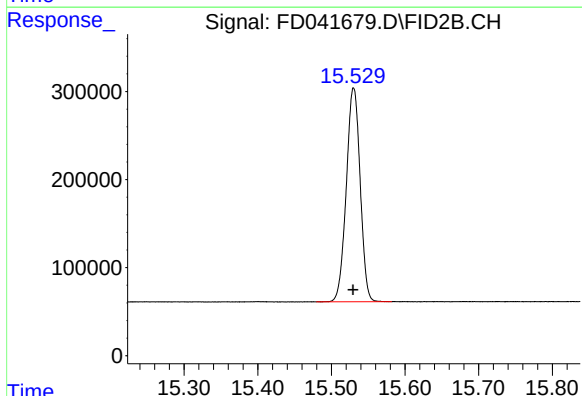
#13 n-Docosane (C22)

R.T.: 13.419 min
Delta R.T.: -0.001 min
Response: 3200851
Conc: 19.93 ug/ml



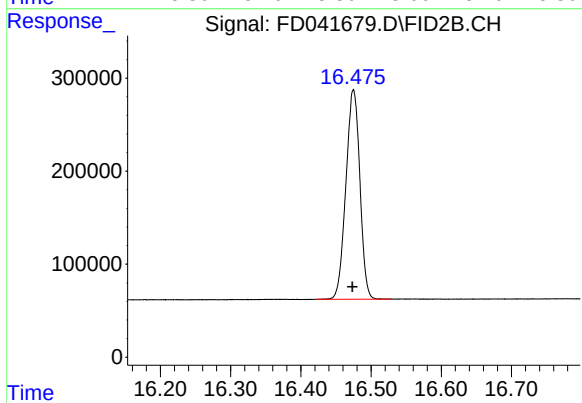
#14 n-Tetracosane (C24)

R.T.: 14.515 min
Delta R.T.: 0.000 min
Response: 3208818
Conc: 19.85 ug/ml



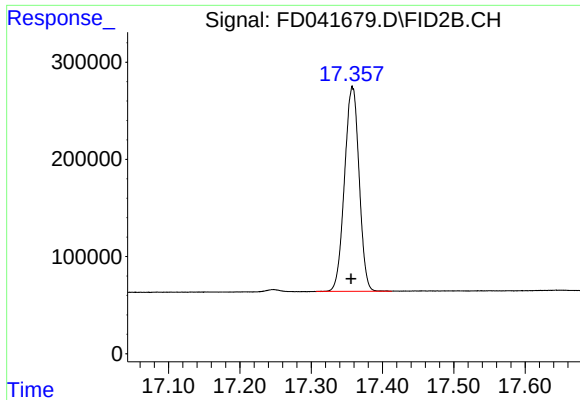
#15 n-Hexacosane (C26)

R.T.: 15.530 min
Delta R.T.: 0.000 min
Response: 3175811
Conc: 19.66 ug/ml



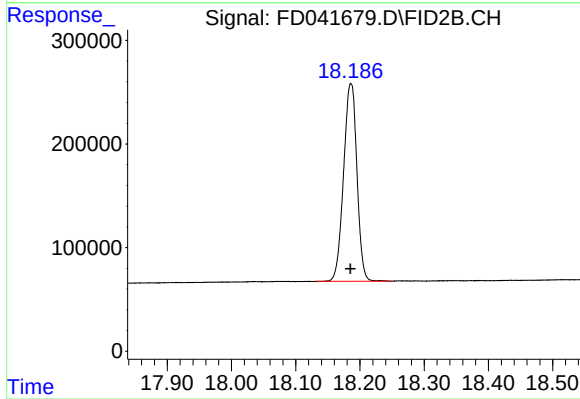
#16 n-Octacosane (C28)

R.T.: 16.475 min
Delta R.T.: 0.001 min
Response: 3116749
Conc: 19.36 ug/ml



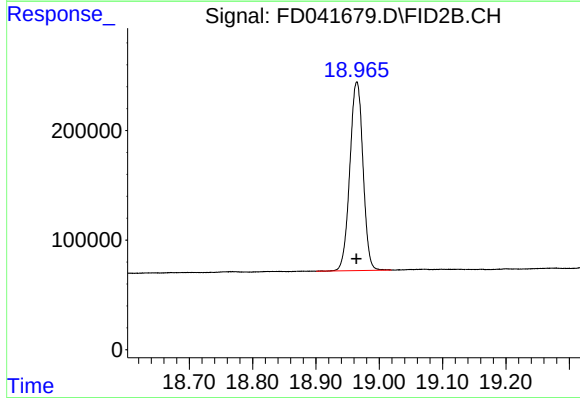
#17 n-Tricontane (C30)

R.T.: 17.358 min
Delta R.T.: 0.002 min
Response: 2991693
Conc: 18.98 ug/ml



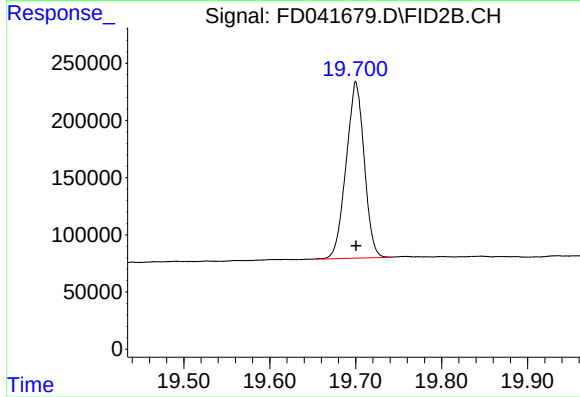
#18 n-Dotriacontane (C32)

R.T.: 18.186 min
Delta R.T.: 0.000 min
Response: 2755726
Conc: 18.57 ug/ml



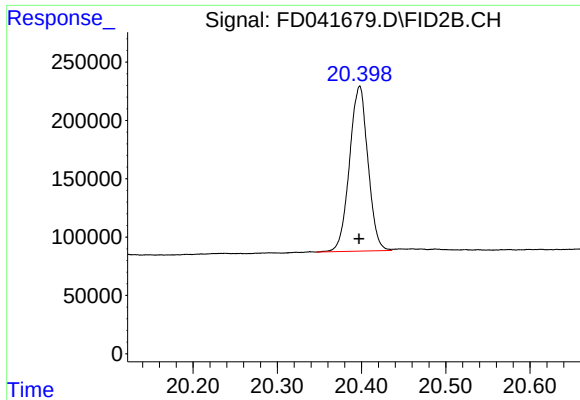
#19 n-Tetratriacontane (C34)

R.T.: 18.965 min
Delta R.T.: 0.000 min
Response: 2487143
Conc: 18.56 ug/ml



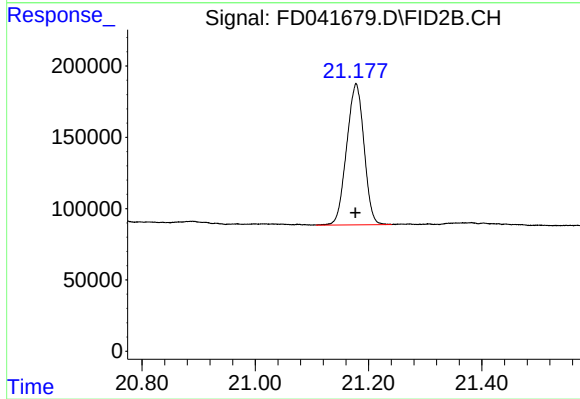
#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 2254834
Conc: 18.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: 0.000 min
Response: 2152196
Conc: 19.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 2103037
Conc: 19.53 ug/ml m