

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AL\
 Data File : FD041810.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 11:27
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 31 01:17:38 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	3689464	20.805 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
12) S 1-chlorooctadecane (S...	12.667	2871970	20.741 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.089	3189147	21.680 ug/ml
2) T n-Decane (C10)	4.136	3183180	21.799 ug/ml
3) T A~Naphthalene (C11.7)	5.688	3461510	22.160 ug/ml
4) T n-Dodecane (C12)	6.134	3304574	21.938 ug/ml
5) T A~2-methylnaphthalene...	6.734	3490987	22.443 ug/ml
6) T n-Tetradecane (C14)	7.911	3332571	21.878 ug/ml
7) T n-Hexadecane (C16)	9.499	3369296	21.851 ug/ml
8) T n-Octadecane (C18)	10.930	3402492	21.596 ug/ml
10) T n-Eicosane (C20)	12.230	3359632	21.237 ug/ml
11) T n-Heneicosane (C21)	12.837	3337822	20.844 ug/ml
13) T n-Docosane (C22)	13.420	3382887	21.063 ug/ml
14) T n-Tetracosane (C24)	14.517	3390317	20.974 ug/ml
15) T n-Hexacosane (C26)	15.531	3333182	20.637 ug/ml
16) T n-Octacosane (C28)	16.474	3296533	20.479 ug/ml
17) T n-Tricontane (C30)	17.357	3206242	20.345 ug/ml
18) T n-Dotriacontane (C32)	18.185	2999401	20.213 ug/ml
19) T n-Tetratriacontane (C34)	18.964	2687723	20.060 ug/ml
20) T n-Hexatriacontane (C36)	19.700	2463249	20.571 ug/ml
21) T n-Octatriacontane (C38)	20.397	2344338	21.181 ug/mlm
22) T n-Tetracontane (C40)	21.178	2327316	21.617 ug/mlm

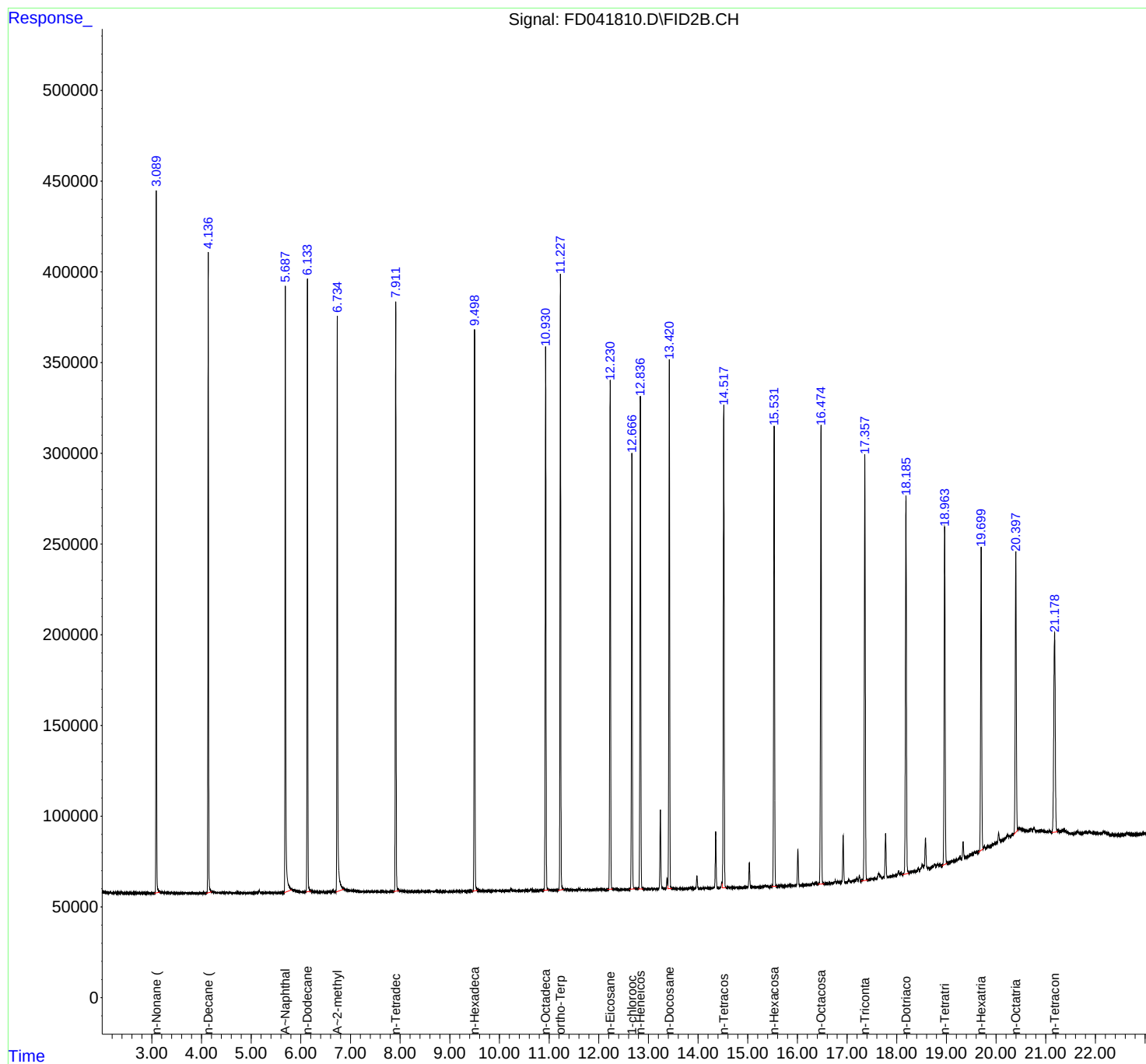
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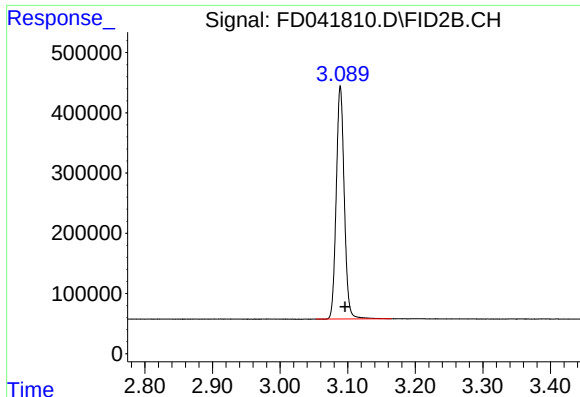
(m)=manual int.

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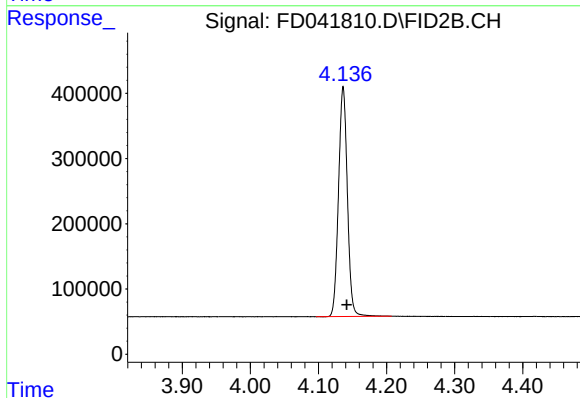
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





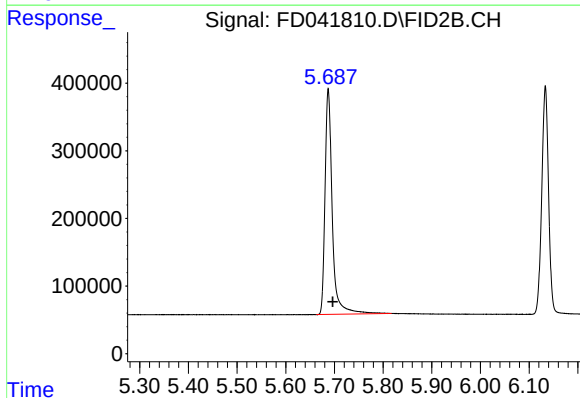
#1 n-Nonane (C9)

R.T.: 3.089 min
Delta R.T.: -0.007 min
Response: 3189147
Conc: 21.68 ug/ml



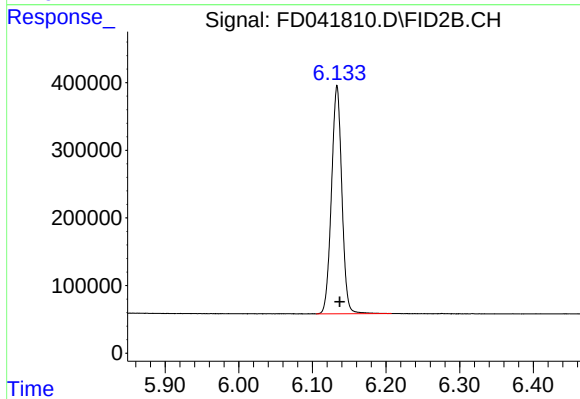
#2 n-Decane (C10)

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 3183180
Conc: 21.80 ug/ml



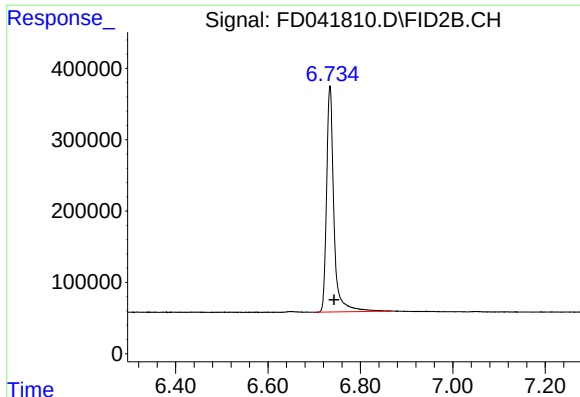
#3 A~Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.009 min
Response: 3461510
Conc: 22.16 ug/ml



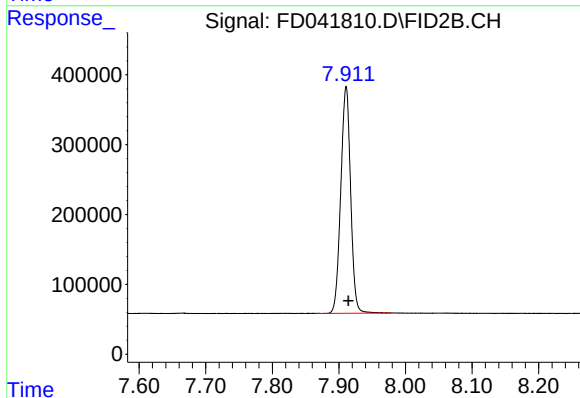
#4 n-Dodecane (C12)

R.T.: 6.134 min
Delta R.T.: -0.004 min
Response: 3304574
Conc: 21.94 ug/ml



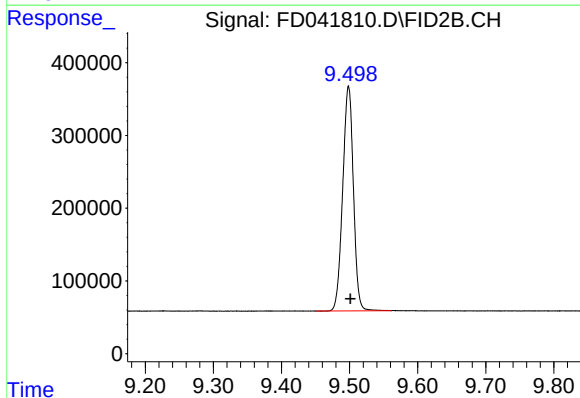
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.009 min
Response: 3490987
Conc: 22.44 ug/ml



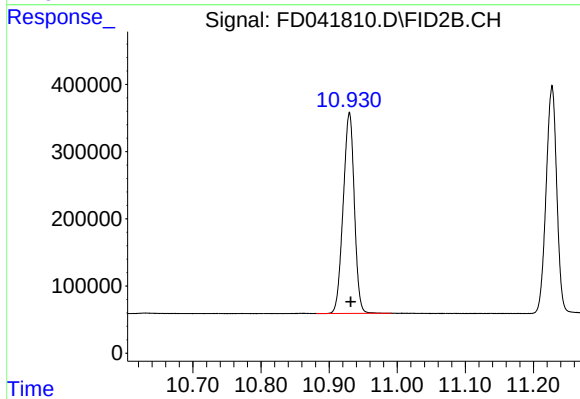
#6 n-Tetradecane (C14)

R.T.: 7.911 min
Delta R.T.: -0.003 min
Response: 3332571
Conc: 21.88 ug/ml



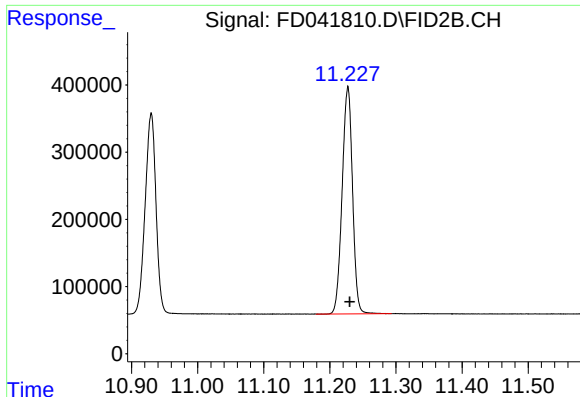
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 3369296
Conc: 21.85 ug/ml



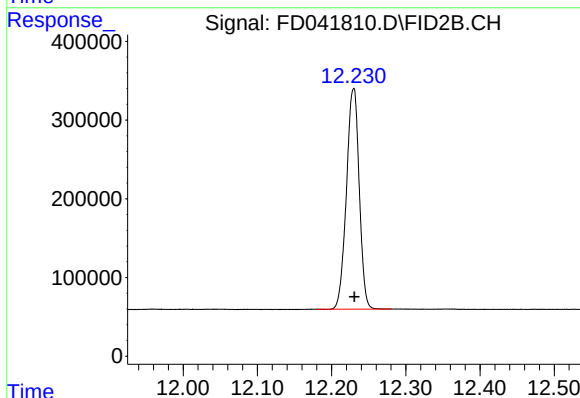
#8 n-Octadecane (C18)

R.T.: 10.930 min
Delta R.T.: -0.002 min
Response: 3402492
Conc: 21.60 ug/ml



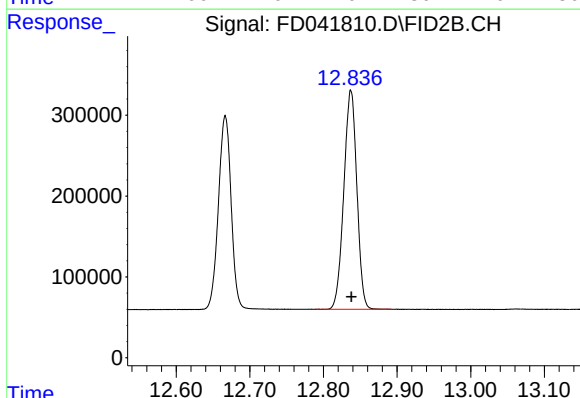
#9 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 3689464
Conc: 20.81 ug/ml



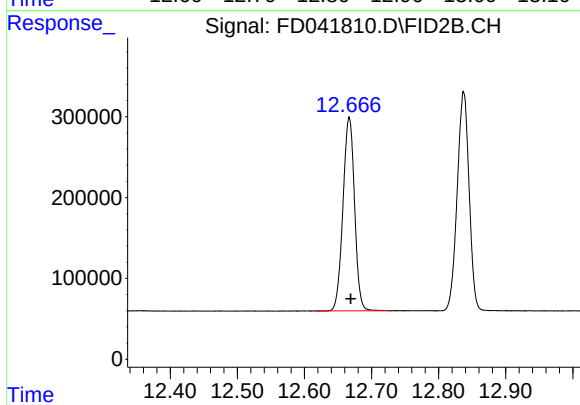
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.001 min
Response: 3359632
Conc: 21.24 ug/ml



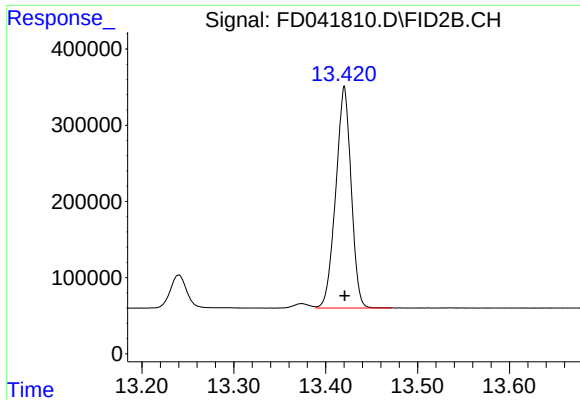
#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: 0.000 min
Response: 3337822
Conc: 20.84 ug/ml



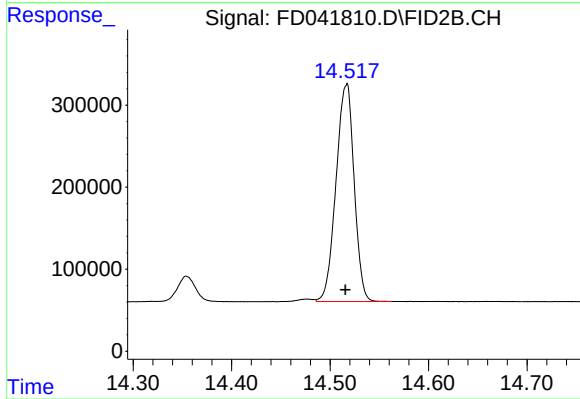
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: -0.002 min
Response: 2871970
Conc: 20.74 ug/ml



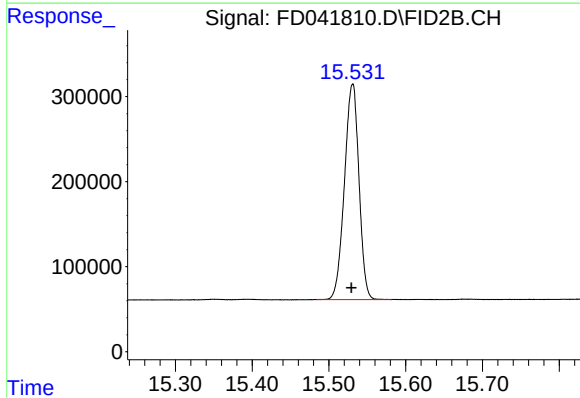
#13 n-Docosane (C22)

R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 3382887
Conc: 21.06 ug/ml



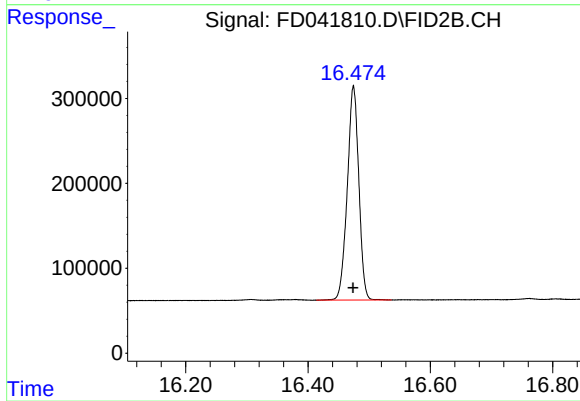
#14 n-Tetracosane (C24)

R.T.: 14.517 min
Delta R.T.: 0.001 min
Response: 3390317
Conc: 20.97 ug/ml



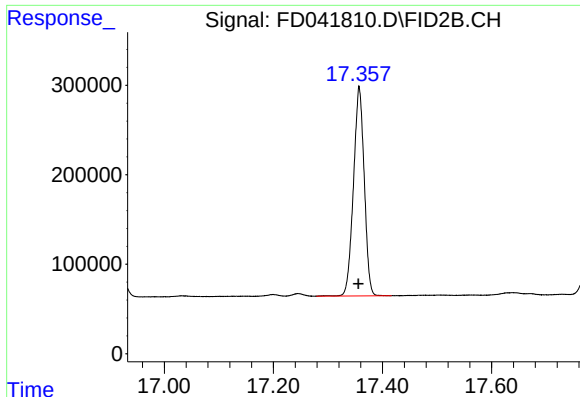
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.002 min
Response: 3333182
Conc: 20.64 ug/ml



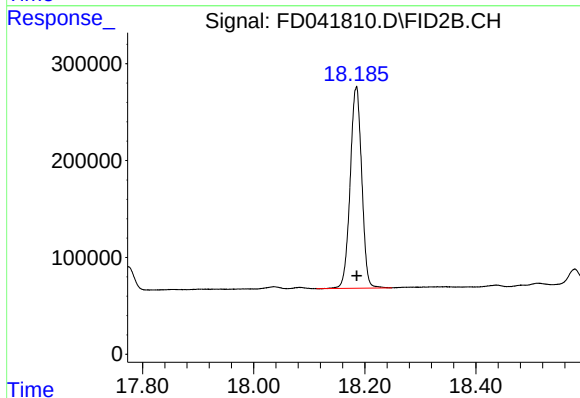
#16 n-Octacosane (C28)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 3296533
Conc: 20.48 ug/ml



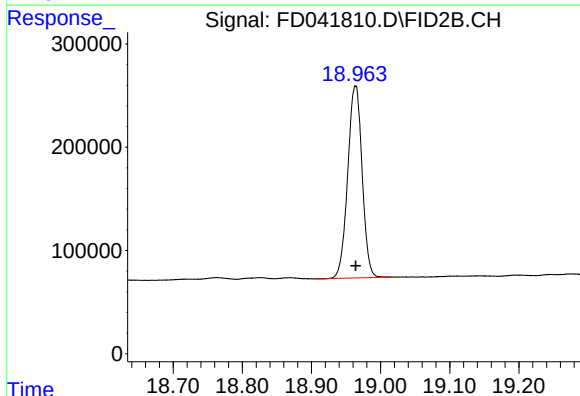
#17 n-Tricontane (C30)

R.T.: 17.357 min
Delta R.T.: 0.002 min
Response: 3206242
Conc: 20.35 ug/ml



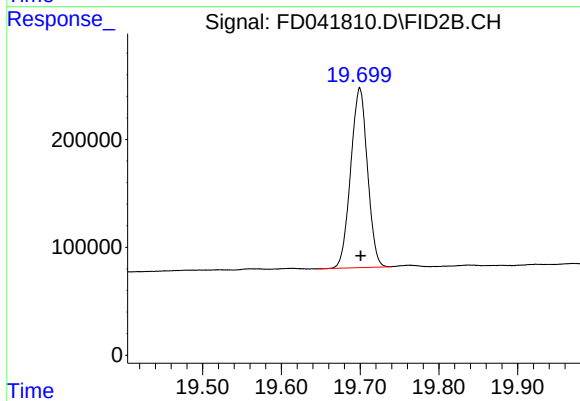
#18 n-Dotriacontane (C32)

R.T.: 18.185 min
Delta R.T.: 0.000 min
Response: 2999401
Conc: 20.21 ug/ml



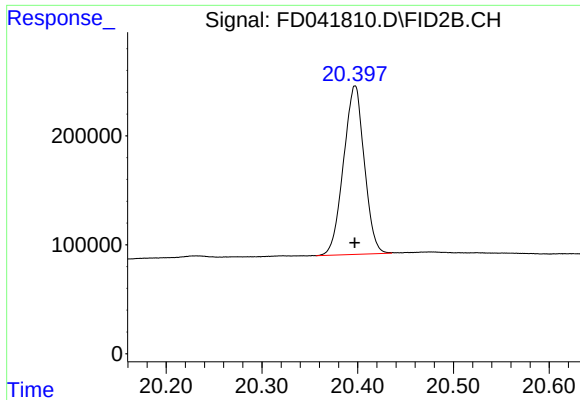
#19 n-Tetratriacontane (C34)

R.T.: 18.964 min
Delta R.T.: 0.000 min
Response: 2687723
Conc: 20.06 ug/ml



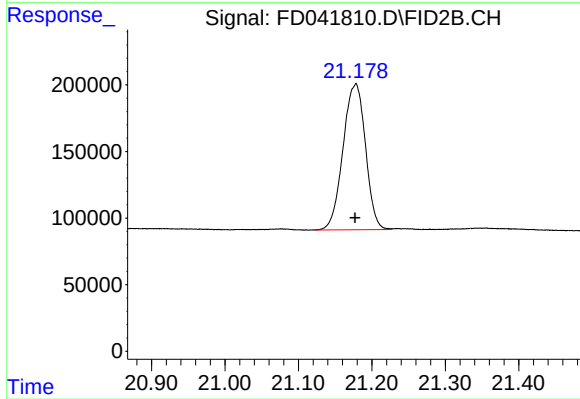
#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 2463249
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.397 min
Delta R.T.: 0.000 min
Response: 2344338
Conc: 21.18 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.178 min
Delta R.T.: 0.001 min
Response: 2327316
Conc: 21.62 ug/ml m