

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030422AL\
 Data File : FD041391.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2022 12:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 23:03:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.241	3167644	18.261 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
12) S 1-chlorooctadecane (S...	12.680	2528306	18.675 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.107	2693516	18.497 ug/ml
2) T n-Decane (C10)	4.152	2721470	18.848 ug/ml
3) T A~Naphthalene (C11.7)	5.702	2943195	18.424 ug/ml
4) T n-Dodecane (C12)	6.148	2750336	18.570 ug/ml
5) T A~2-methylnaphthalene...	6.747	2969330	18.555 ug/ml
6) T n-Tetradecane (C14)	7.925	2795162	18.671 ug/ml
7) T n-Hexadecane (C16)	9.513	2830500	18.593 ug/ml
8) T n-Octadecane (C18)	10.943	2857520	18.385 ug/ml
10) T n-Eicosane (C20)	12.244	2883921	18.577 ug/ml
11) T n-Heneicosane (C21)	12.851	2838458	18.127 ug/ml
13) T n-Docosane (C22)	13.434	2945431	18.807 ug/ml
14) T n-Tetracosane (C24)	14.530	3042808	19.399 ug/ml
15) T n-Hexacosane (C26)	15.545	3041669	19.797 ug/ml
16) T n-Octacosane (C28)	16.489	3124176	20.992 ug/ml
17) T n-Tricontane (C30)	17.372	3191273	22.681 ug/ml
18) T n-Dotriacontane (C32)	18.200	3068525	24.119 ug/ml
19) T n-Tetratriacontane (C34)	18.978	2648551	23.254 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2356627	22.993 ug/ml
21) T n-Octatriacontane (C38)	20.412	2150370	22.649 ug/ml
22) T n-Tetracontane (C40)	21.196	2075227	21.897 ug/ml

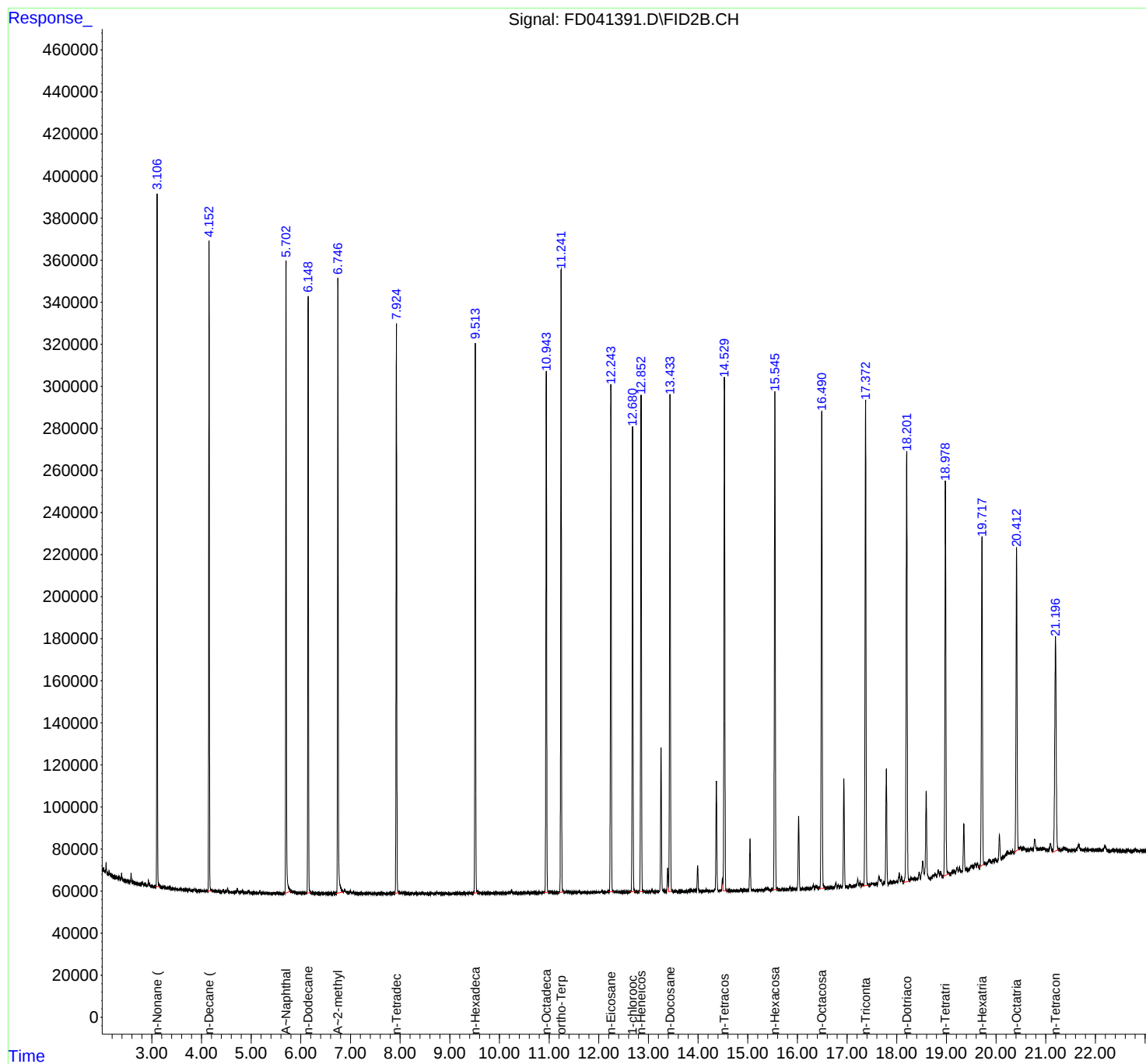
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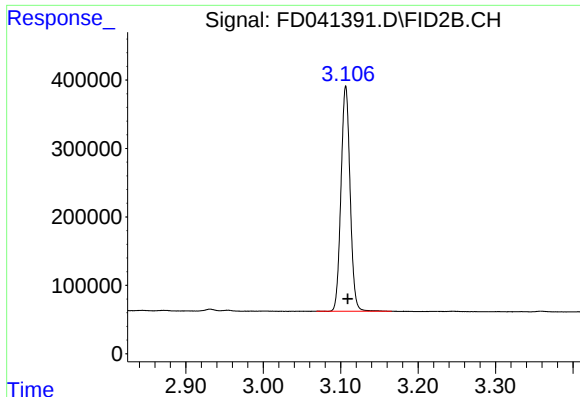
(m)=manual int.

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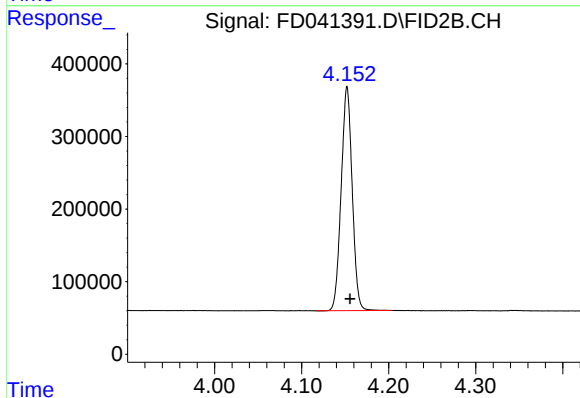
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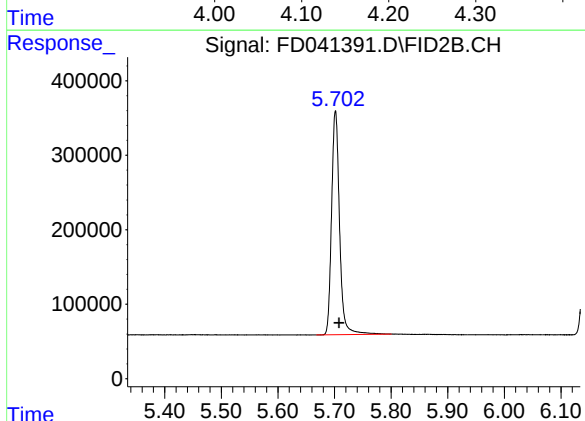
#1 n-Nonane (C9)

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 2693516
Conc: 18.50 ug/ml



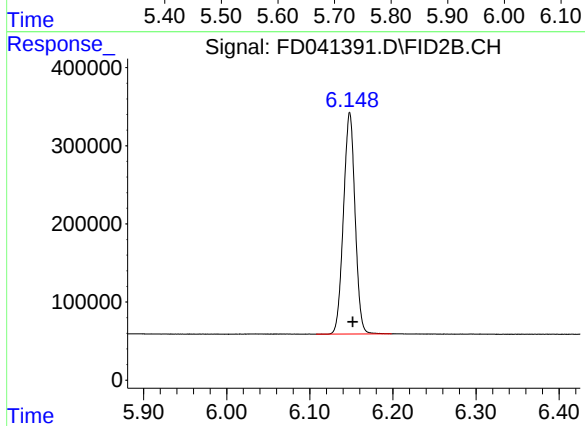
#2 n-Decane (C10)

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 2721470
Conc: 18.85 ug/ml



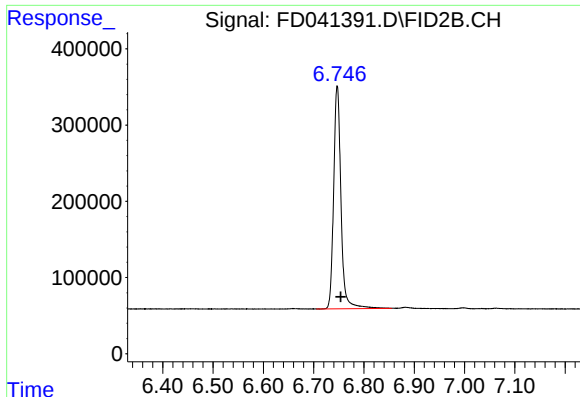
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 2943195
Conc: 18.42 ug/ml



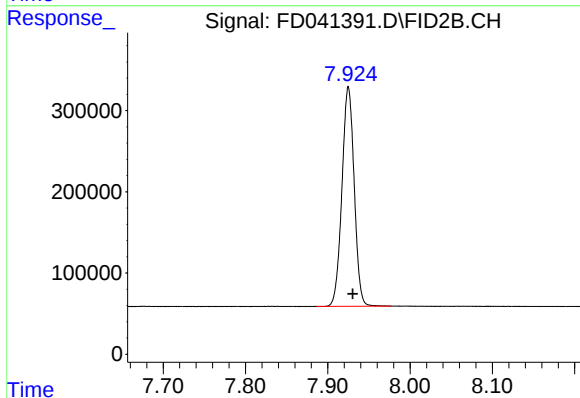
#4 n-Dodecane (C12)

R.T.: 6.148 min
Delta R.T.: -0.004 min
Response: 2750336
Conc: 18.57 ug/ml



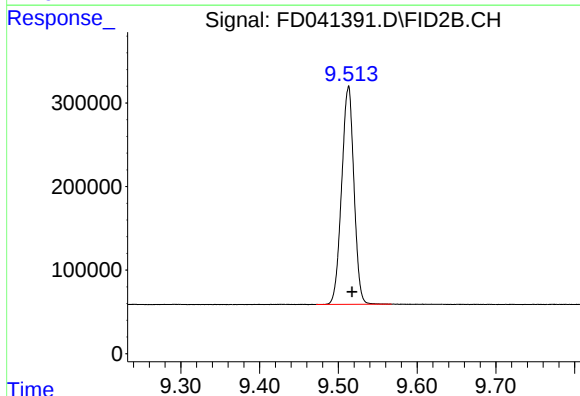
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2969330
Conc: 18.55 ug/ml



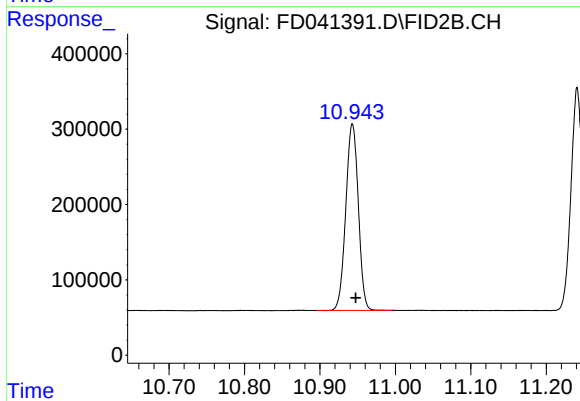
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 2795162
Conc: 18.67 ug/ml



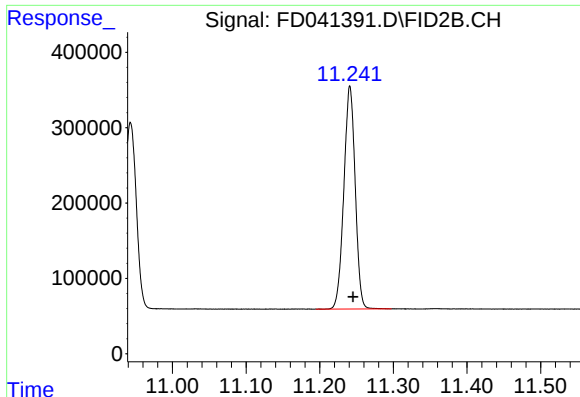
#7 n-Hexadecane (C16)

R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 2830500
Conc: 18.59 ug/ml



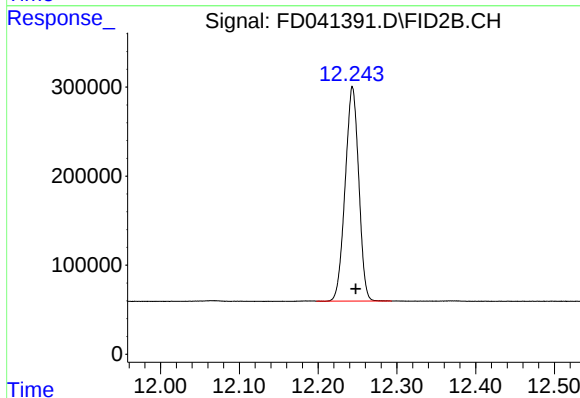
#8 n-Octadecane (C18)

R.T.: 10.943 min
Delta R.T.: -0.004 min
Response: 2857520
Conc: 18.38 ug/ml



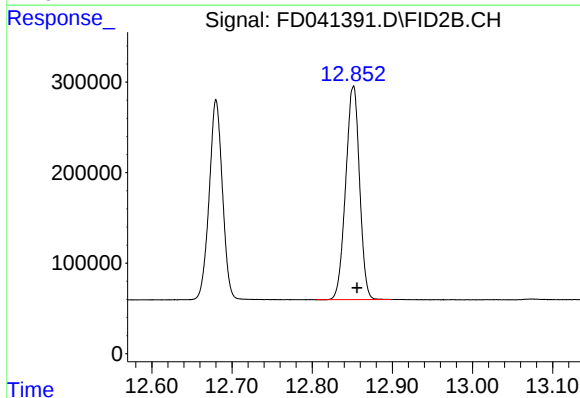
#9 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: -0.005 min
Response: 3167644
Conc: 18.26 ug/ml



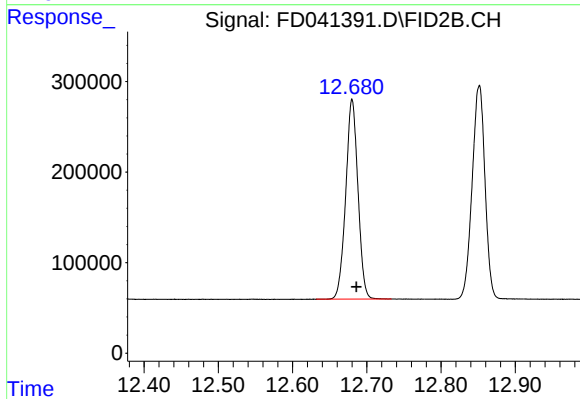
#10 n-Eicosane (C20)

R.T.: 12.244 min
Delta R.T.: -0.004 min
Response: 2883921
Conc: 18.58 ug/ml



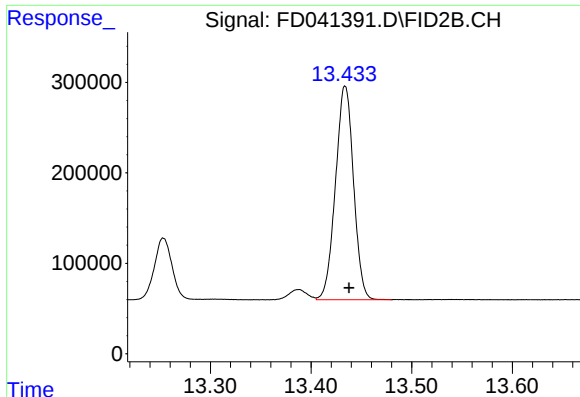
#11 n-Heneicosane (C21)

R.T.: 12.851 min
Delta R.T.: -0.004 min
Response: 2838458
Conc: 18.13 ug/ml



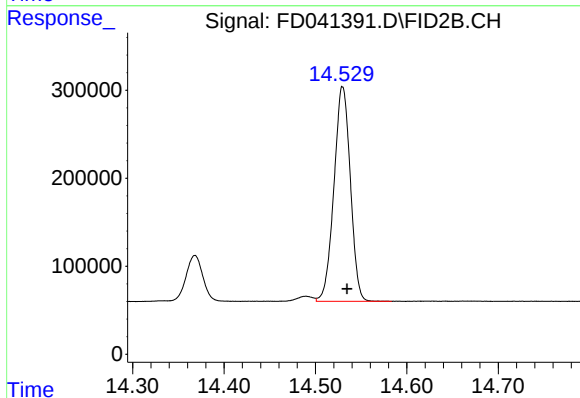
#12 1-chlorooctadecane (SURR)

R.T.: 12.680 min
Delta R.T.: -0.006 min
Response: 2528306
Conc: 18.67 ug/ml



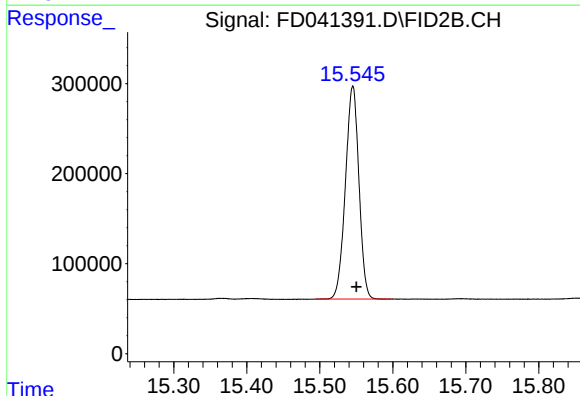
#13 n-Docosane (C22)

R.T.: 13.434 min
Delta R.T.: -0.004 min
Response: 2945431
Conc: 18.81 ug/ml



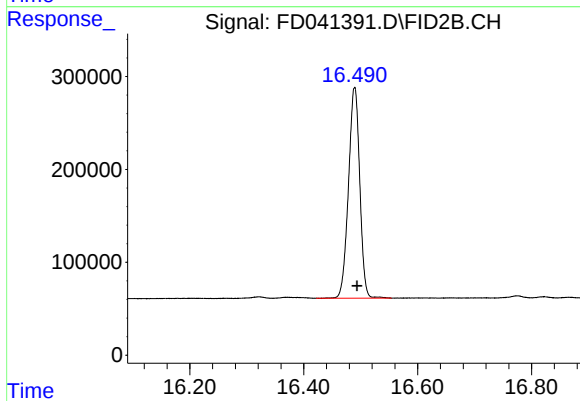
#14 n-Tetracosane (C24)

R.T.: 14.530 min
Delta R.T.: -0.005 min
Response: 3042808
Conc: 19.40 ug/ml



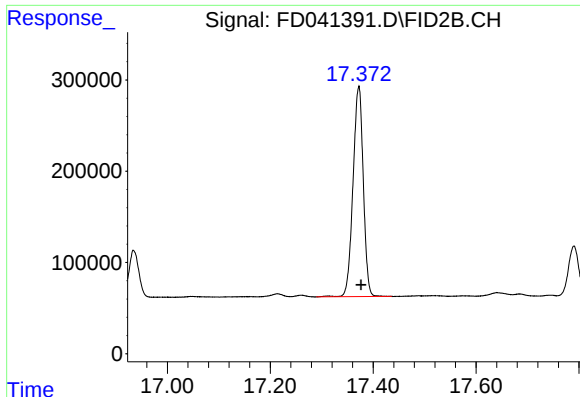
#15 n-Hexacosane (C26)

R.T.: 15.545 min
Delta R.T.: -0.005 min
Response: 3041669
Conc: 19.80 ug/ml



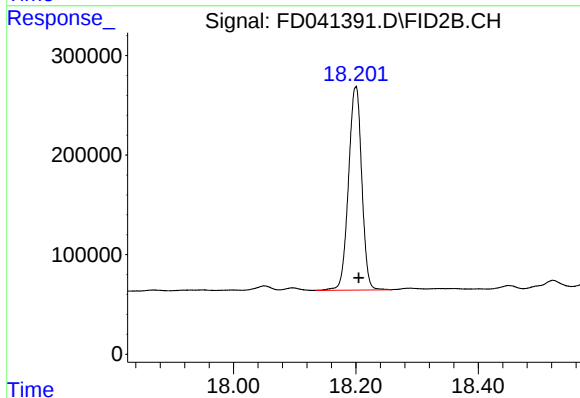
#16 n-Octacosane (C28)

R.T.: 16.489 min
Delta R.T.: -0.005 min
Response: 3124176
Conc: 20.99 ug/ml



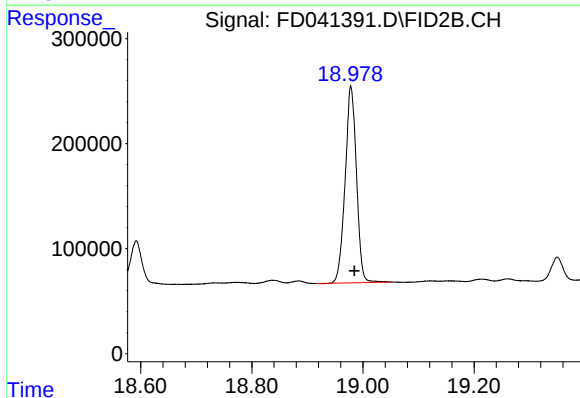
#17 n-Tricontane (C30)

R.T.: 17.372 min
Delta R.T.: -0.004 min
Response: 3191273
Conc: 22.68 ug/ml



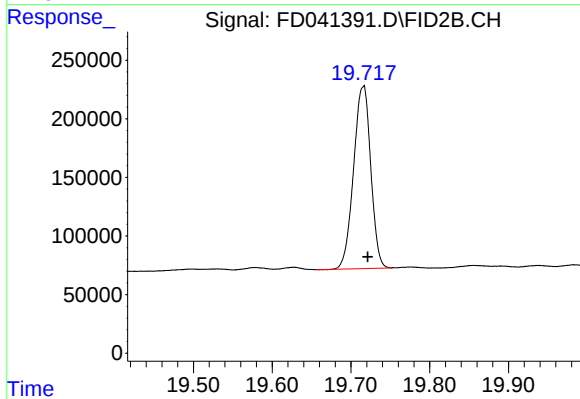
#18 n-Dotriacontane (C32)

R.T.: 18.200 min
Delta R.T.: -0.005 min
Response: 3068525
Conc: 24.12 ug/ml



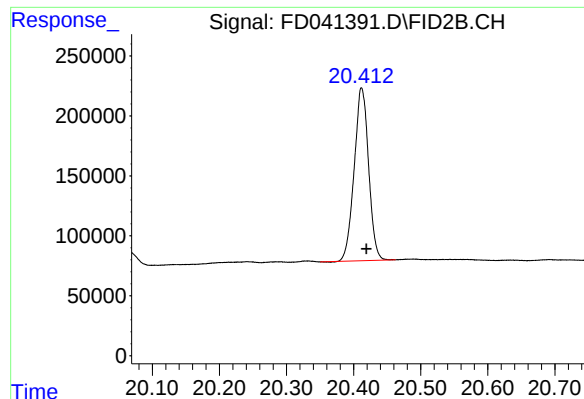
#19 n-Tetratriacontane (C34)

R.T.: 18.978 min
Delta R.T.: -0.007 min
Response: 2648551
Conc: 23.25 ug/ml



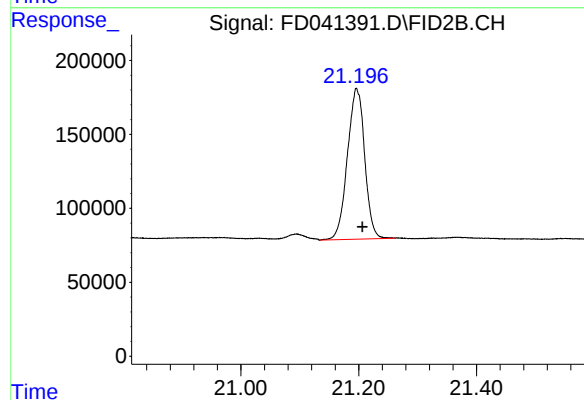
#20 n-Hexatriacontane (C36)

R.T.: 19.716 min
Delta R.T.: -0.006 min
Response: 2356627
Conc: 22.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.412 min
Delta R.T.: -0.007 min
Response: 2150370
Conc: 22.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.196 min
Delta R.T.: -0.010 min
Response: 2075227
Conc: 21.90 ug/ml