

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032522AL\
 Data File : FD041750.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2022 9:24
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 26 09:54:45 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)	11.233	2994999	16.889 ug/ml
Spiked Amount 50.000		Recovery =	33.78%
12) S 1-chlorooctadecane (S...	12.673	2318570	16.744 ug/ml
Spiked Amount 50.000		Recovery =	33.49%
Target Compounds			
1) T n-Nonane (C9)	3.092	2579292	17.534 ug/ml
2) T n-Decane (C10)	4.140	2559650	17.529 ug/ml
3) T A~Naphthalene (C11.7)	5.692	2758170	17.657 ug/ml
4) T n-Dodecane (C12)	6.138	2644332	17.555 ug/ml
5) T A~2-methylnaphthalene...	6.739	2766073	17.782 ug/ml
6) T n-Tetradecane (C14)	7.915	2655970	17.436 ug/ml
7) T n-Hexadecane (C16)	9.504	2671539	17.326 ug/ml
8) T n-Octadecane (C18)	10.935	2705530	17.172 ug/ml
10) T n-Eicosane (C20)	12.235	2676670	16.920 ug/ml
11) T n-Heneicosane (C21)	12.844	2682394	16.751 ug/ml
13) T n-Docosane (C22)	13.427	2671519	16.634 ug/ml
14) T n-Tetracosane (C24)	14.524	2632567	16.286 ug/ml
15) T n-Hexacosane (C26)	15.539	2570131	15.913 ug/ml
16) T n-Octacosane (C28)	16.483	2494477	15.496 ug/ml
17) T n-Tricontane (C30)	17.367	2405452	15.264 ug/ml
18) T n-Dotriacontane (C32)	18.194	2292545	15.449 ug/ml
19) T n-Tetratriacontane (C34)	18.975	2145368	16.012 ug/ml
20) T n-Hexatriacontane (C36)	19.710	1993101	16.645 ug/ml
21) T n-Octatriacontane (C38)	20.405	2036416	18.399 ug/mlm
22) T n-Tetracontane (C40)	21.192	1996380	18.543 ug/ml

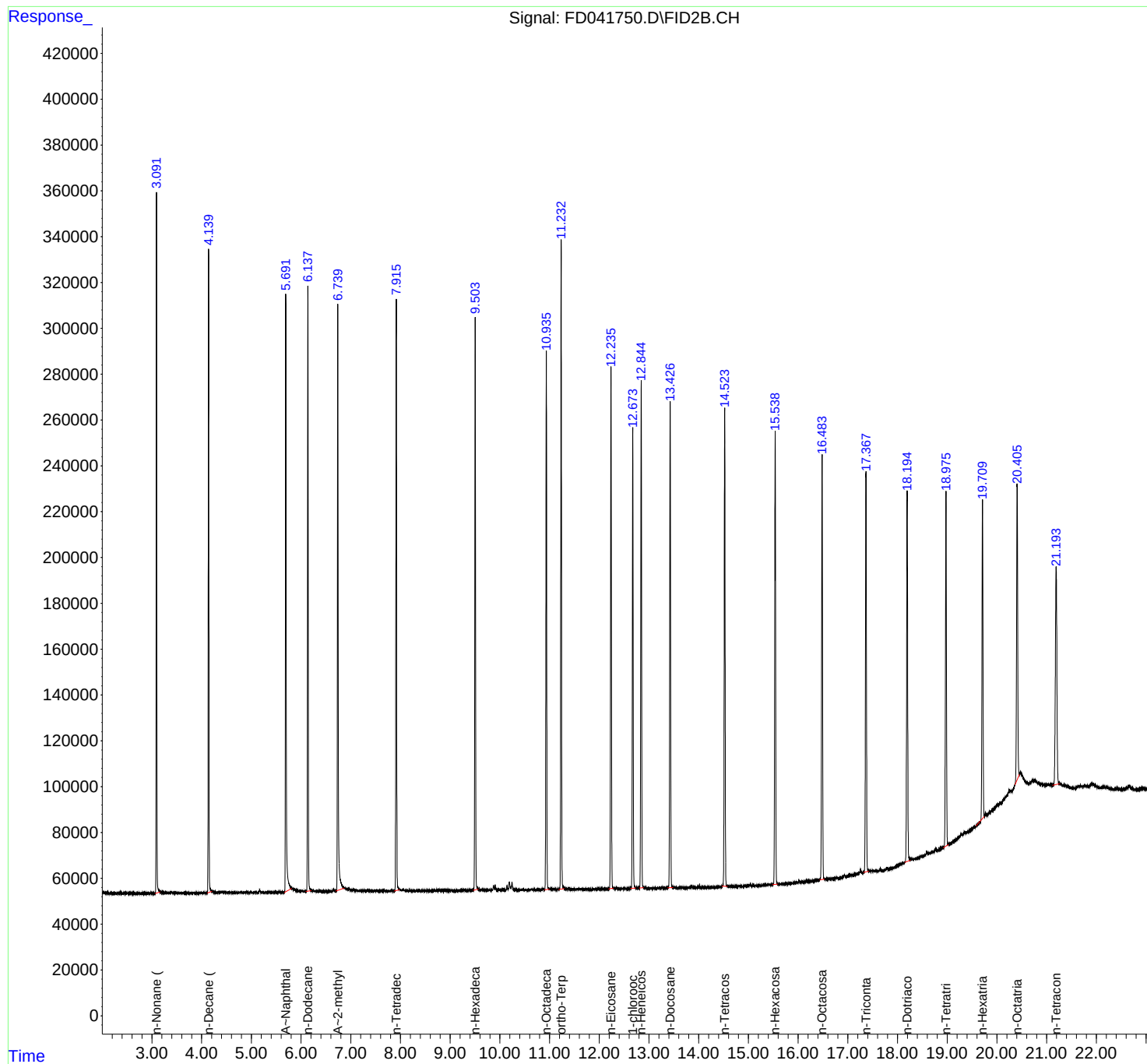
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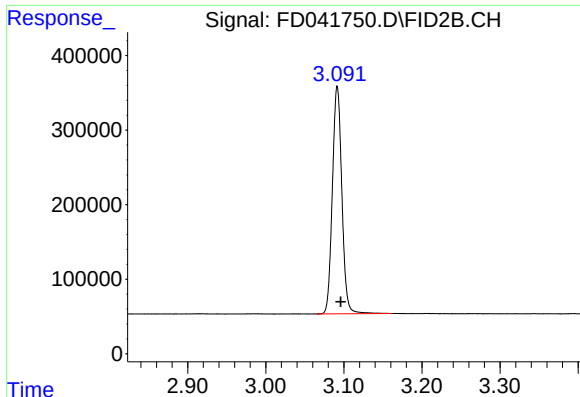
(m)=manual int.

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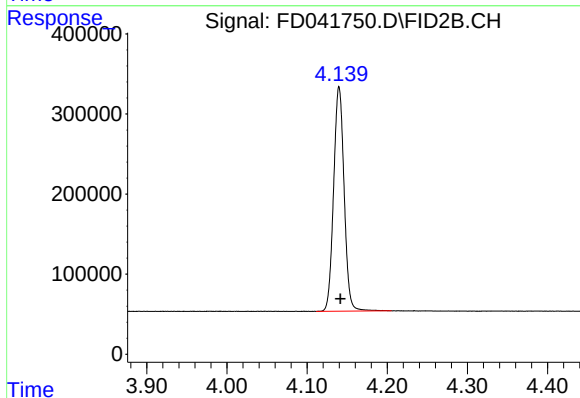
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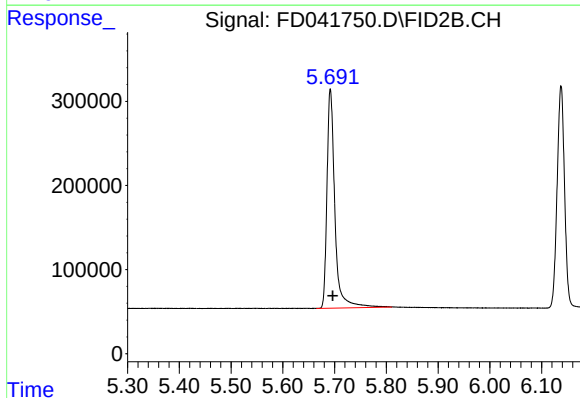
#1 n-Nonane (C9)

R.T.: 3.092 min
Delta R.T.: -0.004 min
Response: 2579292
Conc: 17.53 ug/ml



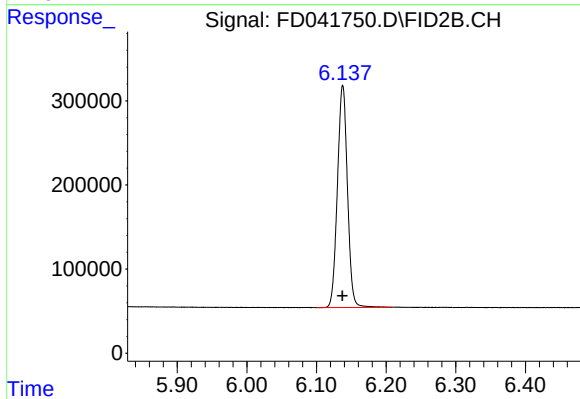
#2 n-Decane (C10)

R.T.: 4.140 min
Delta R.T.: -0.002 min
Response: 2559650
Conc: 17.53 ug/ml



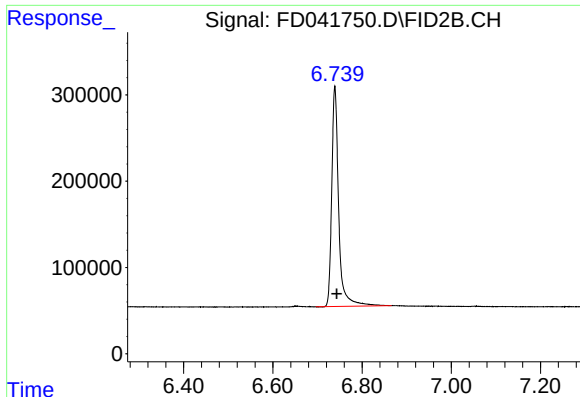
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 2758170
Conc: 17.66 ug/ml



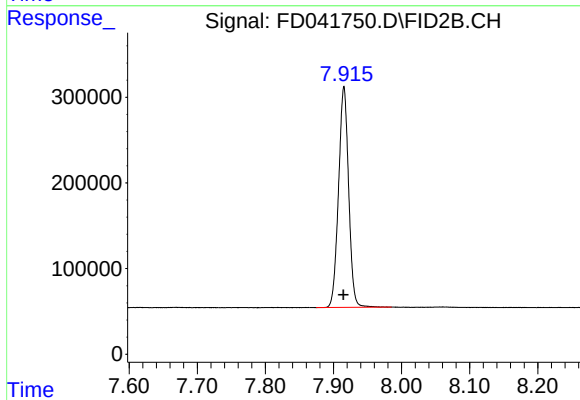
#4 n-Dodecane (C12)

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2644332
Conc: 17.55 ug/ml



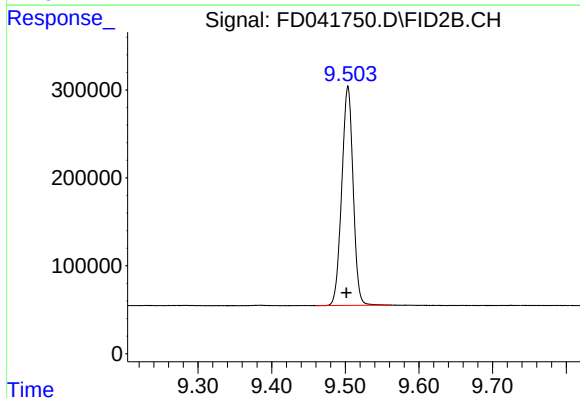
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 2766073
Conc: 17.78 ug/ml



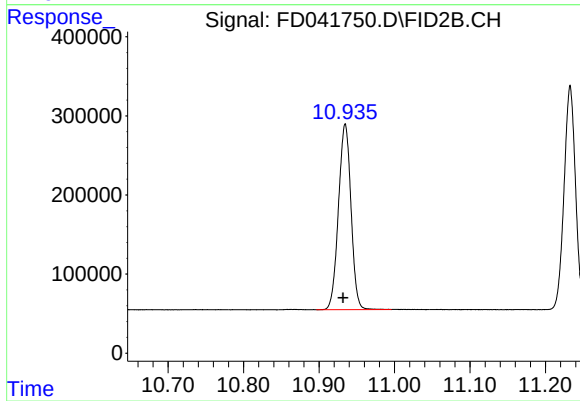
#6 n-Tetradecane (C14)

R.T.: 7.915 min
Delta R.T.: 0.001 min
Response: 2655970
Conc: 17.44 ug/ml



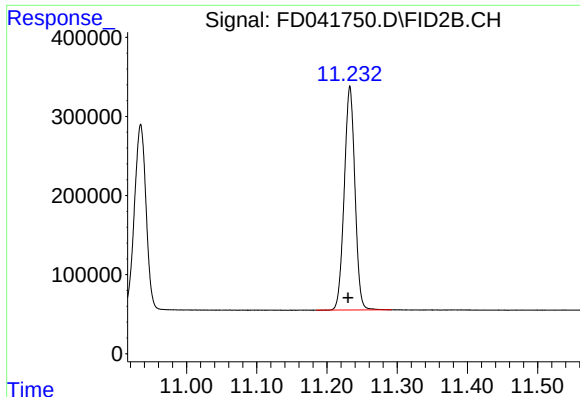
#7 n-Hexadecane (C16)

R.T.: 9.504 min
Delta R.T.: 0.002 min
Response: 2671539
Conc: 17.33 ug/ml



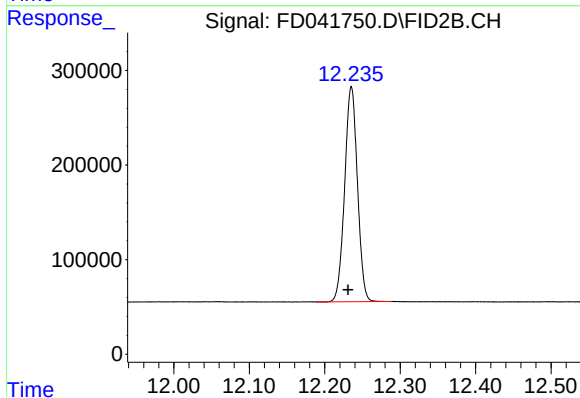
#8 n-Octadecane (C18)

R.T.: 10.935 min
Delta R.T.: 0.003 min
Response: 2705530
Conc: 17.17 ug/ml



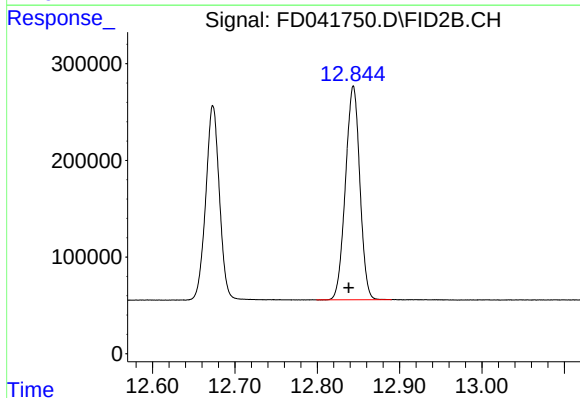
#9 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.003 min
Response: 2994999
Conc: 16.89 ug/ml



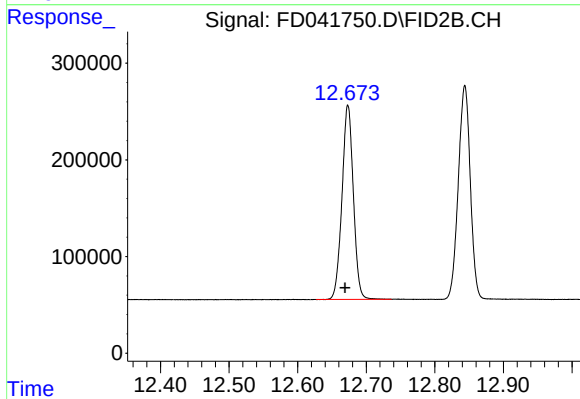
#10 n-Eicosane (C20)

R.T.: 12.235 min
Delta R.T.: 0.004 min
Response: 2676670
Conc: 16.92 ug/ml



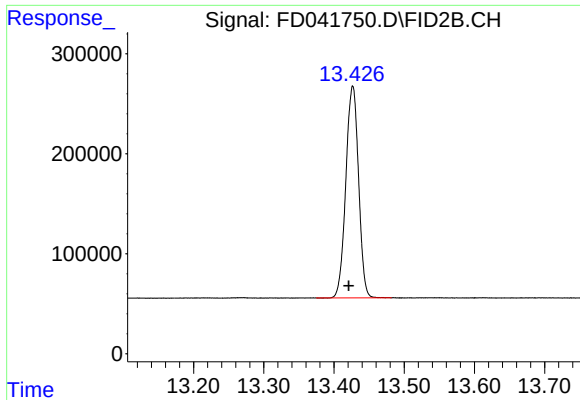
#11 n-Heneicosane (C21)

R.T.: 12.844 min
Delta R.T.: 0.006 min
Response: 2682394
Conc: 16.75 ug/ml



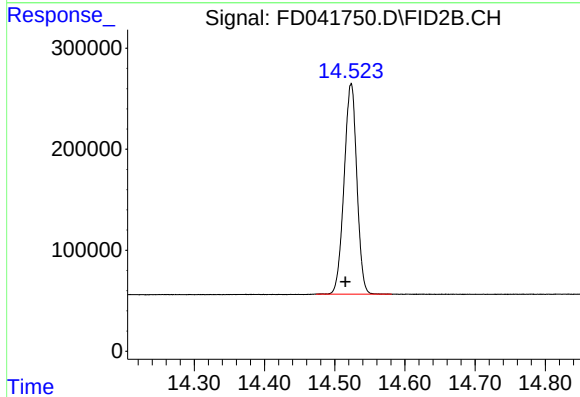
#12 1-chlorooctadecane (SURR)

R.T.: 12.673 min
Delta R.T.: 0.004 min
Response: 2318570
Conc: 16.74 ug/ml



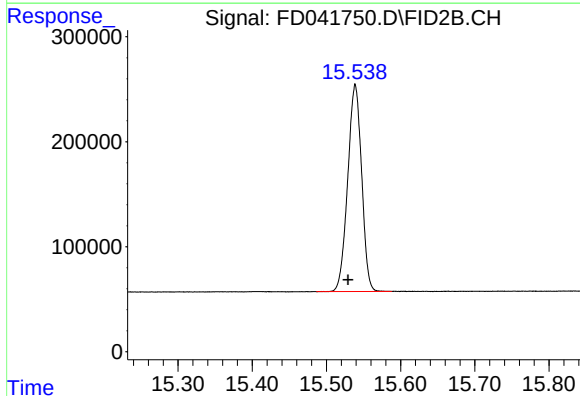
#13 n-Docosane (C22)

R.T.: 13.427 min
Delta R.T.: 0.006 min
Response: 2671519
Conc: 16.63 ug/ml



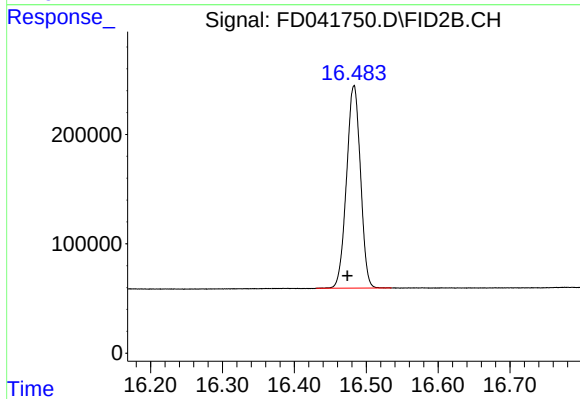
#14 n-Tetracosane (C24)

R.T.: 14.524 min
Delta R.T.: 0.008 min
Response: 2632567
Conc: 16.29 ug/ml



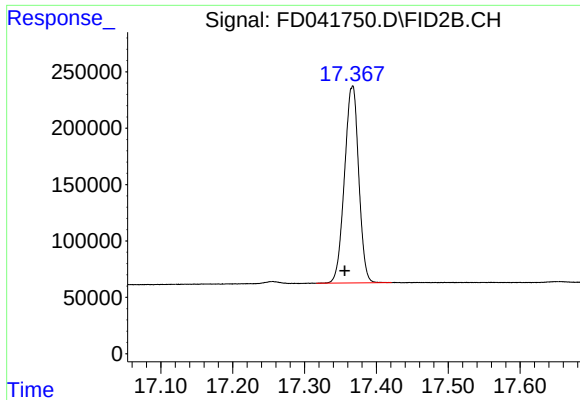
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: 0.010 min
Response: 2570131
Conc: 15.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.483 min
Delta R.T.: 0.009 min
Response: 2494477
Conc: 15.50 ug/ml



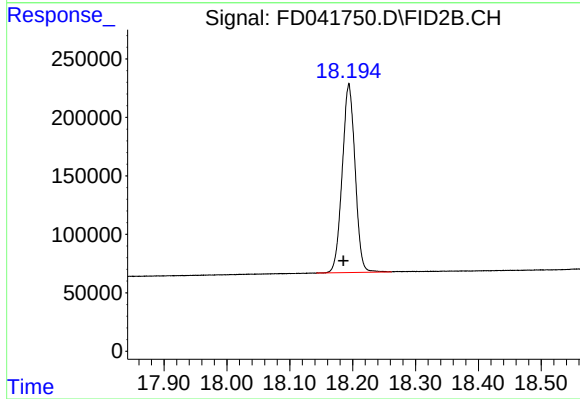
#17 n-Tricontane (C30)

R.T.: 17.367 min

Delta R.T.: 0.011 min

Response: 2405452

Conc: 15.26 ug/ml



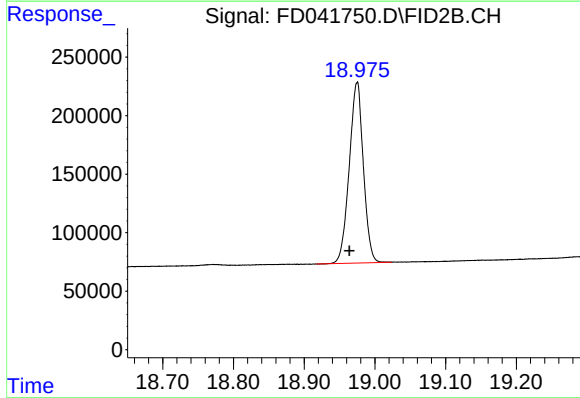
#18 n-Dotriacontane (C32)

R.T.: 18.194 min

Delta R.T.: 0.009 min

Response: 2292545

Conc: 15.45 ug/ml



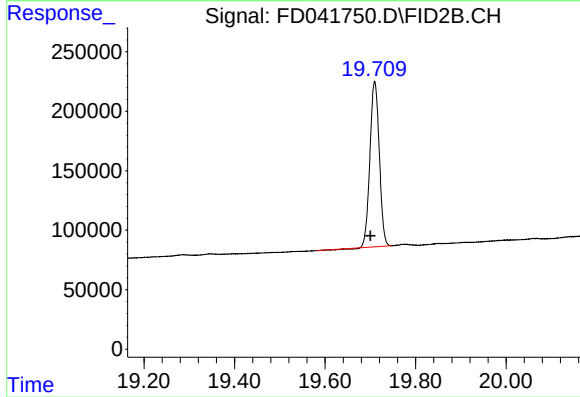
#19 n-Tetratriacontane (C34)

R.T.: 18.975 min

Delta R.T.: 0.011 min

Response: 2145368

Conc: 16.01 ug/ml



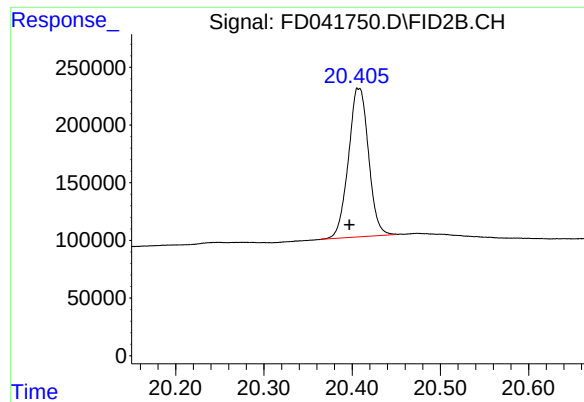
#20 n-Hexatriacontane (C36)

R.T.: 19.710 min

Delta R.T.: 0.009 min

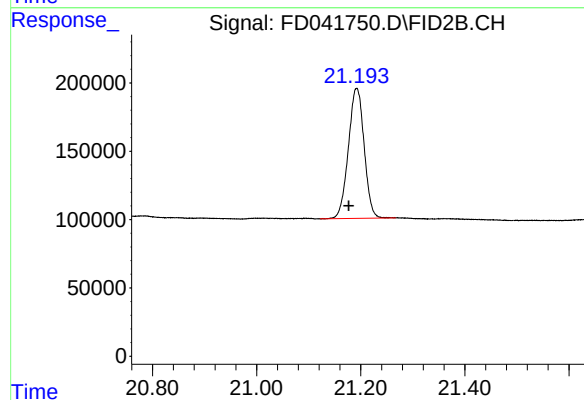
Response: 1993101

Conc: 16.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.008 min
Response: 2036416
Conc: 18.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.192 min
Delta R.T.: 0.015 min
Response: 1996380
Conc: 18.54 ug/ml