

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030822AL\
 Data File : FD041447.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2022 2:34
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 03:53:16 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)	11.249	3640259	20.986 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
12) S 1-chlorooctadecane (S...	12.690	2819871	20.829 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
Target Compounds			
1) T n-Nonane (C9)	3.107	3301571	22.673 ug/ml
2) T n-Decane (C10)	4.154	3298735	22.846 ug/ml
3) T A~Naphthalene (C11.7)	5.708	3670193	22.975 ug/ml
4) T n-Dodecane (C12)	6.153	3395953	22.929 ug/ml
5) T A~2-methylnaphthalene...	6.755	3709935	23.183 ug/ml
6) T n-Tetradecane (C14)	7.931	3415935	22.817 ug/ml
7) T n-Hexadecane (C16)	9.519	3417417	22.448 ug/ml
8) T n-Octadecane (C18)	10.950	3397164	21.857 ug/ml
10) T n-Eicosane (C20)	12.252	3296308	21.233 ug/ml
11) T n-Heneicosane (C21)	12.860	3264732	20.850 ug/ml
13) T n-Docosane (C22)	13.443	3205512	20.468 ug/ml
14) T n-Tetracosane (C24)	14.540	3091499	19.710 ug/ml
15) T n-Hexacosane (C26)	15.555	2946343	19.177 ug/ml
16) T n-Octacosane (C28)	16.499	2843347	19.105 ug/ml
17) T n-Tricontane (C30)	17.383	2775895	19.729 ug/ml
18) T n-Dotriacontane (C32)	18.211	2738694	21.526 ug/ml
19) T n-Tetratriacontane (C34)	18.990	2575660	22.614 ug/ml
20) T n-Hexatriacontane (C36)	19.725	3199451	31.216 ug/ml
21) T n-Octatriacontane (C38)	20.424	4908734	51.701 ug/ml
22) T n-Tetracontane (C40)	21.213	2481902	26.188 ug/ml

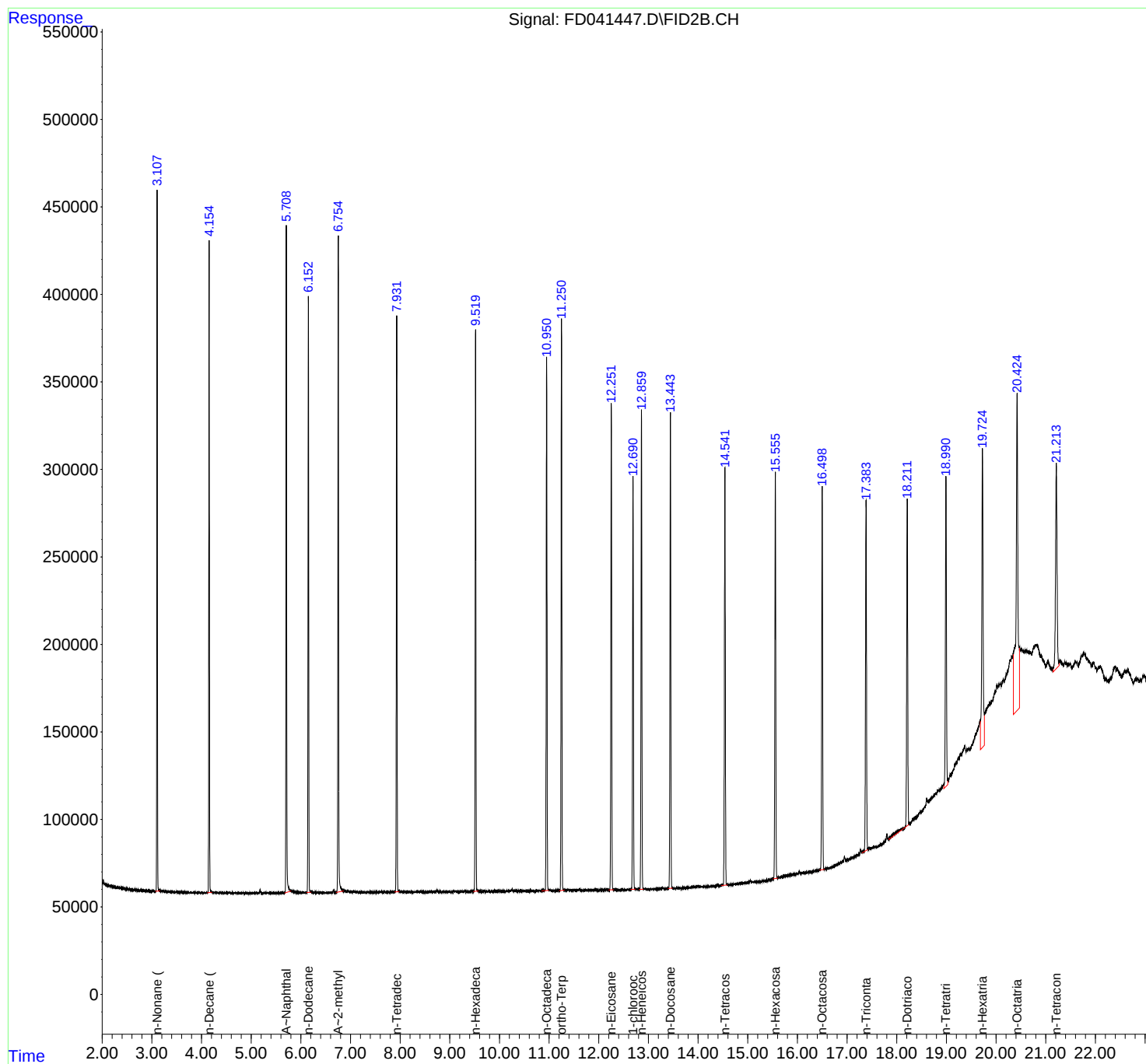
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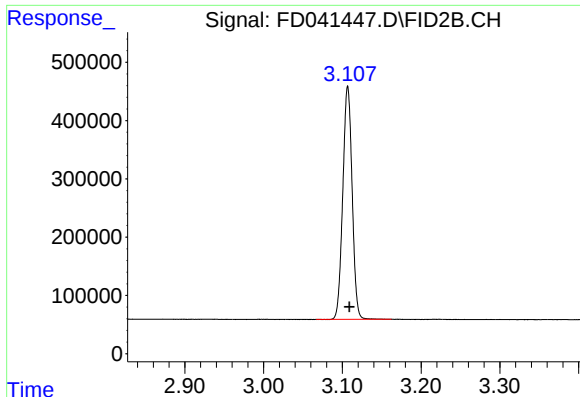
(m)=manual int.

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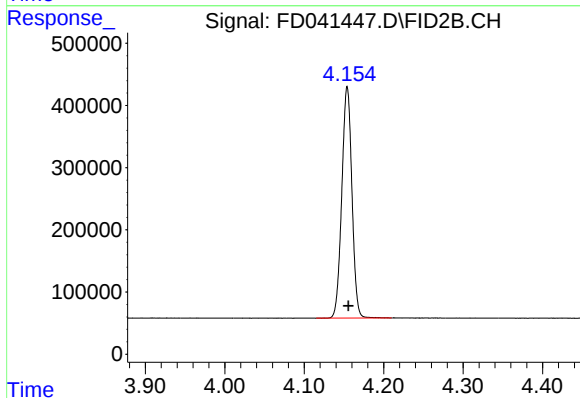
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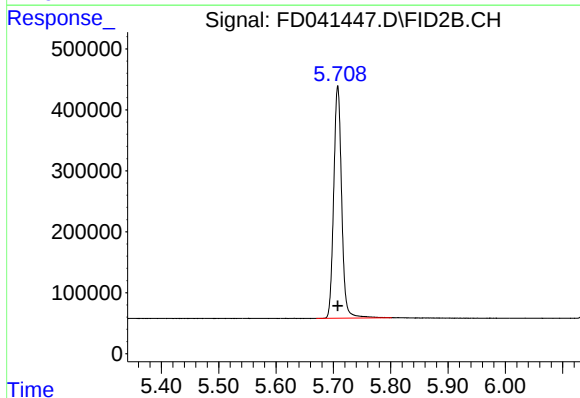
#1 n-Nonane (C9)

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 3301571
Conc: 22.67 ug/ml



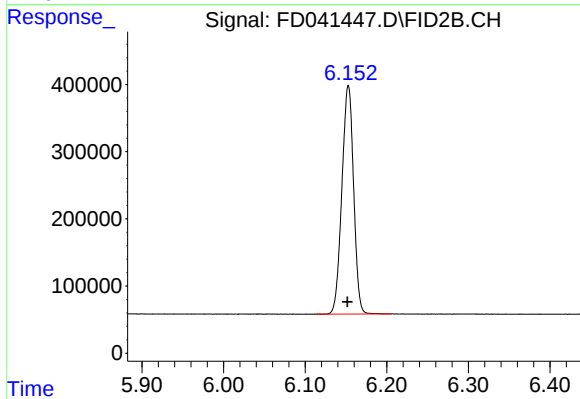
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 3298735
Conc: 22.85 ug/ml



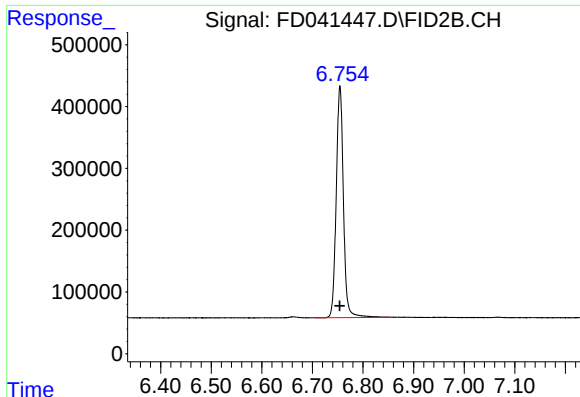
#3 A~Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 3670193
Conc: 22.98 ug/ml



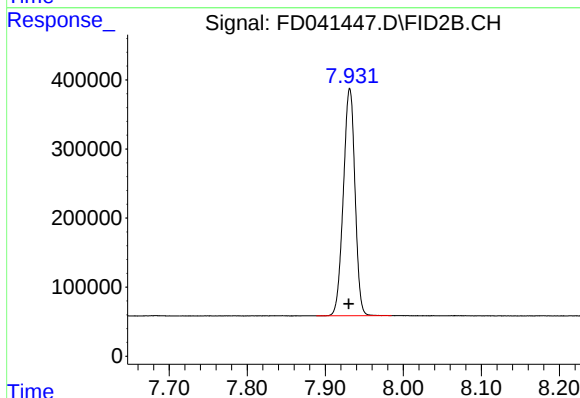
#4 n-Dodecane (C12)

R.T.: 6.153 min
Delta R.T.: 0.001 min
Response: 3395953
Conc: 22.93 ug/ml



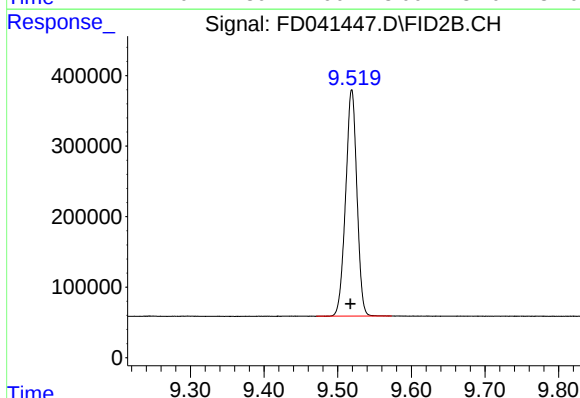
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 3709935
Conc: 23.18 ug/ml



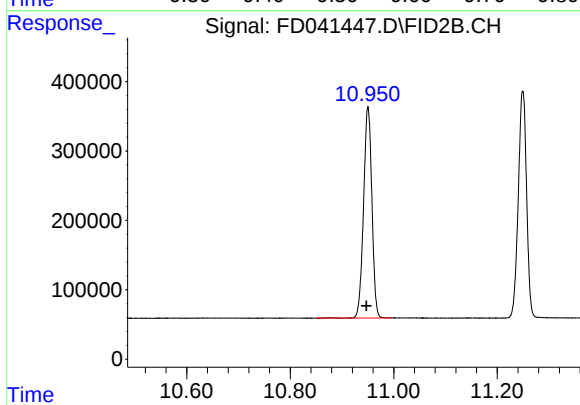
#6 n-Tetradecane (C14)

R.T.: 7.931 min
Delta R.T.: 0.001 min
Response: 3415935
Conc: 22.82 ug/ml



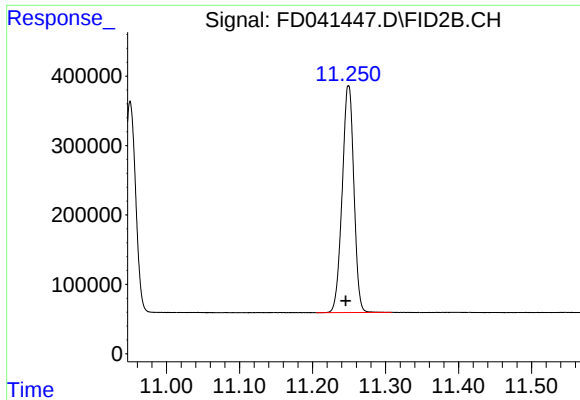
#7 n-Hexadecane (C16)

R.T.: 9.519 min
Delta R.T.: 0.002 min
Response: 3417417
Conc: 22.45 ug/ml



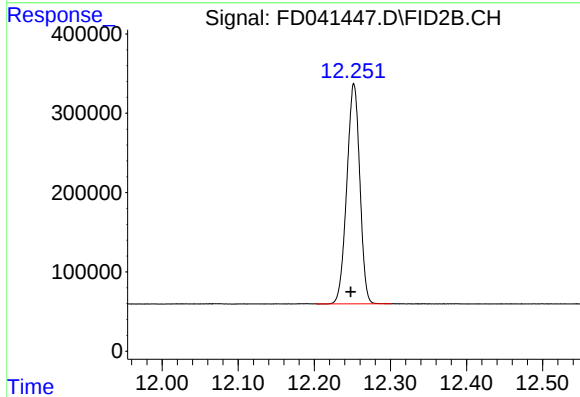
#8 n-Octadecane (C18)

R.T.: 10.950 min
Delta R.T.: 0.003 min
Response: 3397164
Conc: 21.86 ug/ml



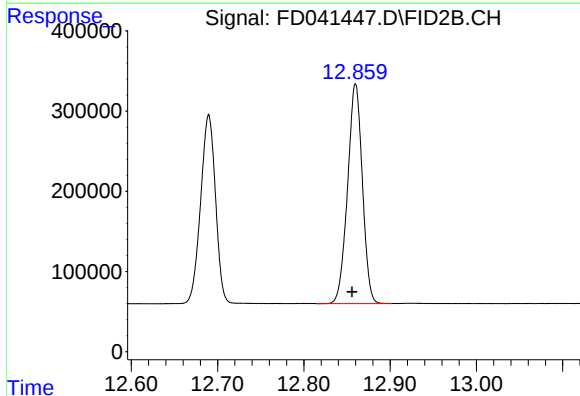
#9 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.004 min
Response: 3640259
Conc: 20.99 ug/ml



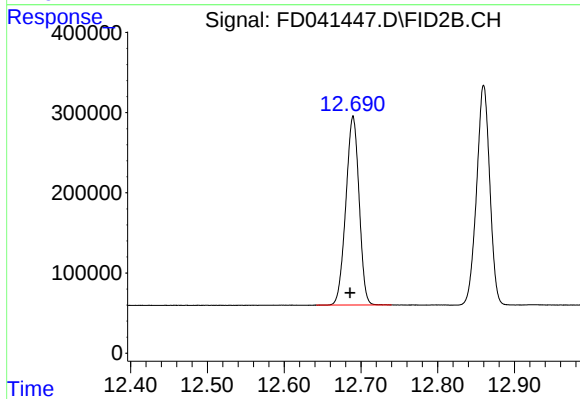
#10 n-Eicosane (C20)

R.T.: 12.252 min
Delta R.T.: 0.004 min
Response: 3296308
Conc: 21.23 ug/ml



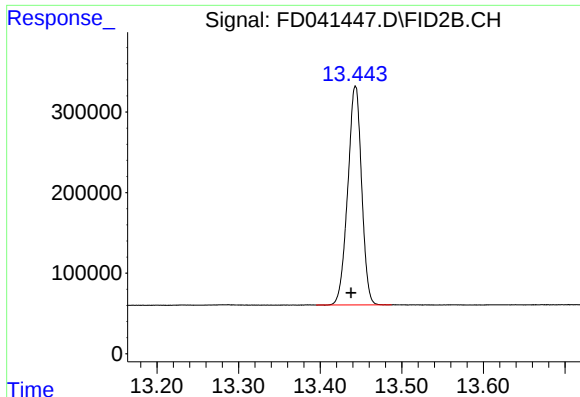
#11 n-Heneicosane (C21)

R.T.: 12.860 min
Delta R.T.: 0.004 min
Response: 3264732
Conc: 20.85 ug/ml



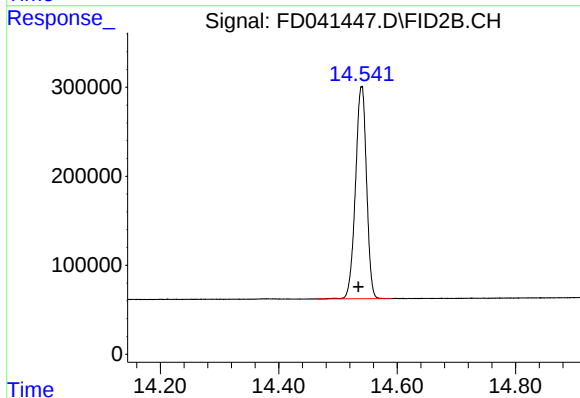
#12 1-chlorooctadecane (SURR)

R.T.: 12.690 min
Delta R.T.: 0.004 min
Response: 2819871
Conc: 20.83 ug/ml



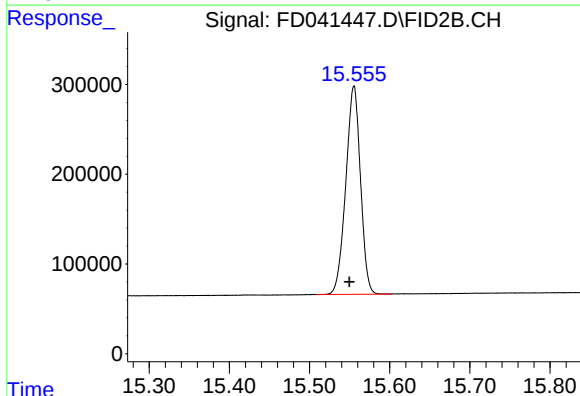
#13 n-Docosane (C22)

R.T.: 13.443 min
Delta R.T.: 0.006 min
Response: 3205512
Conc: 20.47 ug/ml



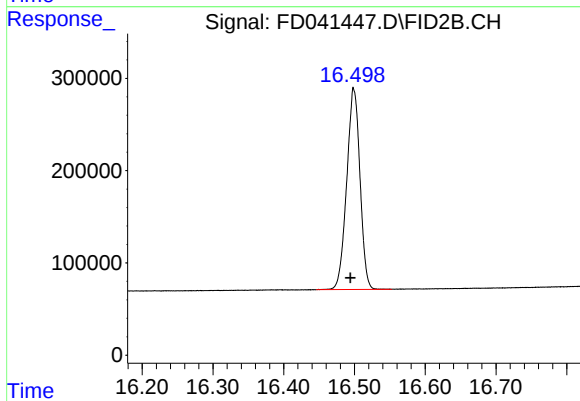
#14 n-Tetracosane (C24)

R.T.: 14.540 min
Delta R.T.: 0.005 min
Response: 3091499
Conc: 19.71 ug/ml



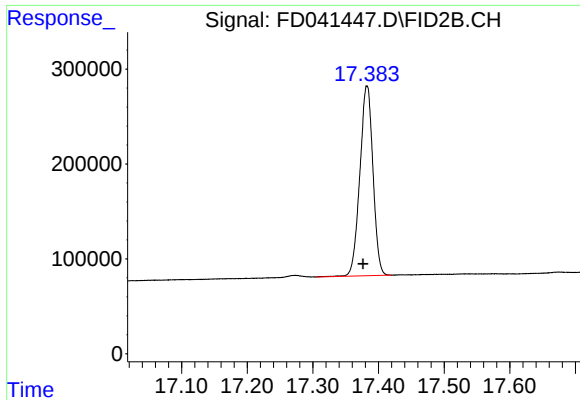
#15 n-Hexacosane (C26)

R.T.: 15.555 min
Delta R.T.: 0.005 min
Response: 2946343
Conc: 19.18 ug/ml



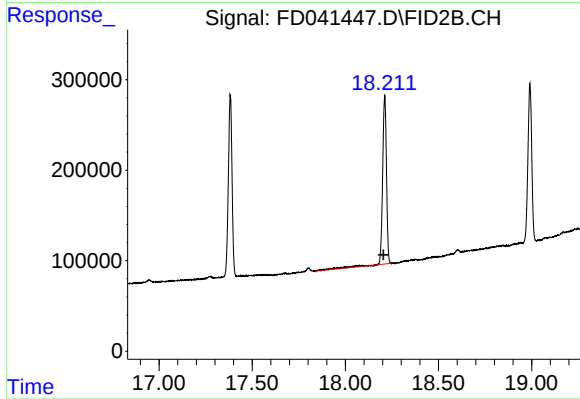
#16 n-Octacosane (C28)

R.T.: 16.499 min
Delta R.T.: 0.005 min
Response: 2843347
Conc: 19.10 ug/ml



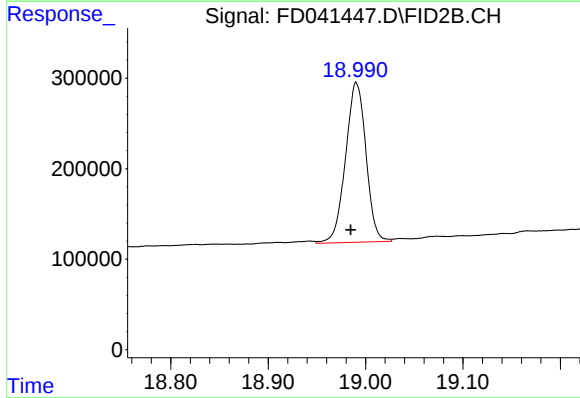
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: 0.006 min
Response: 2775895
Conc: 19.73 ug/ml



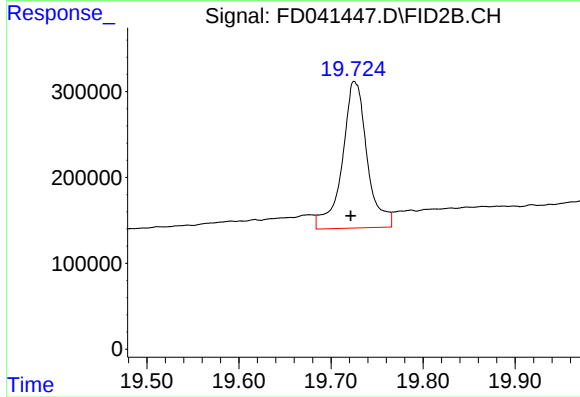
#18 n-Dotriacontane (C32)

R.T.: 18.211 min
Delta R.T.: 0.007 min
Response: 2738694
Conc: 21.53 ug/ml



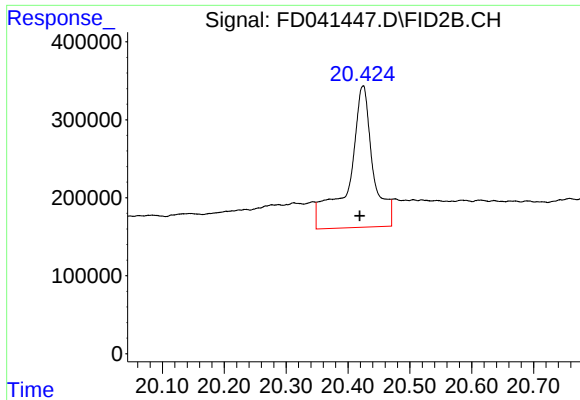
#19 n-Tetratriacontane (C34)

R.T.: 18.990 min
Delta R.T.: 0.006 min
Response: 2575660
Conc: 22.61 ug/ml



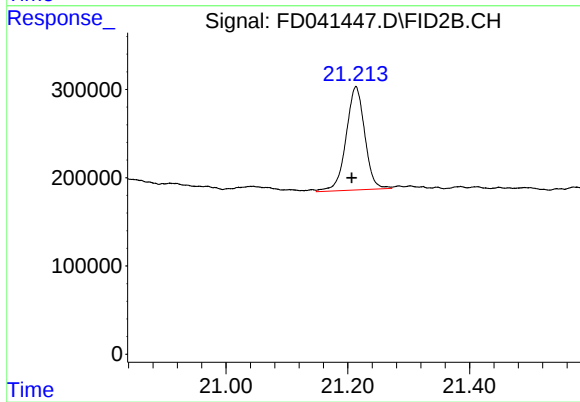
#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.004 min
Response: 3199451
Conc: 31.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.424 min
Delta R.T.: 0.005 min
Response: 4908734
Conc: 51.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.213 min
Delta R.T.: 0.007 min
Response: 2481902
Conc: 26.19 ug/ml