

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030422AL\
 Data File : FD041407.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2022 23:20
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 23:43:54 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)	11.240	3283420	18.929 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	12.680	2620925	19.359 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.105	2775235	19.058 ug/ml
2) T n-Decane (C10)	4.151	2805761	19.431 ug/ml
3) T A~Naphthalene (C11.7)	5.702	3046782	19.073 ug/ml
4) T n-Dodecane (C12)	6.147	2842033	19.189 ug/ml
5) T A~2-methylnaphthalene...	6.747	3074436	19.212 ug/ml
6) T n-Tetradecane (C14)	7.925	2898195	19.359 ug/ml
7) T n-Hexadecane (C16)	9.512	2936974	19.293 ug/ml
8) T n-Octadecane (C18)	10.943	2967516	19.092 ug/ml
10) T n-Eicosane (C20)	12.243	2989455	19.257 ug/ml
11) T n-Heneicosane (C21)	12.851	2948446	18.830 ug/ml
13) T n-Docosane (C22)	13.433	3053394	19.497 ug/ml
14) T n-Tetracosane (C24)	14.529	3155726	20.119 ug/ml
15) T n-Hexacosane (C26)	15.544	3168679	20.624 ug/ml
16) T n-Octacosane (C28)	16.487	3219021	21.629 ug/ml
17) T n-Tricontane (C30)	17.370	3327555	23.649 ug/ml
18) T n-Dotriacontane (C32)	18.198	3211612	25.243 ug/ml
19) T n-Tetratriacontane (C34)	18.976	2795782	24.546 ug/ml
20) T n-Hexatriacontane (C36)	19.713	2440246	23.809 ug/ml
21) T n-Octatriacontane (C38)	20.410	2215312	23.333 ug/ml
22) T n-Tetracontane (C40)	21.193	2129733	22.472 ug/ml

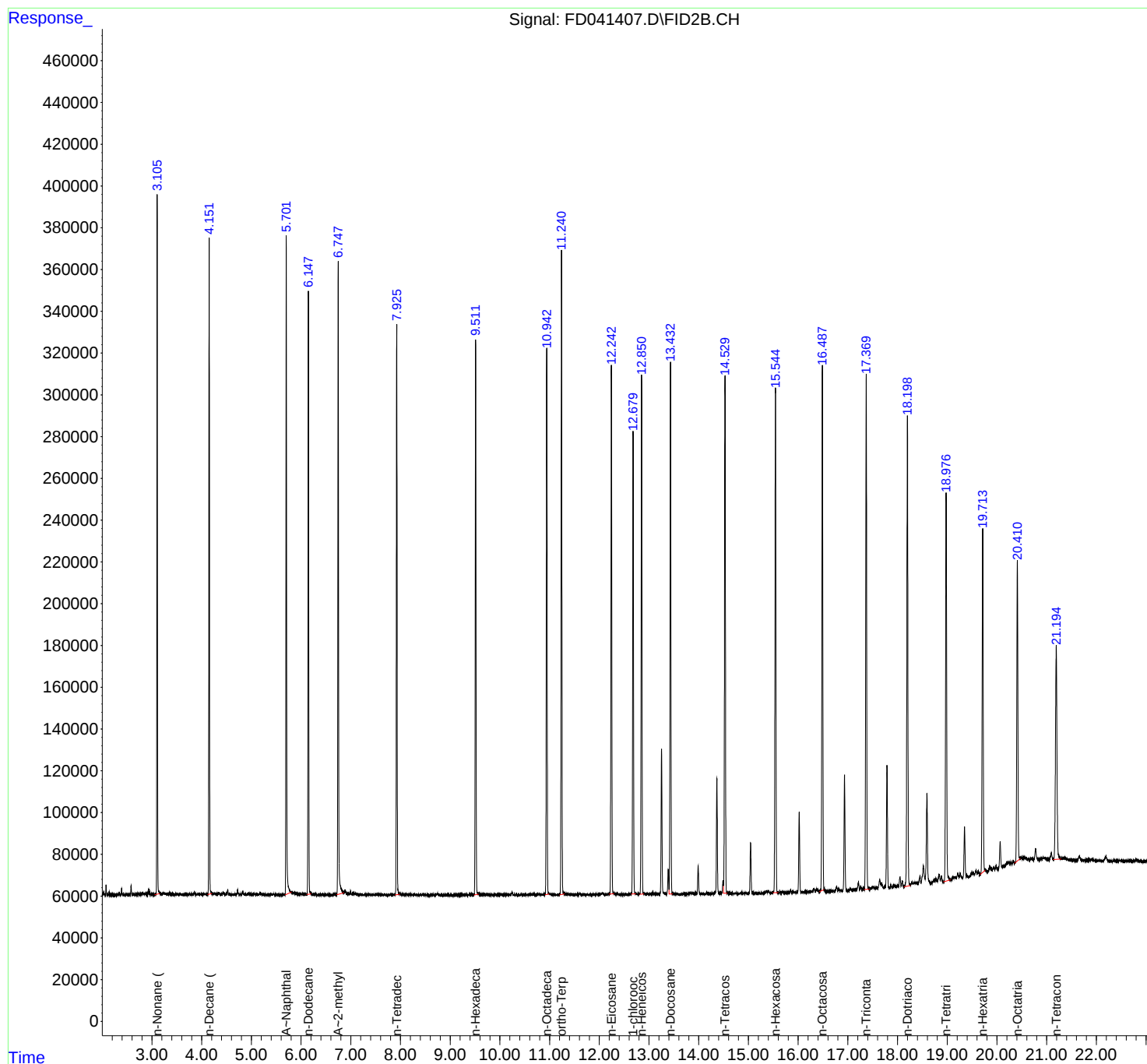
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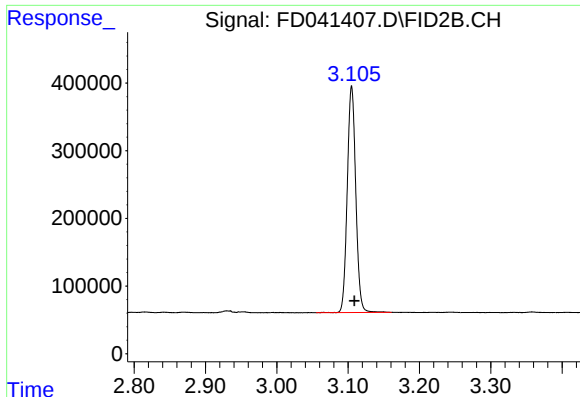
(m)=manual int.

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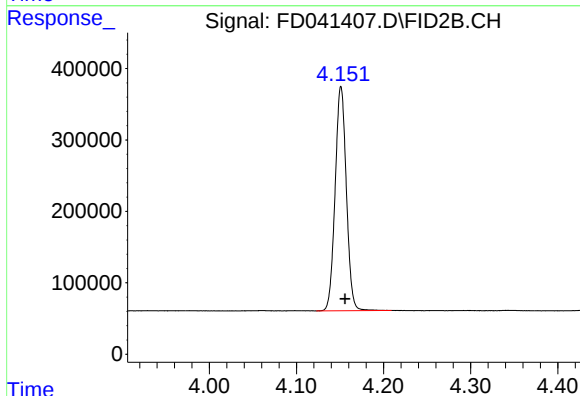
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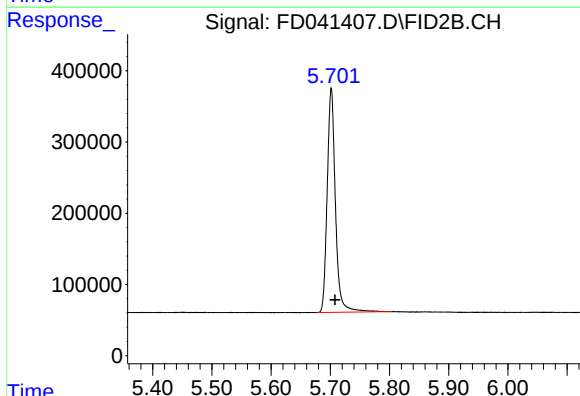
#1 n-Nonane (C9)

R.T.: 3.105 min
Delta R.T.: -0.004 min
Response: 2775235
Conc: 19.06 ug/ml



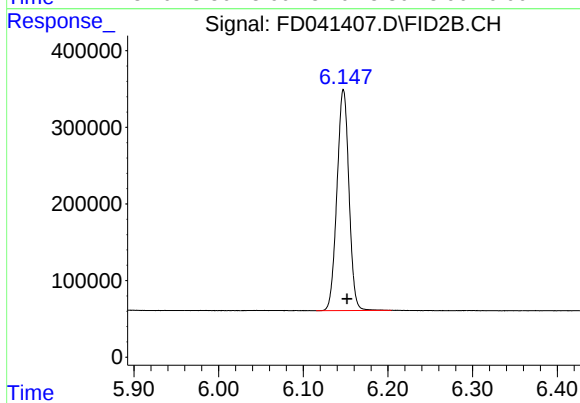
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: -0.004 min
Response: 2805761
Conc: 19.43 ug/ml



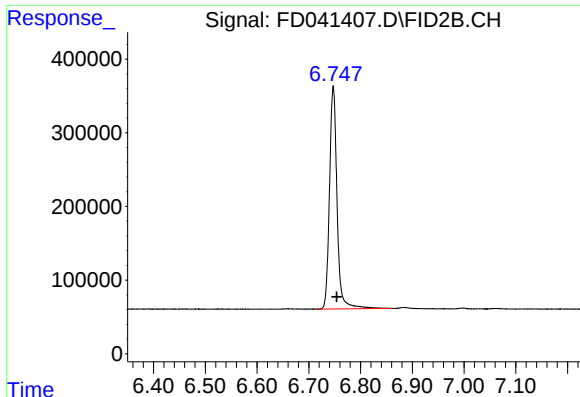
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 3046782
Conc: 19.07 ug/ml



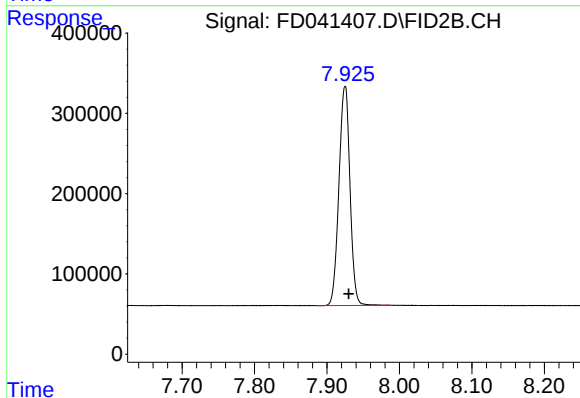
#4 n-Dodecane (C12)

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 2842033
Conc: 19.19 ug/ml



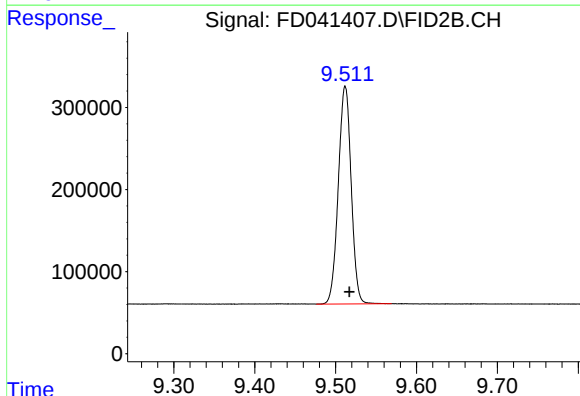
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 3074436
Conc: 19.21 ug/ml



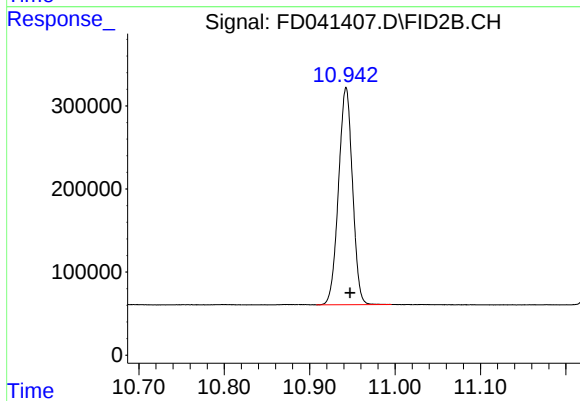
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 2898195
Conc: 19.36 ug/ml



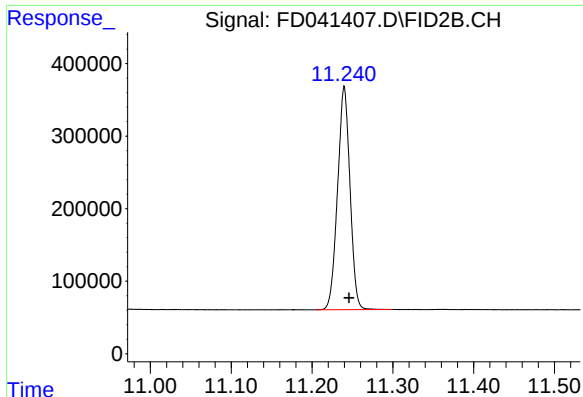
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: -0.005 min
Response: 2936974
Conc: 19.29 ug/ml



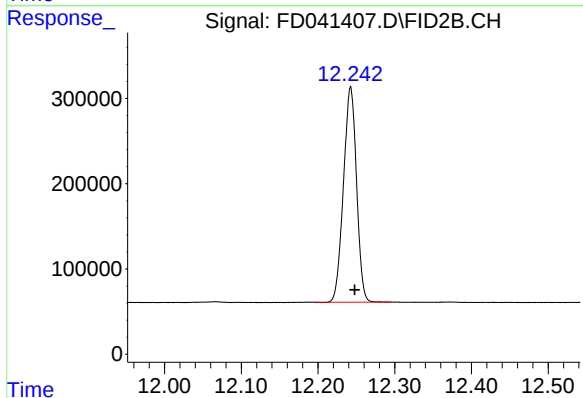
#8 n-Octadecane (C18)

R.T.: 10.943 min
Delta R.T.: -0.005 min
Response: 2967516
Conc: 19.09 ug/ml



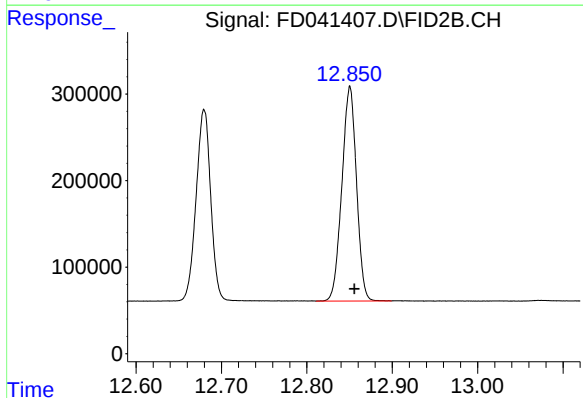
#9 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: -0.006 min
Response: 3283420
Conc: 18.93 ug/ml



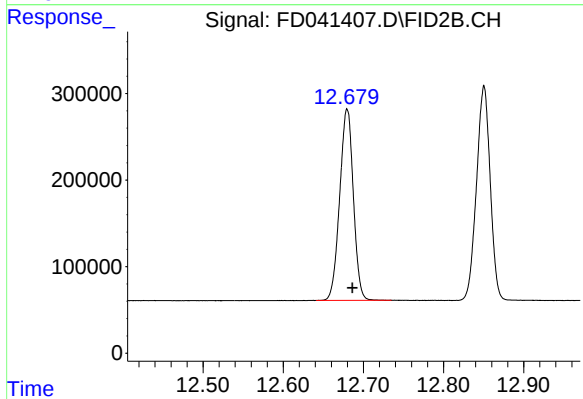
#10 n-Eicosane (C20)

R.T.: 12.243 min
Delta R.T.: -0.005 min
Response: 2989455
Conc: 19.26 ug/ml



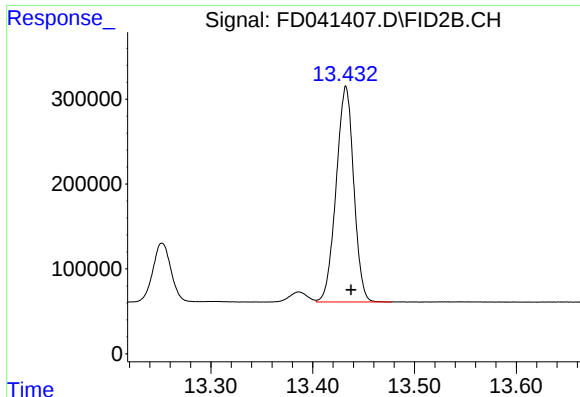
#11 n-Heneicosane (C21)

R.T.: 12.851 min
Delta R.T.: -0.005 min
Response: 2948446
Conc: 18.83 ug/ml



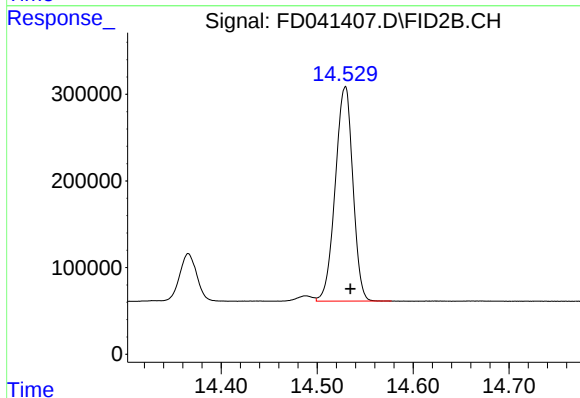
#12 1-chlorooctadecane (SURR)

R.T.: 12.680 min
Delta R.T.: -0.006 min
Response: 2620925
Conc: 19.36 ug/ml



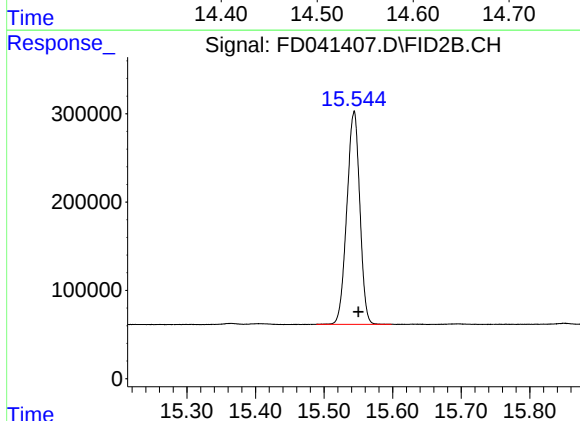
#13 n-Docosane (C22)

R.T.: 13.433 min
Delta R.T.: -0.005 min
Response: 3053394
Conc: 19.50 ug/ml



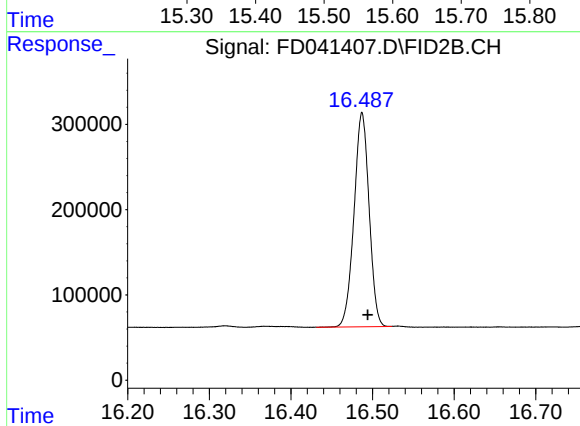
#14 n-Tetracosane (C24)

R.T.: 14.529 min
Delta R.T.: -0.006 min
Response: 3155726
Conc: 20.12 ug/ml



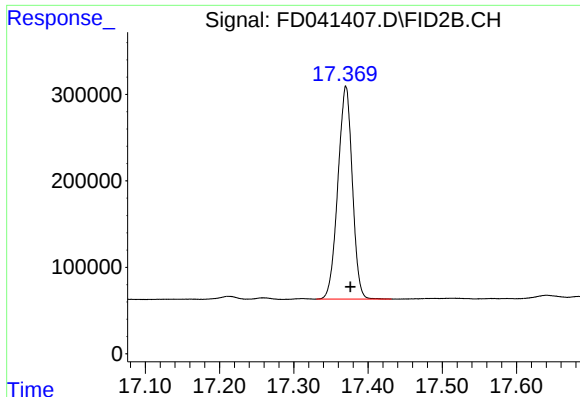
#15 n-Hexacosane (C26)

R.T.: 15.544 min
Delta R.T.: -0.006 min
Response: 3168679
Conc: 20.62 ug/ml



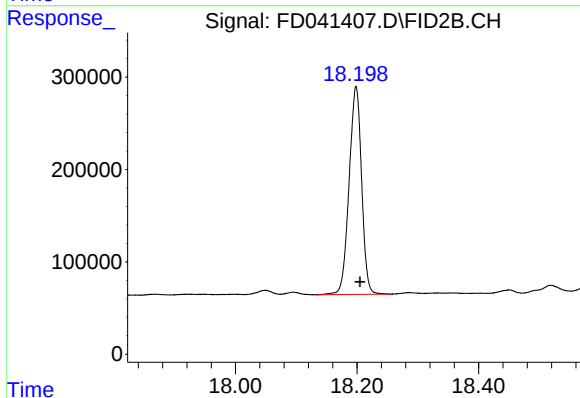
#16 n-Octacosane (C28)

R.T.: 16.487 min
Delta R.T.: -0.007 min
Response: 3219021
Conc: 21.63 ug/ml



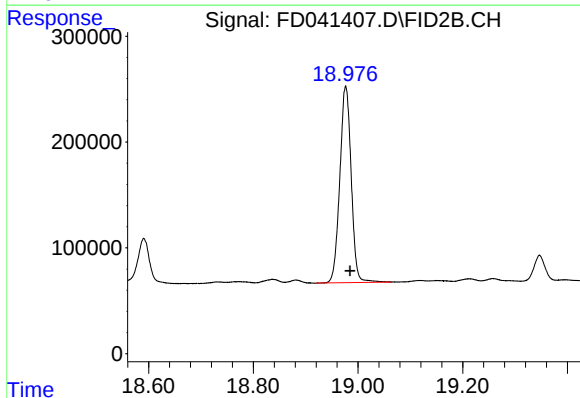
#17 n-Tricontane (C30)

R.T.: 17.370 min
Delta R.T.: -0.006 min
Response: 3327555
Conc: 23.65 ug/ml



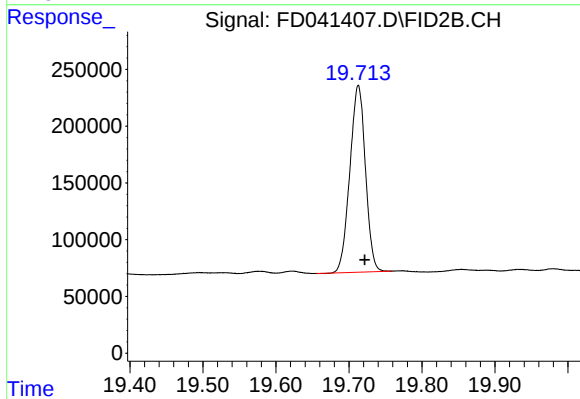
#18 n-Dotriacontane (C32)

R.T.: 18.198 min
Delta R.T.: -0.006 min
Response: 3211612
Conc: 25.24 ug/ml



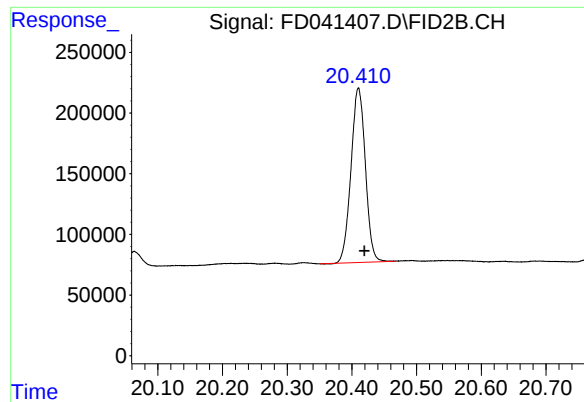
#19 n-Tetratriacontane (C34)

R.T.: 18.976 min
Delta R.T.: -0.008 min
Response: 2795782
Conc: 24.55 ug/ml



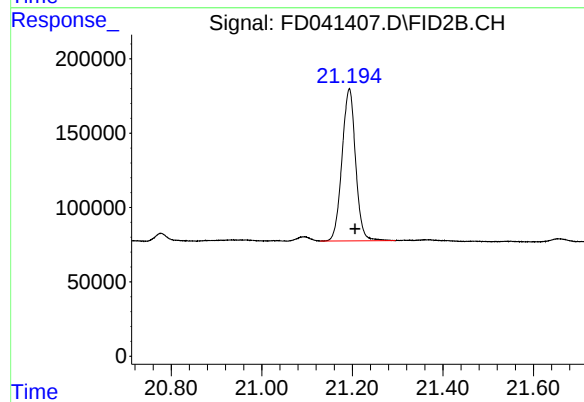
#20 n-Hexatriacontane (C36)

R.T.: 19.713 min
Delta R.T.: -0.009 min
Response: 2440246
Conc: 23.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.410 min
Delta R.T.: -0.009 min
Response: 2215312
Conc: 23.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.193 min
Delta R.T.: -0.013 min
Response: 2129733
Conc: 22.47 ug/ml