

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AL\
 Data File : FD040462.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 11:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 12:23:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.627	3496457	22.677 ug/ml
Spiked Amount 50.000		Recovery =	45.35%
12) S 1-chlorooctadecane (S...	12.066	2660539	22.603 ug/ml
Spiked Amount 50.000		Recovery =	45.21%
Target Compounds			
1) T n-Nonane (C9)	2.574	2881188	22.442 ug/ml
2) T n-Decane (C10)	3.561	2924458	22.711 ug/ml
3) T A~Naphthalene (C11.7)	5.093	3264097	22.975 ug/ml
4) T n-Dodecane (C12)	5.530	2956512	23.131 ug/ml
5) T A~2-methylnaphthalene...	6.132	3296147	23.365 ug/ml
6) T n-Tetradecane (C14)	7.307	3032952	23.413 ug/ml
7) T n-Hexadecane (C16)	8.896	3069526	23.560 ug/ml
8) T n-Octadecane (C18)	10.327	3147613	23.229 ug/ml
10) T n-Eicosane (C20)	11.627	3098595	22.780 ug/ml
11) T n-Heneicosane (C21)	12.236	3105347	22.425 ug/ml
13) T n-Docosane (C22)	12.819	3066028	22.236 ug/ml
14) T n-Tetracosane (C24)	13.914	3023253	21.622 ug/ml
15) T n-Hexacosane (C26)	14.930	2887178	20.945 ug/ml
16) T n-Octacosane (C28)	15.874	2811547	20.721 ug/ml
17) T n-Tricontane (C30)	16.757	2744306	21.055 ug/ml
18) T n-Dotriacontane (C32)	17.586	2555749	21.379 ug/ml
19) T n-Tetratriacontane (C34)	18.365	2376631	22.572 ug/ml
20) T n-Hexatriacontane (C36)	19.101	2212240	21.832 ug/ml
21) T n-Octatriacontane (C38)	19.800	2086772	23.356 ug/ml
22) T n-Tetracontane (C40)	20.602	2102748	24.599 ug/ml

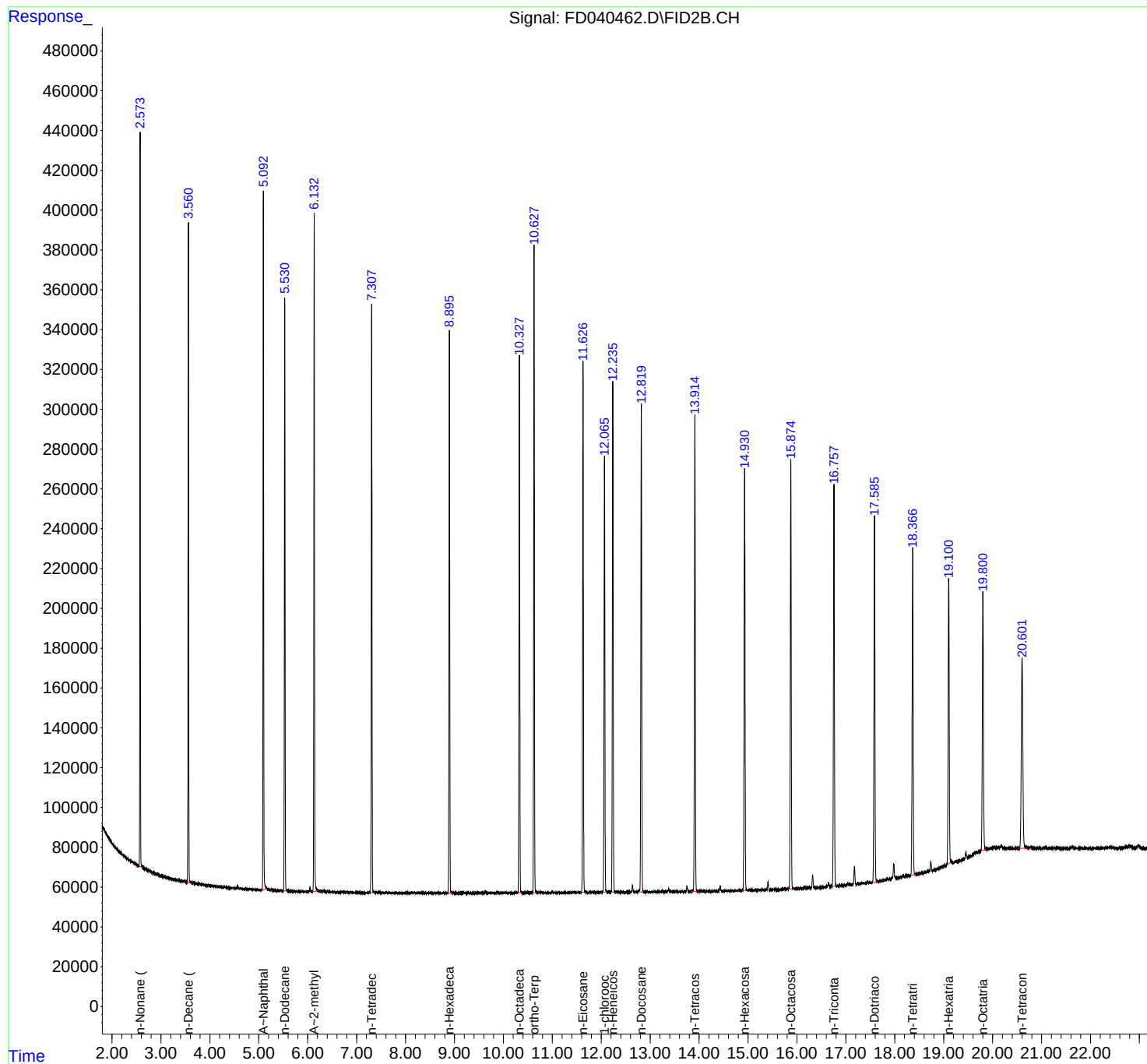
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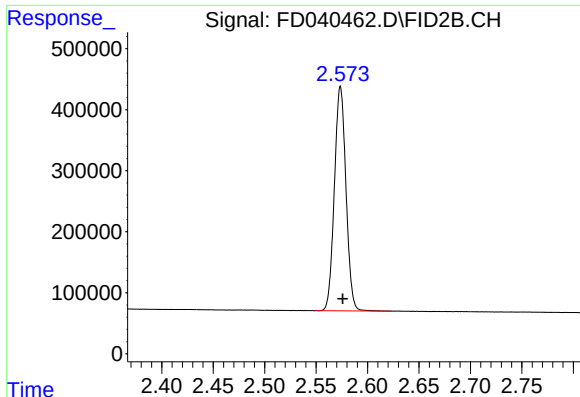
(m)=manual int.

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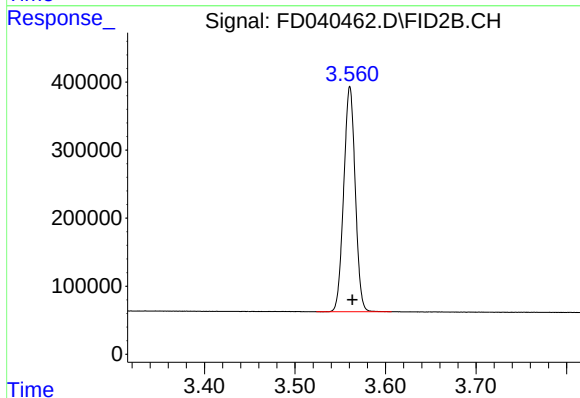
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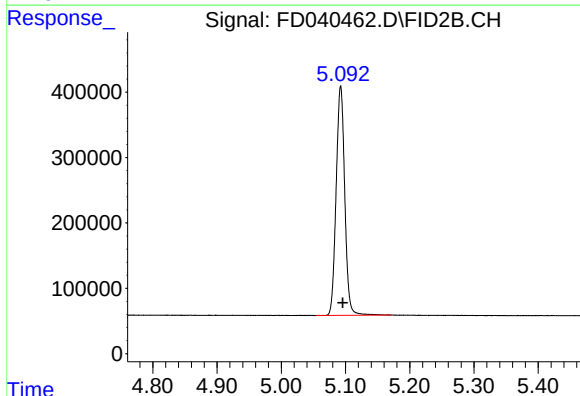
#1 n-Nonane (C9)

R.T.: 2.574 min
Delta R.T.: -0.002 min
Response: 2881188
Conc: 22.44 ug/ml



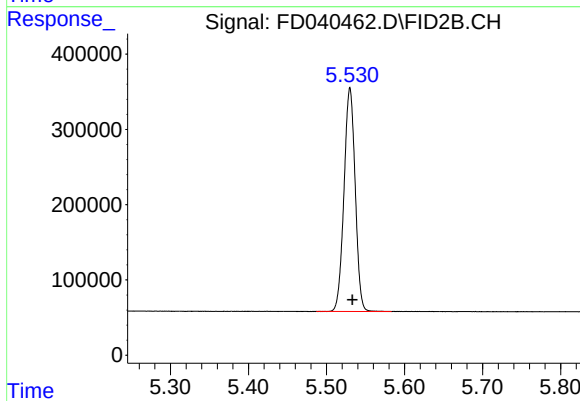
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: -0.003 min
Response: 2924458
Conc: 22.71 ug/ml



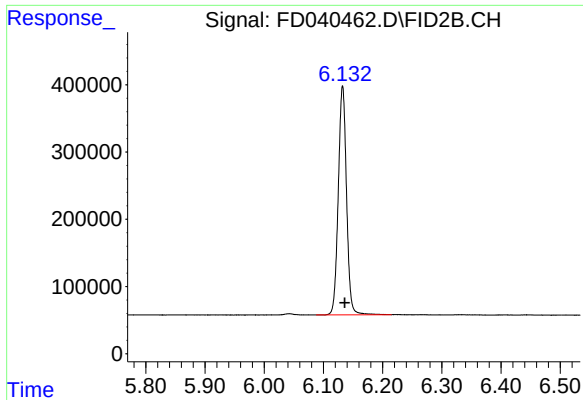
#3 A~Naphthalene (C11.7)

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 3264097
Conc: 22.97 ug/ml



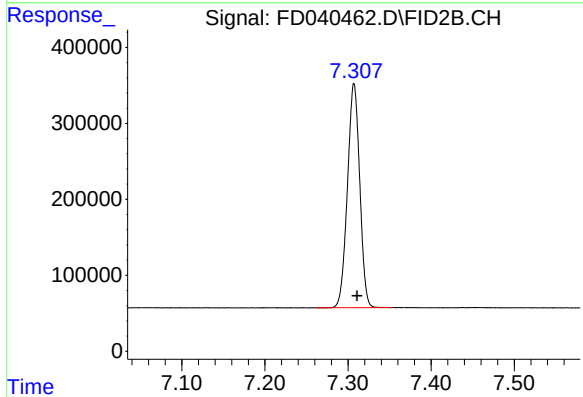
#4 n-Dodecane (C12)

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 2956512
Conc: 23.13 ug/ml



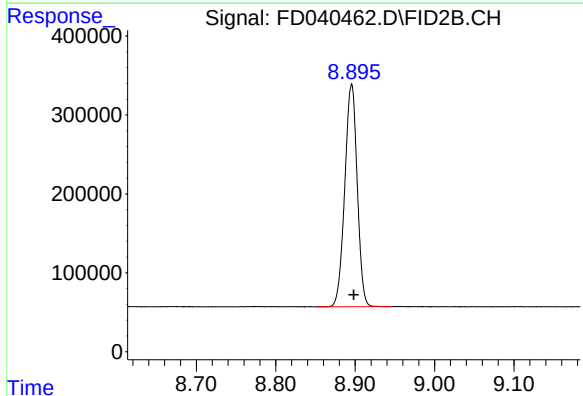
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 3296147
Conc: 23.36 ug/ml



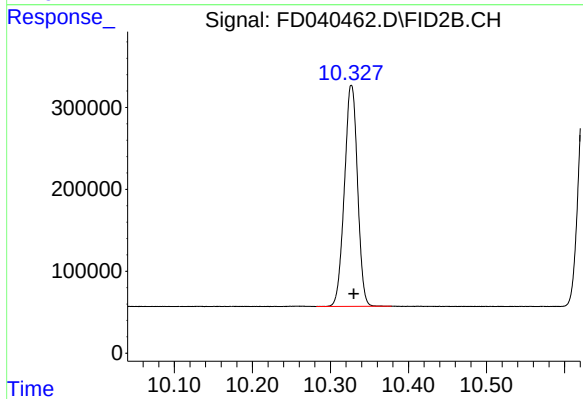
#6 n-Tetradecane (C14)

R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 3032952
Conc: 23.41 ug/ml



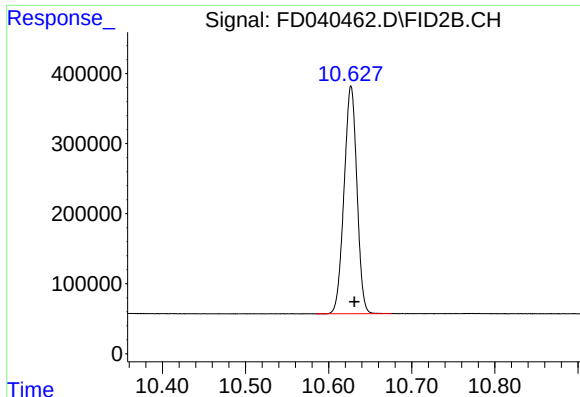
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.003 min
Response: 3069526
Conc: 23.56 ug/ml



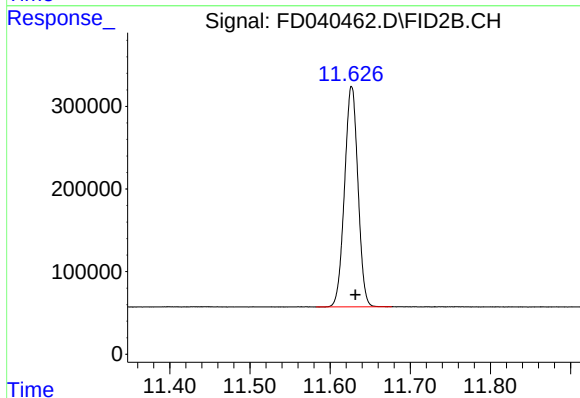
#8 n-Octadecane (C18)

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 3147613
Conc: 23.23 ug/ml



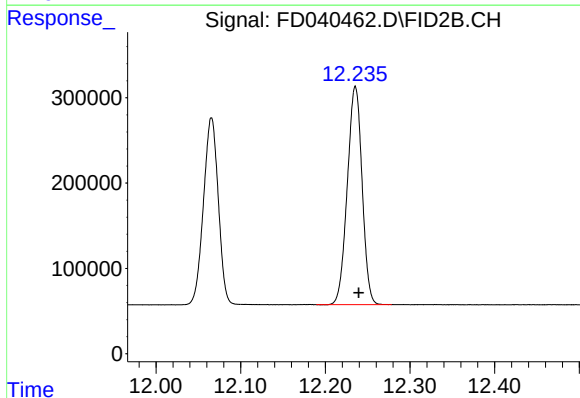
#9 ortho-Terphenyl (SURR)

R.T.: 10.627 min
Delta R.T.: -0.004 min
Response: 3496457
Conc: 22.68 ug/ml



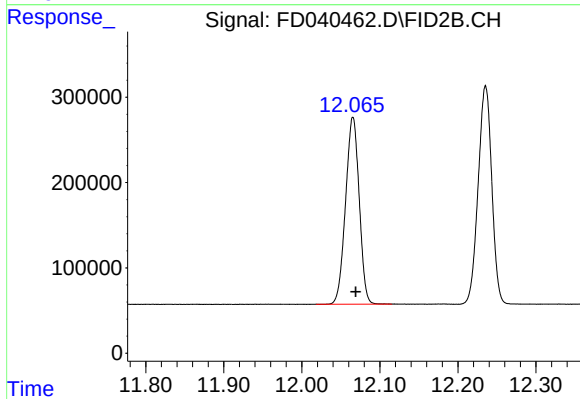
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 3098595
Conc: 22.78 ug/ml



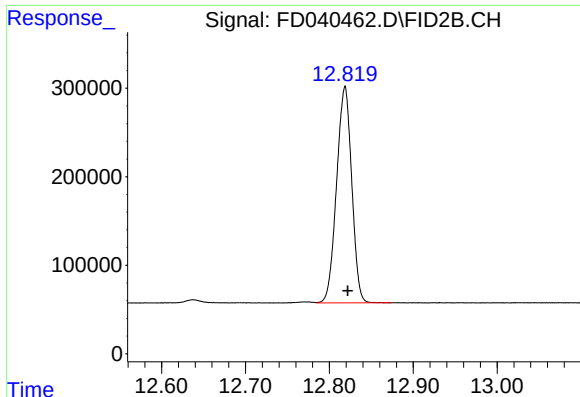
#11 n-Heneicosane (C21)

R.T.: 12.236 min
Delta R.T.: -0.004 min
Response: 3105347
Conc: 22.43 ug/ml



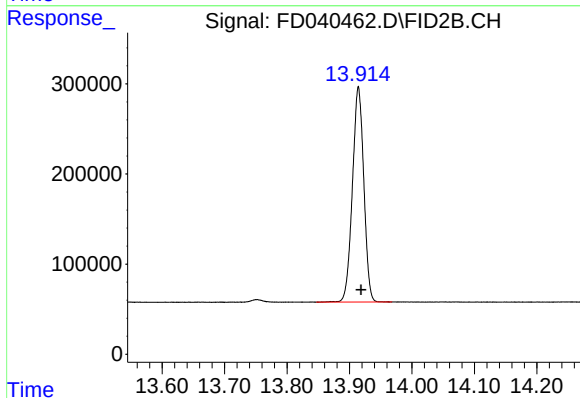
#12 1-chlorooctadecane (SURR)

R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 2660539
Conc: 22.60 ug/ml



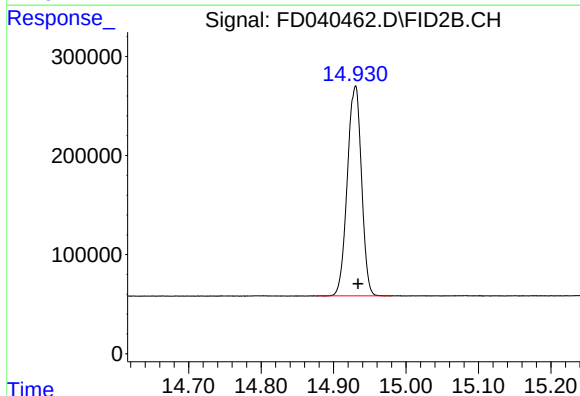
#13 n-Docosane (C22)

R.T.: 12.819 min
Delta R.T.: -0.003 min
Response: 3066028
Conc: 22.24 ug/ml



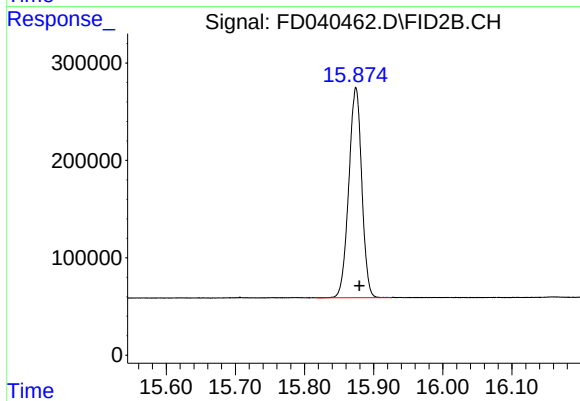
#14 n-Tetracosane (C24)

R.T.: 13.914 min
Delta R.T.: -0.004 min
Response: 3023253
Conc: 21.62 ug/ml



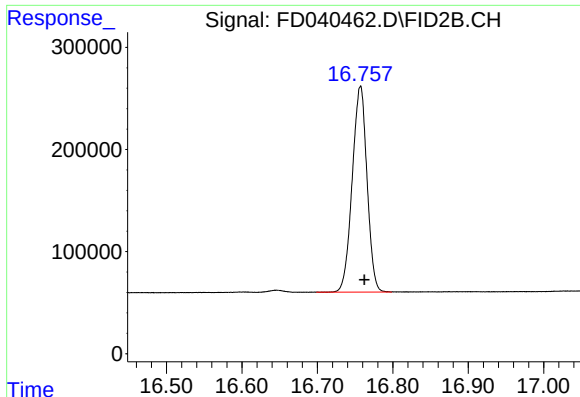
#15 n-Hexacosane (C26)

R.T.: 14.930 min
Delta R.T.: -0.004 min
Response: 2887178
Conc: 20.95 ug/ml



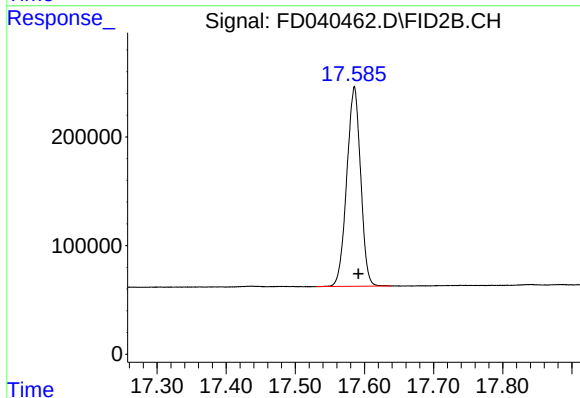
#16 n-Octacosane (C28)

R.T.: 15.874 min
Delta R.T.: -0.005 min
Response: 2811547
Conc: 20.72 ug/ml



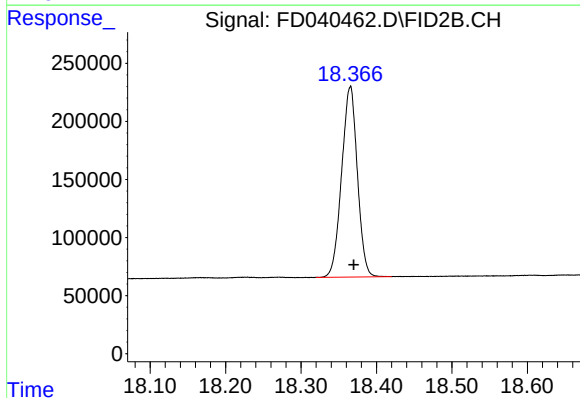
#17 n-Tricontane (C30)

R.T.: 16.757 min
Delta R.T.: -0.005 min
Response: 2744306
Conc: 21.06 ug/ml



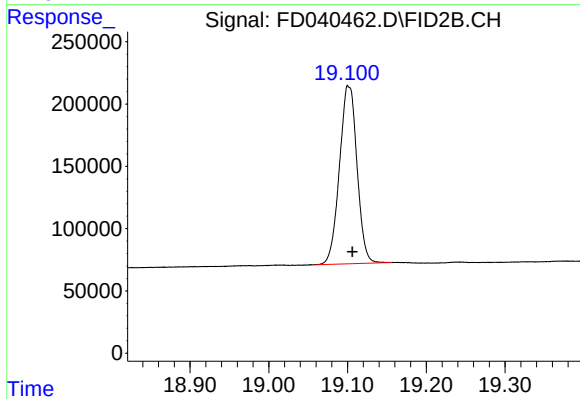
#18 n-Dotriacontane (C32)

R.T.: 17.586 min
Delta R.T.: -0.006 min
Response: 2555749
Conc: 21.38 ug/ml



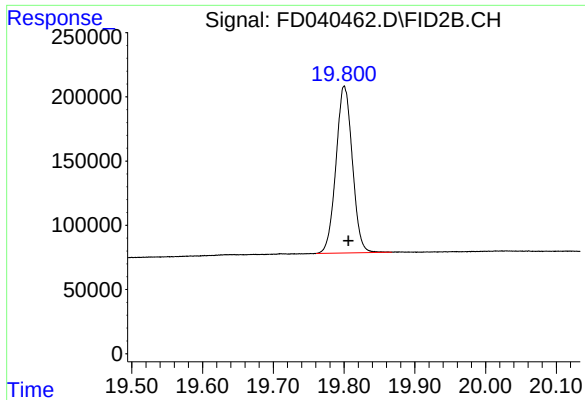
#19 n-Tetratriacontane (C34)

R.T.: 18.365 min
Delta R.T.: -0.005 min
Response: 2376631
Conc: 22.57 ug/ml



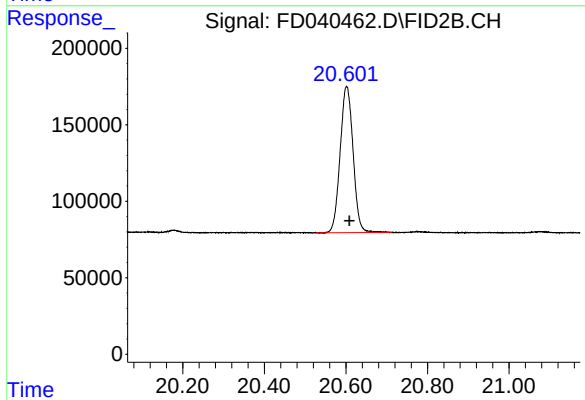
#20 n-Hexatriacontane (C36)

R.T.: 19.101 min
Delta R.T.: -0.005 min
Response: 2212240
Conc: 21.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.800 min
Delta R.T.: -0.006 min
Response: 2086772
Conc: 23.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.602 min
Delta R.T.: -0.007 min
Response: 2102748
Conc: 24.60 ug/ml