

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042522AL\
 Data File : FD042105.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 15:53
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 00:30:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.205	3381891	20.165 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	12.644	2607081	19.757 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.078	2953621	21.670 ug/ml
2) T n-Decane (C10)	4.123	2952331	22.030 ug/ml
3) T A~Naphthalene (C11.7)	5.673	3109616	21.452 ug/ml
4) T n-Dodecane (C12)	6.118	3049045	21.417 ug/ml
5) T A~2-methylnaphthalene...	6.719	3115228	22.355 ug/ml
6) T n-Tetradecane (C14)	7.894	3050575	21.416 ug/ml
7) T n-Hexadecane (C16)	9.479	3056788	21.035 ug/ml
8) T n-Octadecane (C18)	10.908	3072629	20.501 ug/ml
10) T n-Eicosane (C20)	12.207	3039311	19.857 ug/ml
11) T n-Heneicosane (C21)	12.815	3032689	19.672 ug/ml
13) T n-Docosane (C22)	13.397	3056383	19.828 ug/ml
14) T n-Tetracosane (C24)	14.492	3087755	19.966 ug/ml
15) T n-Hexacosane (C26)	15.507	3039918	19.763 ug/ml
16) T n-Octacosane (C28)	16.450	3045737	19.921 ug/ml
17) T n-Tricontane (C30)	17.333	2981383	19.876 ug/ml
18) T n-Dotriacontane (C32)	18.161	2788978	19.724 ug/ml
19) T n-Tetratriacontane (C34)	18.940	2521892	19.596 ug/ml
20) T n-Hexatriacontane (C36)	19.674	2281997	20.166 ug/ml
21) T n-Octatriacontane (C38)	20.372	2165267	21.701 ug/ml
22) T n-Tetracontane (C40)	21.143	2131833	23.635 ug/ml

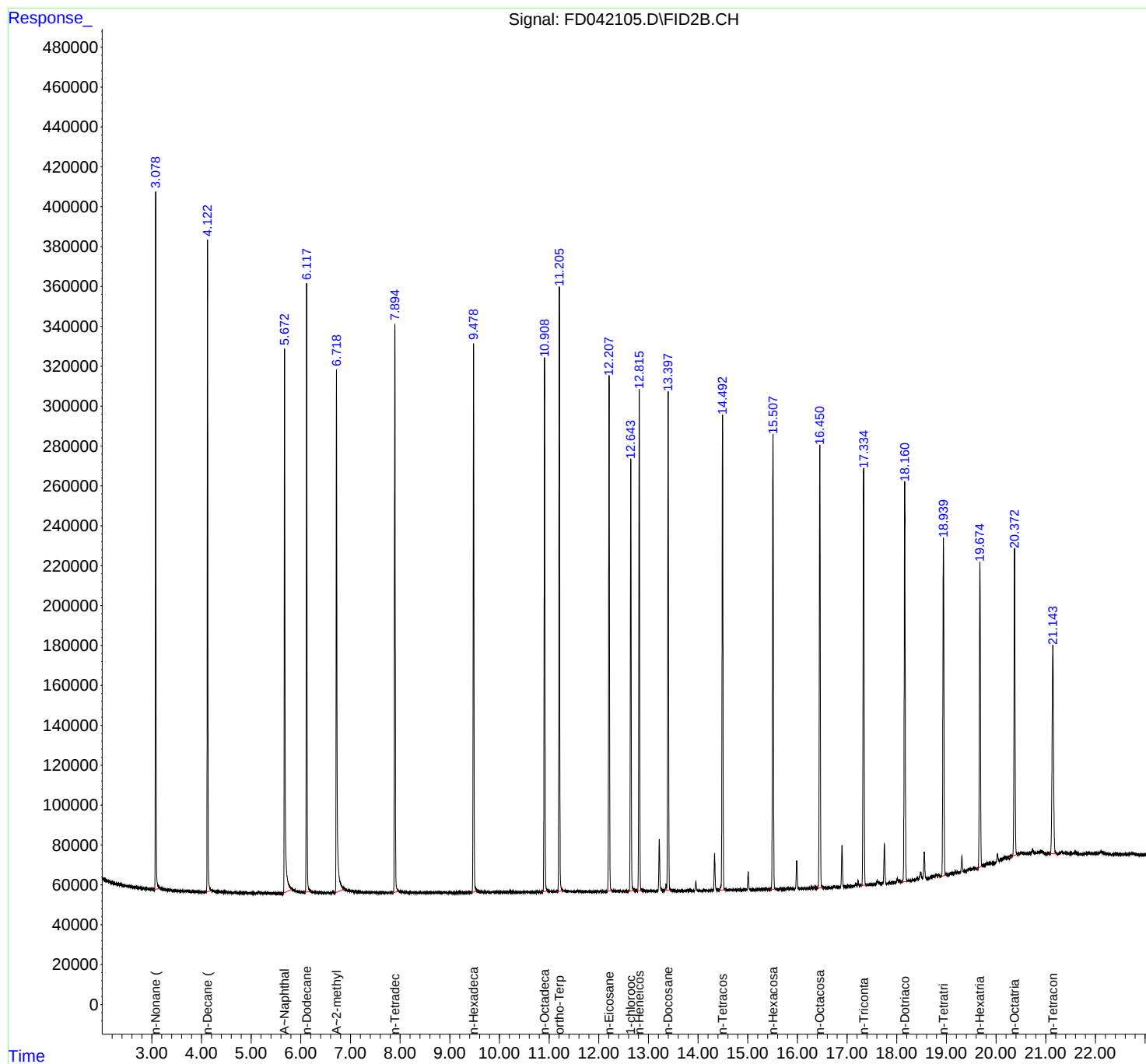
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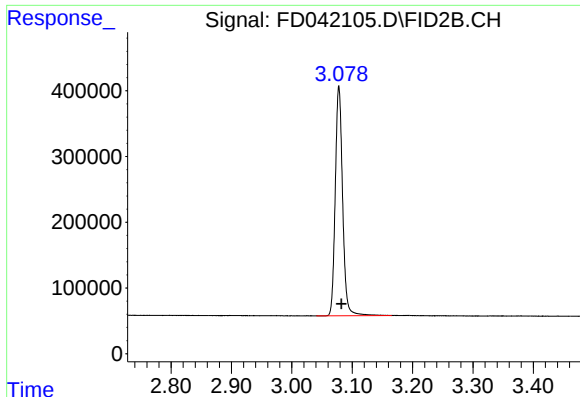
(m)=manual int.

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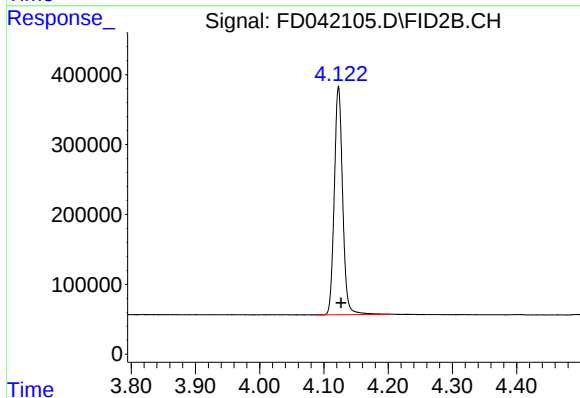
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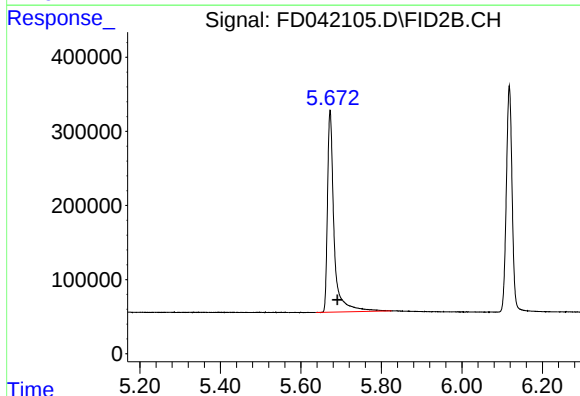
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 2953621
Conc: 21.67 ug/ml



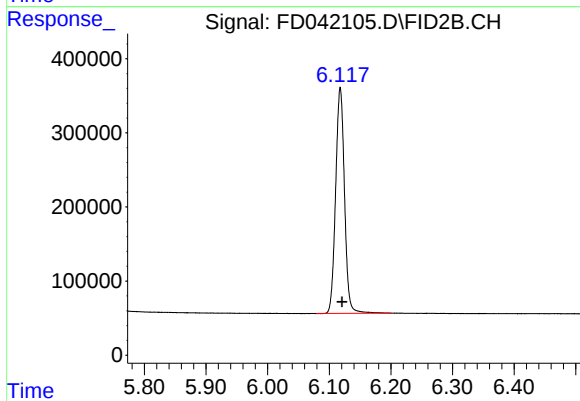
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: -0.004 min
Response: 2952331
Conc: 22.03 ug/ml



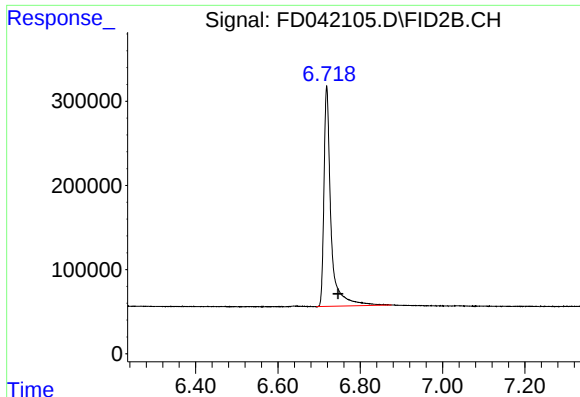
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 3109616
Conc: 21.45 ug/ml



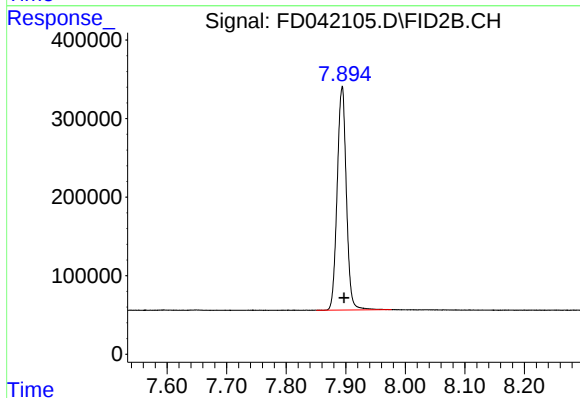
#4 n-Dodecane (C12)

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 3049045
Conc: 21.42 ug/ml



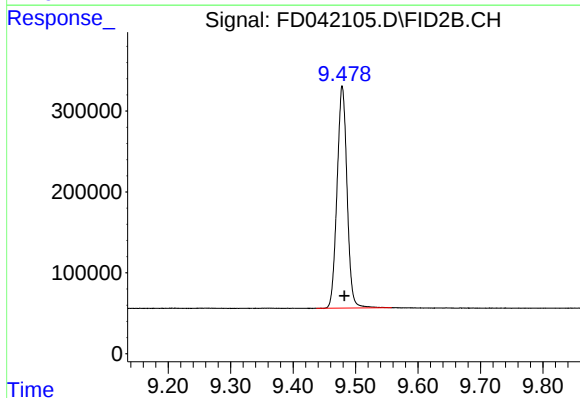
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.028 min
Response: 3115228
Conc: 22.35 ug/ml



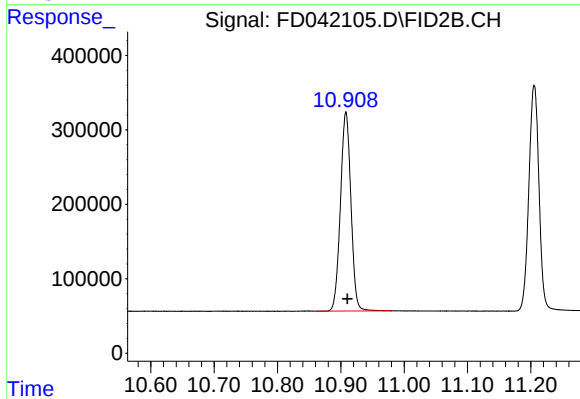
#6 n-Tetradecane (C14)

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 3050575
Conc: 21.42 ug/ml



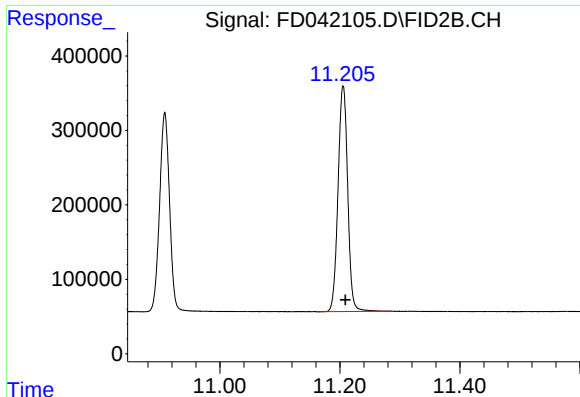
#7 n-Hexadecane (C16)

R.T.: 9.479 min
Delta R.T.: -0.003 min
Response: 3056788
Conc: 21.04 ug/ml



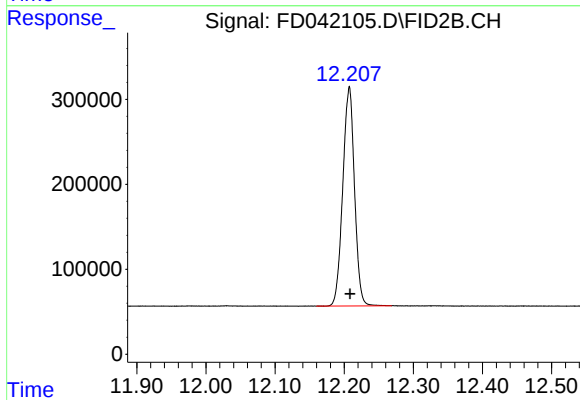
#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: -0.002 min
Response: 3072629
Conc: 20.50 ug/ml



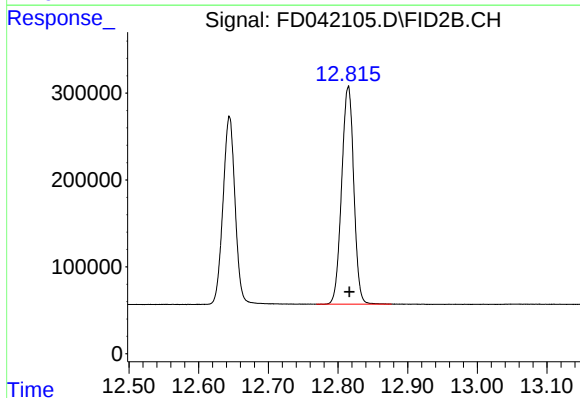
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 3381891
Conc: 20.17 ug/ml



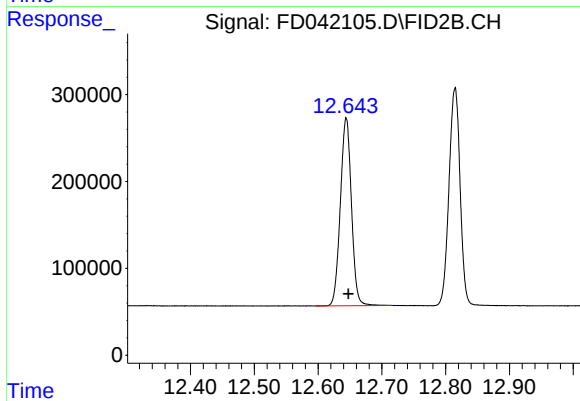
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: -0.001 min
Response: 3039311
Conc: 19.86 ug/ml



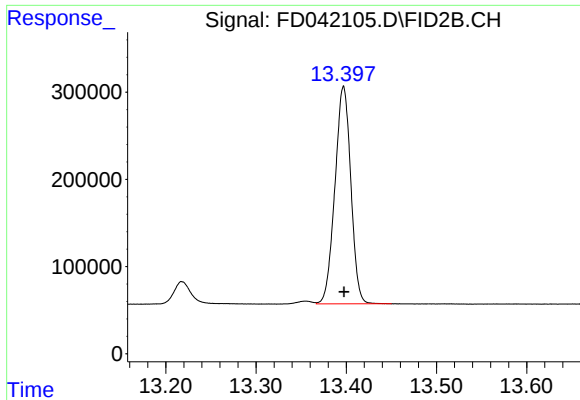
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 3032689
Conc: 19.67 ug/ml



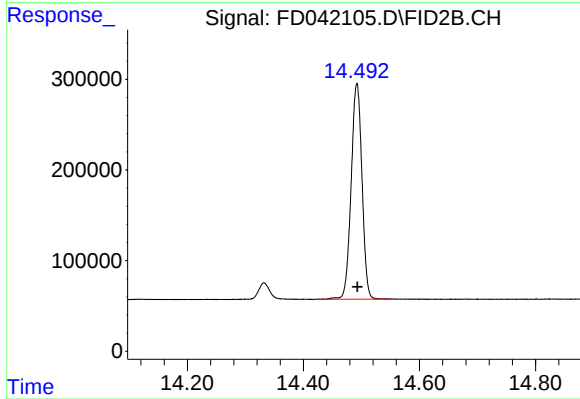
#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: -0.003 min
Response: 2607081
Conc: 19.76 ug/ml



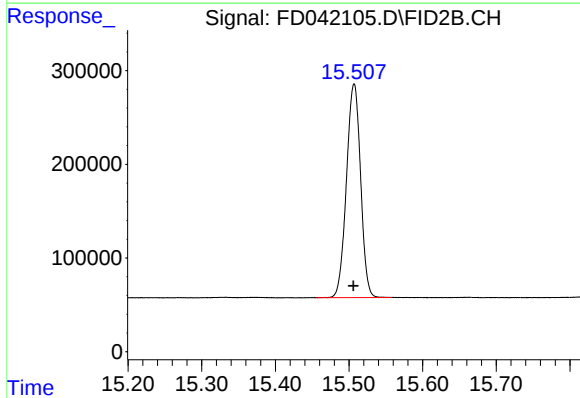
#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.000 min
Response: 3056383
Conc: 19.83 ug/ml



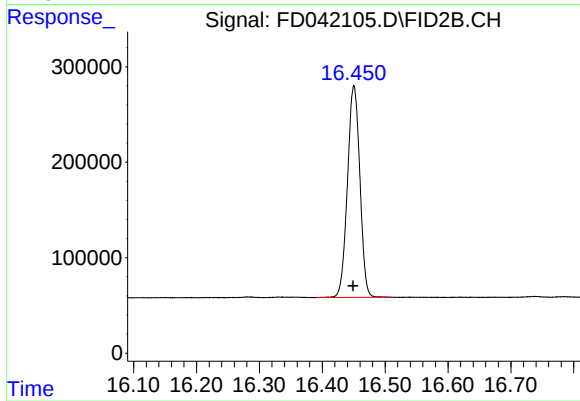
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 3087755
Conc: 19.97 ug/ml



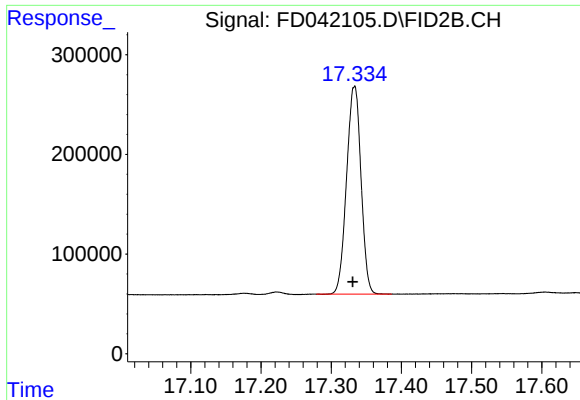
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: 0.000 min
Response: 3039918
Conc: 19.76 ug/ml



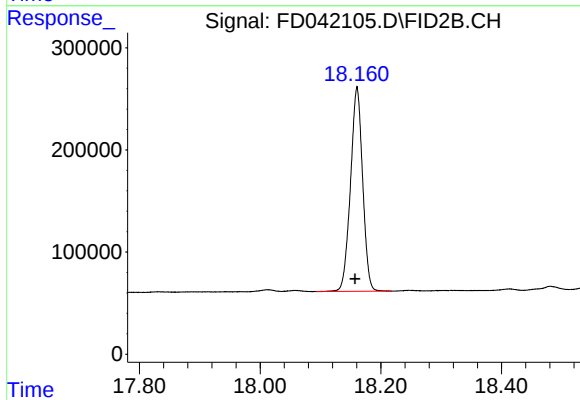
#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.002 min
Response: 3045737
Conc: 19.92 ug/ml



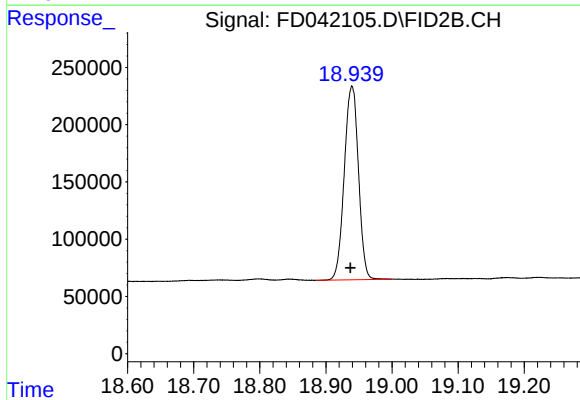
#17 n-Tricontane (C30)

R.T.: 17.333 min
Delta R.T.: 0.003 min
Response: 2981383
Conc: 19.88 ug/ml



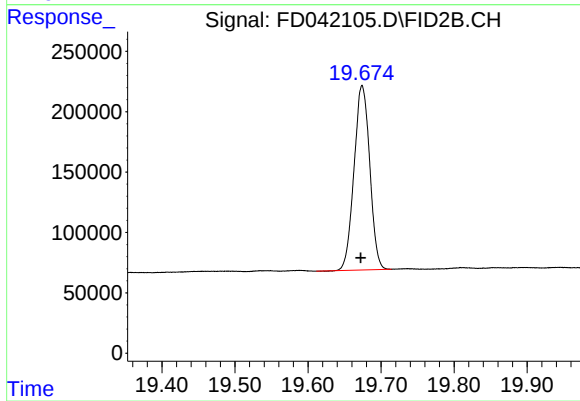
#18 n-Dotriacontane (C32)

R.T.: 18.161 min
Delta R.T.: 0.003 min
Response: 2788978
Conc: 19.72 ug/ml



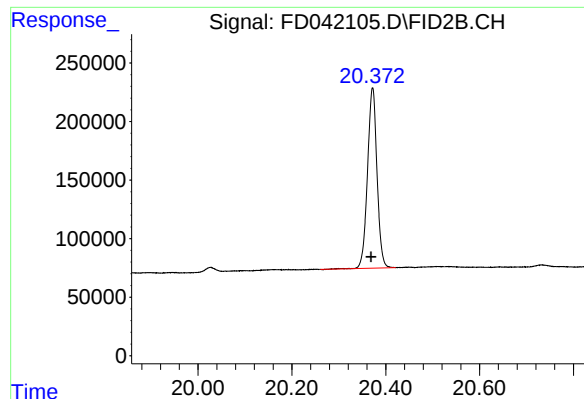
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min
Delta R.T.: 0.003 min
Response: 2521892
Conc: 19.60 ug/ml



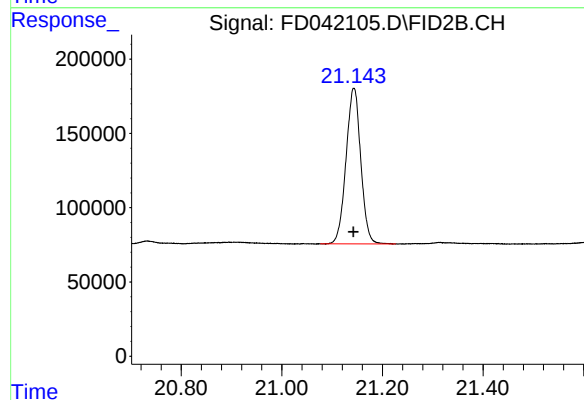
#20 n-Hexatriacontane (C36)

R.T.: 19.674 min
Delta R.T.: 0.002 min
Response: 2281997
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: 0.004 min
Response: 2165267
Conc: 21.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.143 min
Delta R.T.: 0.000 min
Response: 2131833
Conc: 23.63 ug/ml