

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AL\
 Data File : FD042148.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 22:12
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 28 05:30:55 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)	11.204	3547432	21.152 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	12.643	2770425	20.995 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
Target Compounds			
1) T n-Nonane (C9)	3.077	2960644	21.721 ug/ml
2) T n-Decane (C10)	4.121	2971879	22.176 ug/ml
3) T A~Naphthalene (C11.7)	5.670	3132633	21.611 ug/ml
4) T n-Dodecane (C12)	6.115	3081050	21.642 ug/ml
5) T A~2-methylnaphthalene...	6.716	3151302	22.614 ug/ml
6) T n-Tetradecane (C14)	7.891	3108904	21.825 ug/ml
7) T n-Hexadecane (C16)	9.478	3143371	21.631 ug/ml
8) T n-Octadecane (C18)	10.907	3209842	21.417 ug/ml
10) T n-Eicosane (C20)	12.206	3234667	21.133 ug/ml
11) T n-Heneicosane (C21)	12.814	3226304	20.927 ug/ml
13) T n-Docosane (C22)	13.396	3332094	21.617 ug/ml
14) T n-Tetracosane (C24)	14.492	3474863	22.469 ug/ml
15) T n-Hexacosane (C26)	15.507	3445199	22.398 ug/ml
16) T n-Octacosane (C28)	16.449	3466786	22.675 ug/ml
17) T n-Tricontane (C30)	17.331	3368114	22.454 ug/ml
18) T n-Dotriacontane (C32)	18.160	3071445	21.722 ug/ml
19) T n-Tetratriacontane (C34)	18.938	2708249	21.045 ug/ml
20) T n-Hexatriacontane (C36)	19.673	2368670	20.932 ug/ml
21) T n-Octatriacontane (C38)	20.370	2195427	22.003 ug/ml
22) T n-Tetracontane (C40)	21.140	2142102	23.749 ug/ml

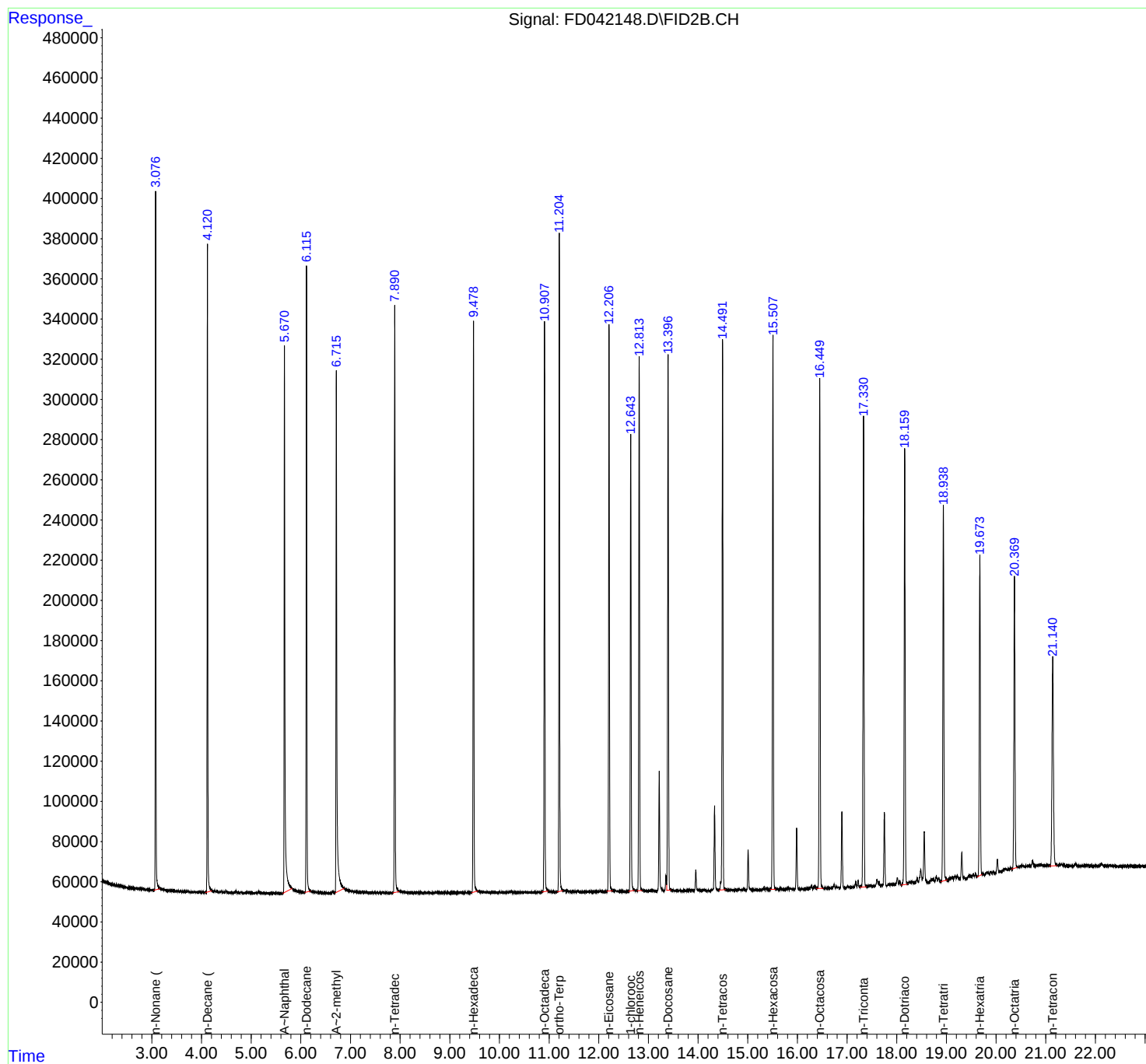
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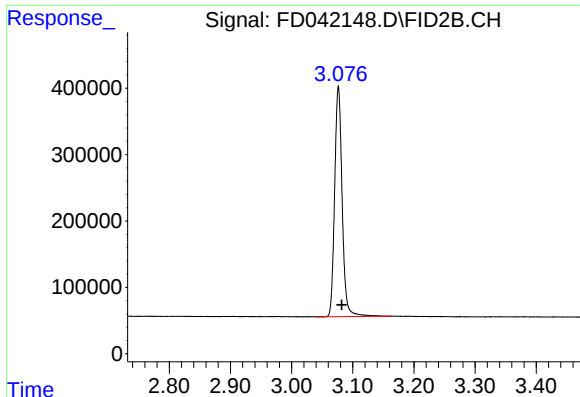
(m)=manual int.

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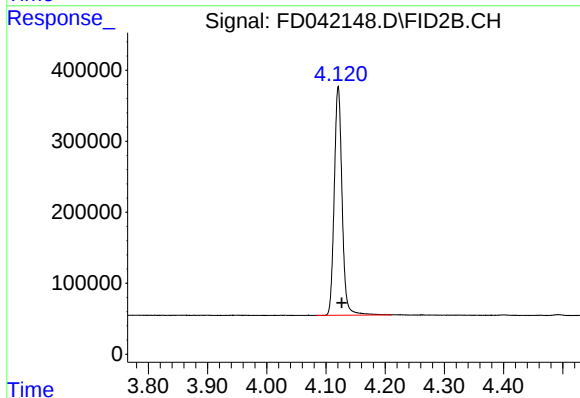
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Signal Info : 20M x 0.18mm x 0.18um





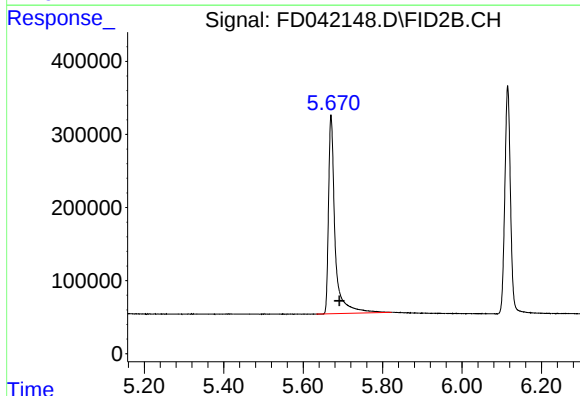
#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: -0.005 min
Response: 2960644
Conc: 21.72 ug/ml



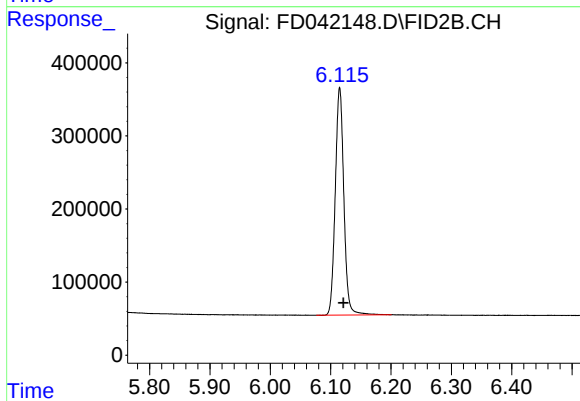
#2 n-Decane (C10)

R.T.: 4.121 min
Delta R.T.: -0.006 min
Response: 2971879
Conc: 22.18 ug/ml



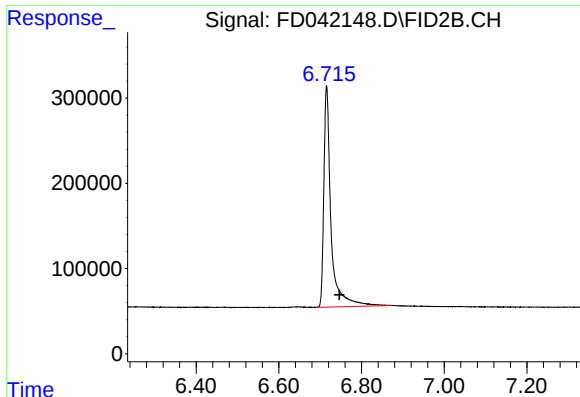
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 3132633
Conc: 21.61 ug/ml



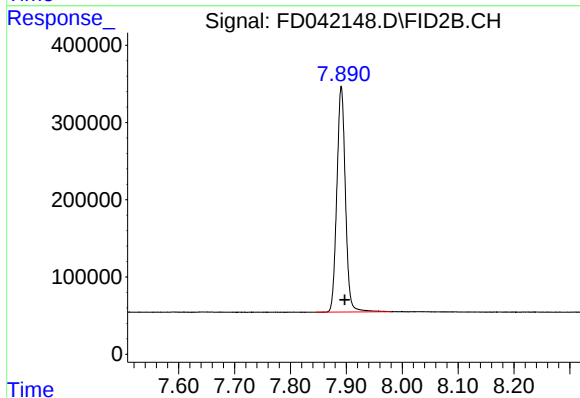
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3081050
Conc: 21.64 ug/ml



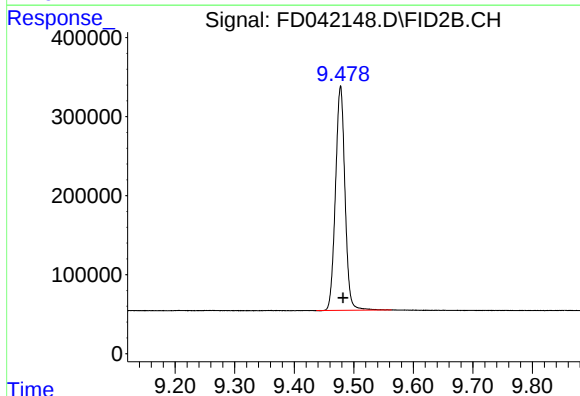
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 3151302
Conc: 22.61 ug/ml



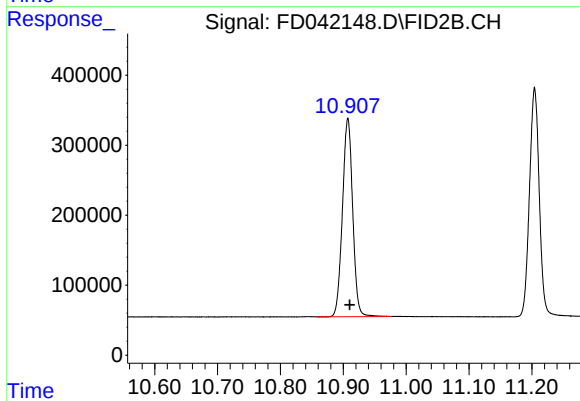
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: -0.006 min
Response: 3108904
Conc: 21.83 ug/ml



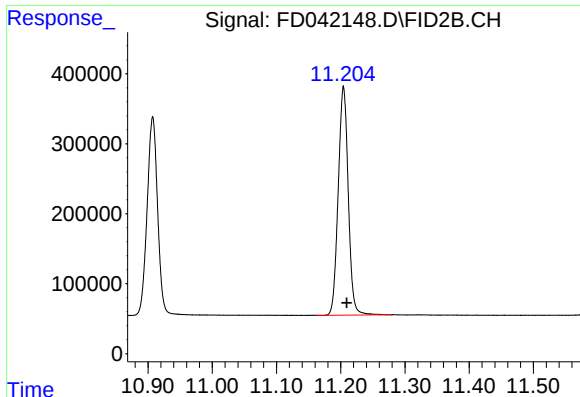
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: -0.004 min
Response: 3143371
Conc: 21.63 ug/ml



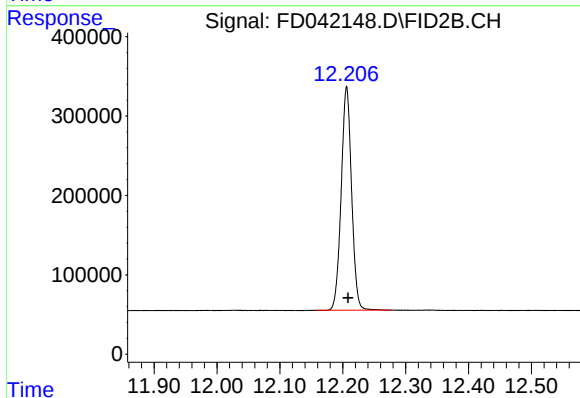
#8 n-Octadecane (C18)

R.T.: 10.907 min
Delta R.T.: -0.003 min
Response: 3209842
Conc: 21.42 ug/ml



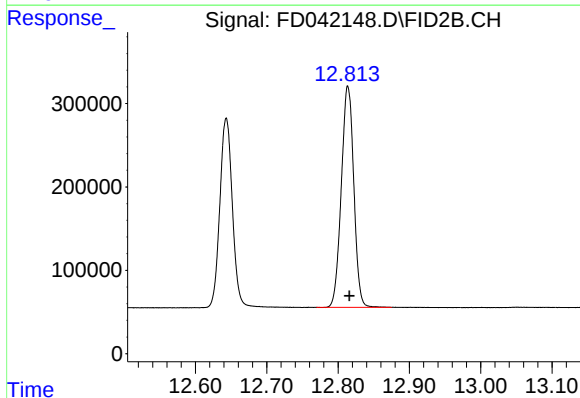
#9 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.005 min
Response: 3547432
Conc: 21.15 ug/ml



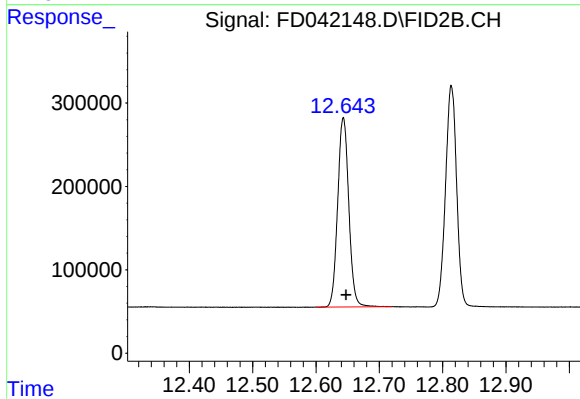
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.002 min
Response: 3234667
Conc: 21.13 ug/ml



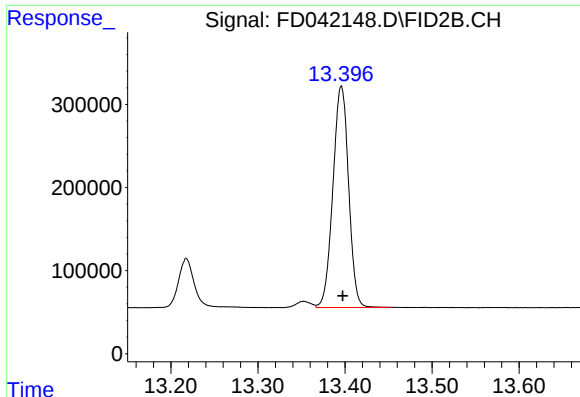
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 3226304
Conc: 20.93 ug/ml



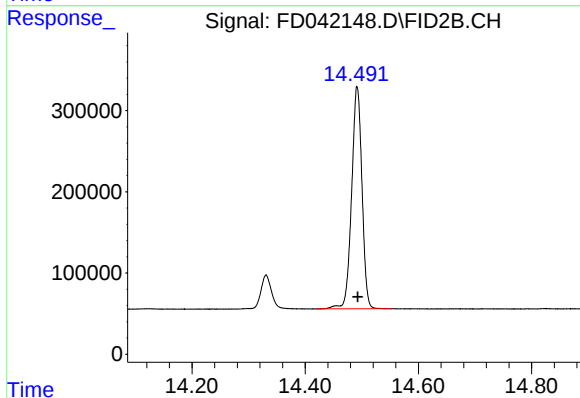
#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: -0.004 min
Response: 2770425
Conc: 20.99 ug/ml



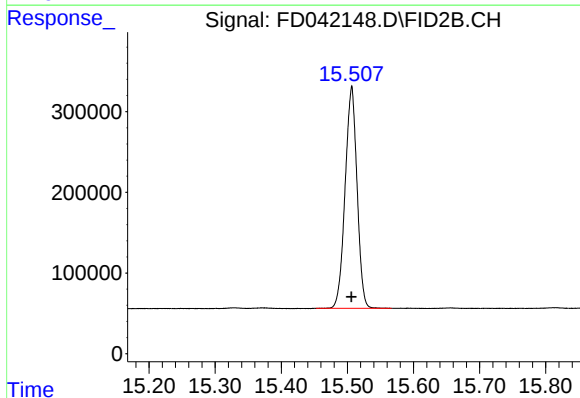
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: -0.002 min
Response: 3332094
Conc: 21.62 ug/ml



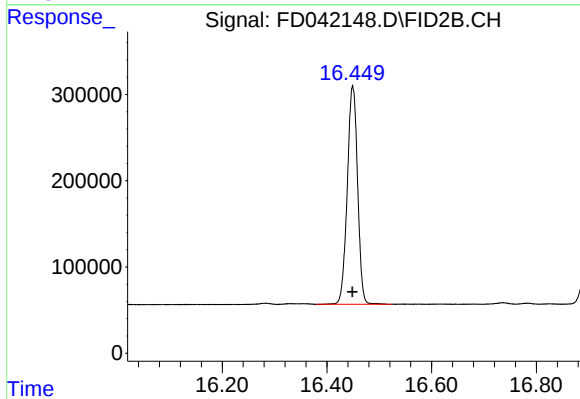
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: -0.001 min
Response: 3474863
Conc: 22.47 ug/ml



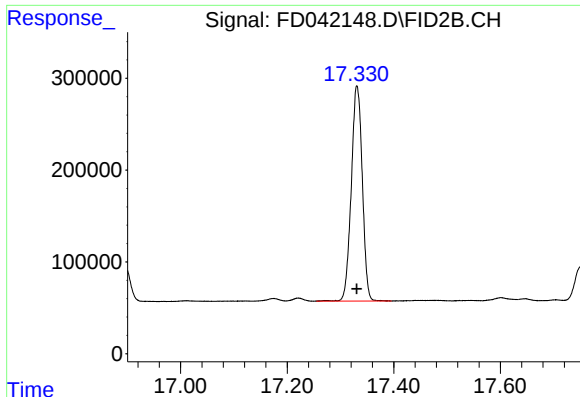
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: 0.000 min
Response: 3445199
Conc: 22.40 ug/ml



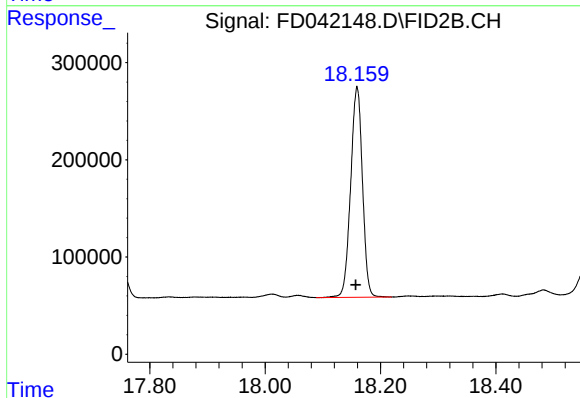
#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 3466786
Conc: 22.67 ug/ml



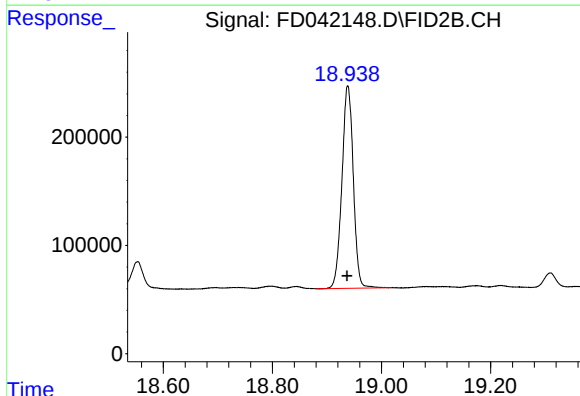
#17 n-Tricontane (C30)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 3368114
Conc: 22.45 ug/ml



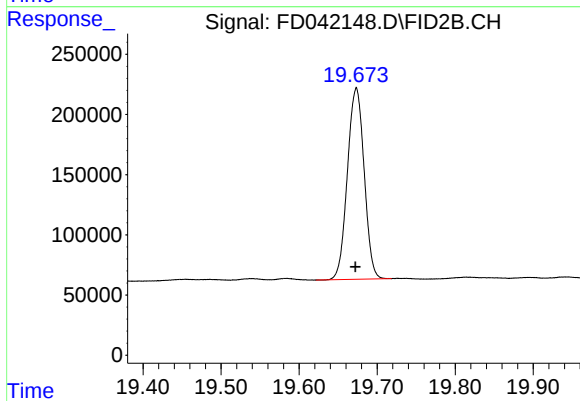
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.002 min
Response: 3071445
Conc: 21.72 ug/ml



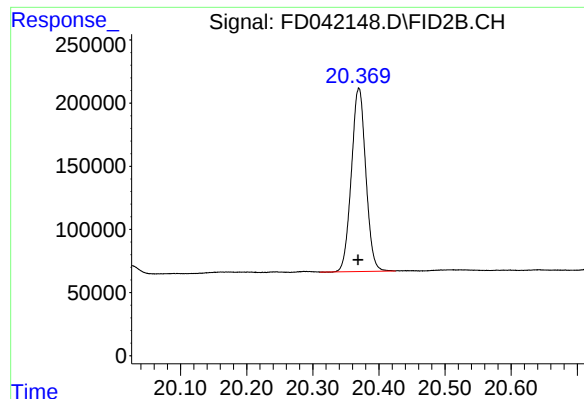
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: 0.001 min
Response: 2708249
Conc: 21.04 ug/ml



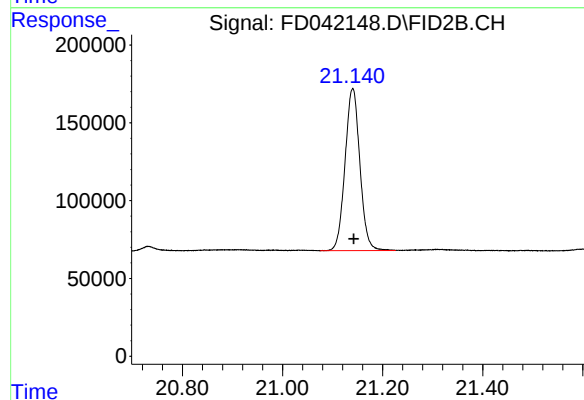
#20 n-Hexatriacontane (C36)

R.T.: 19.673 min
Delta R.T.: 0.001 min
Response: 2368670
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.001 min
Response: 2195427
Conc: 22.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 2142102
Conc: 23.75 ug/ml