

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051122AL\
 Data File : FD042414.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 11:09
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 12 02:02:44 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)	11.207	3027606	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	12.646	2344582	17.768 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T n-Nonane (C9)	3.081	2815143	20.654 ug/ml
2) T n-Decane (C10)	4.126	2815371	21.008 ug/ml
3) T A~Naphthalene (C11.7)	5.677	2894338	19.967 ug/ml
4) T n-Dodecane (C12)	6.120	2900430	20.373 ug/ml
5) T A~2-methylnaphthalene...	6.722	2919972	20.954 ug/ml
6) T n-Tetradecane (C14)	7.895	2895670	20.328 ug/ml
7) T n-Hexadecane (C16)	9.481	2890207	19.889 ug/ml
8) T n-Octadecane (C18)	10.910	2889496	19.279 ug/ml
10) T n-Eicosane (C20)	12.209	2842333	18.570 ug/ml
11) T n-Heneicosane (C21)	12.816	2763546	17.926 ug/ml
13) T n-Docosane (C22)	13.398	2961004	19.209 ug/ml
14) T n-Tetracosane (C24)	14.492	3206692	20.735 ug/ml
15) T n-Hexacosane (C26)	15.508	3407483	22.153 ug/ml
16) T n-Octacosane (C28)	16.452	3708867	24.258 ug/ml
17) T n-Tricontane (C30)	17.333	3742070	24.948 ug/mlm
18) T n-Dotriacontane (C32)	18.162	3421591	24.198 ug/ml
19) T n-Tetratriacontane (C34)	18.938	2940054	22.846 ug/mlm
20) T n-Hexatriacontane (C36)	19.675	2446259	21.618 ug/ml
21) T n-Octatriacontane (C38)	20.370	2321378	23.266 ug/ml
22) T n-Tetracontane (C40)	21.140	2216827	24.577 ug/mlm

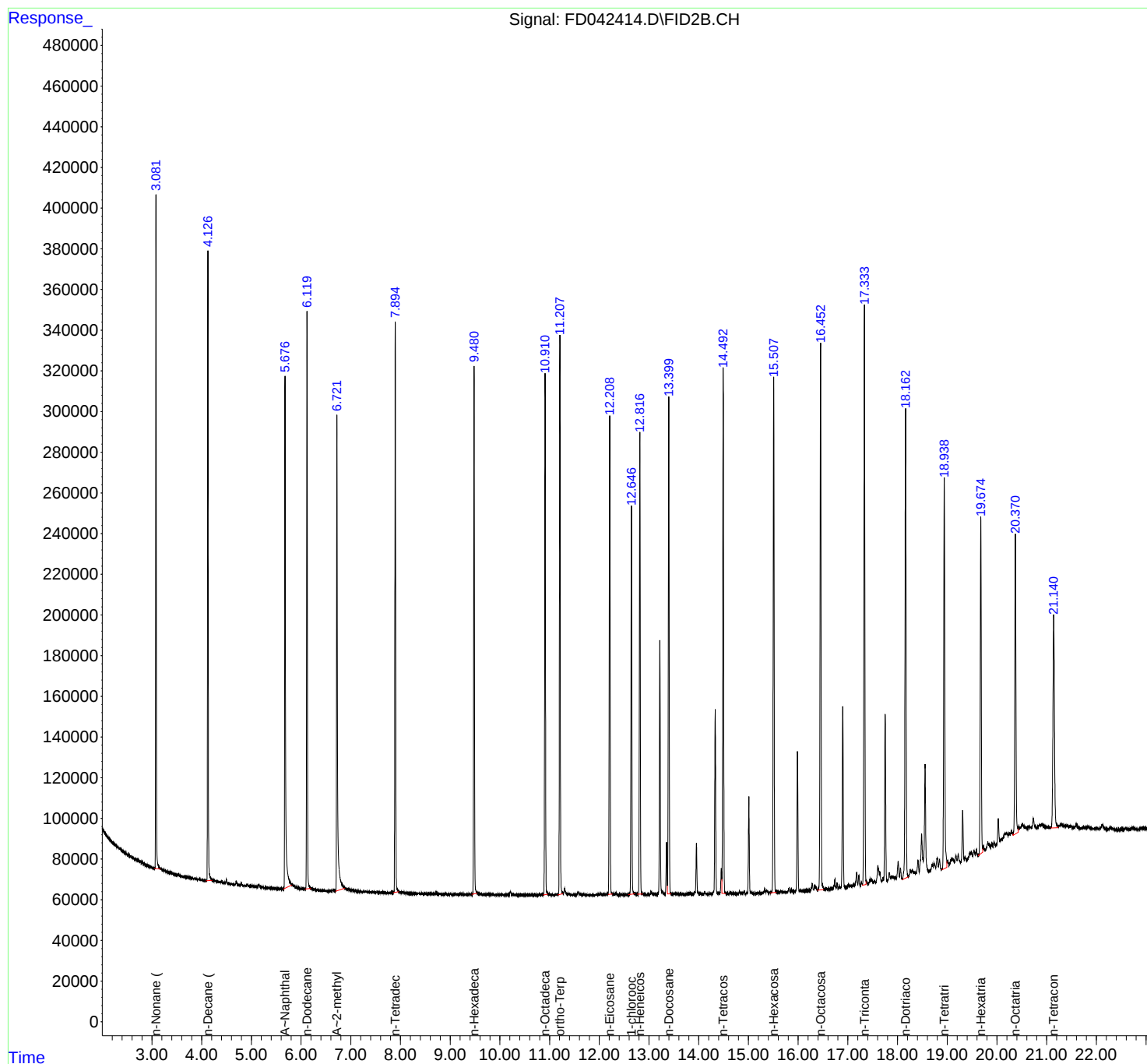
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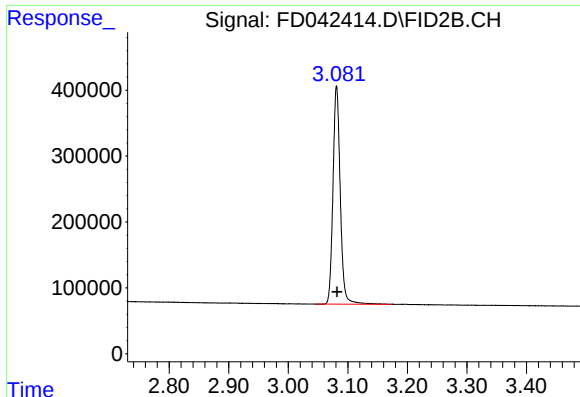
(m)=manual int.

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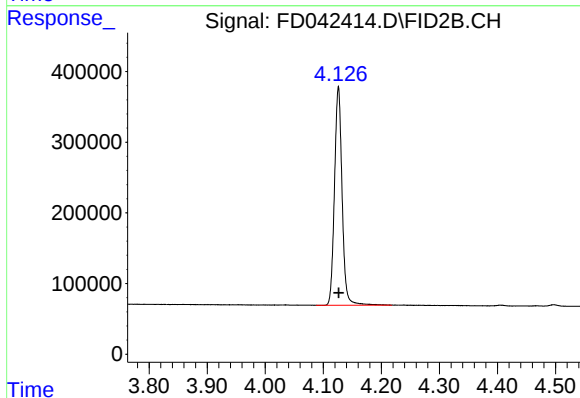
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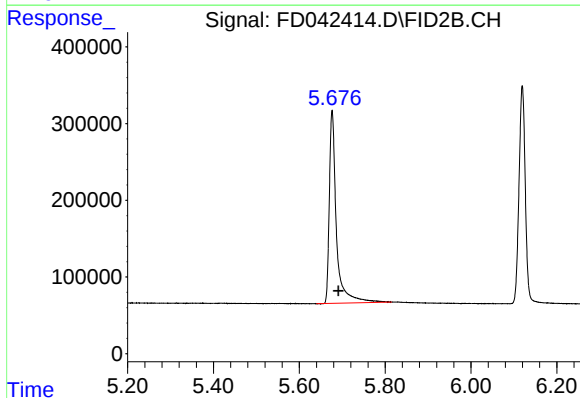
#1 n-Nonane (C9)

R.T.: 3.081 min
Delta R.T.: 0.000 min
Response: 2815143
Conc: 20.65 ug/ml



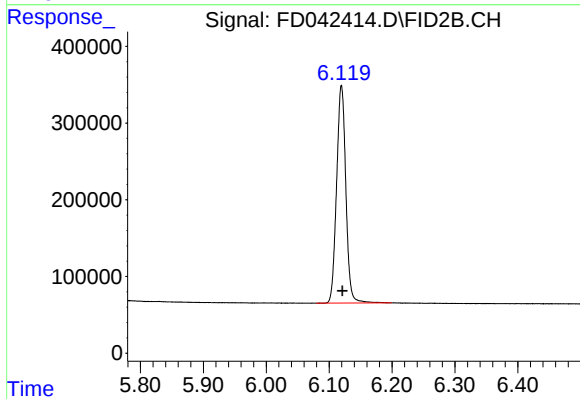
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 2815371
Conc: 21.01 ug/ml



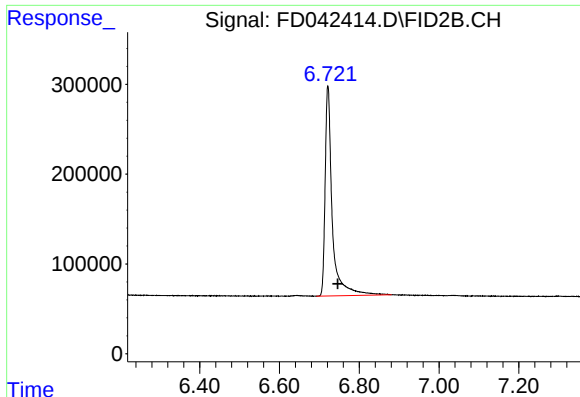
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.015 min
Response: 2894338
Conc: 19.97 ug/ml



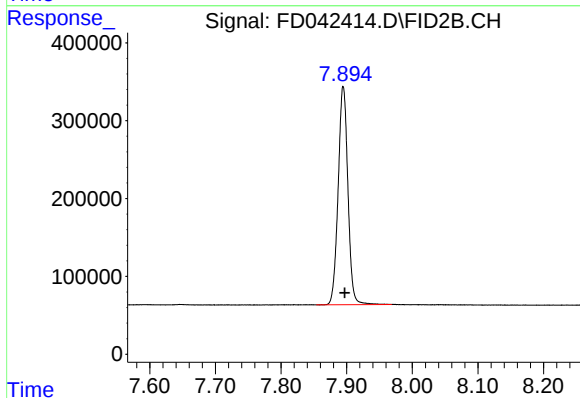
#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 2900430
Conc: 20.37 ug/ml



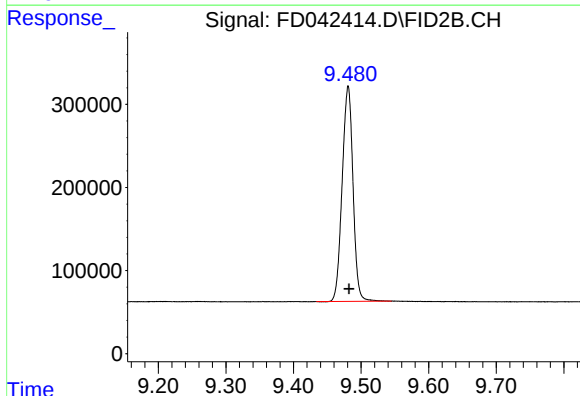
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.025 min
Response: 2919972
Conc: 20.95 ug/ml



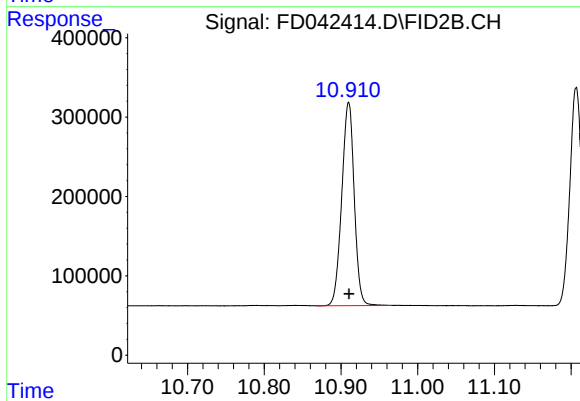
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 2895670
Conc: 20.33 ug/ml



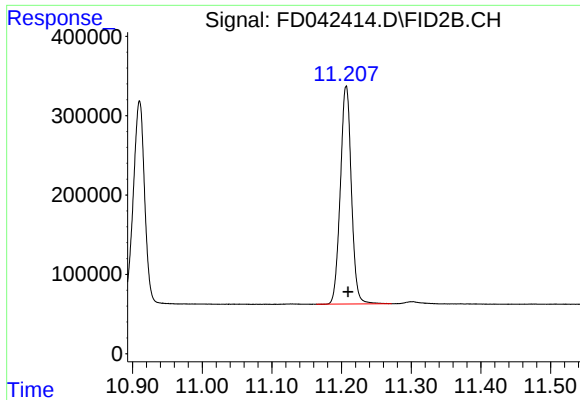
#7 n-Hexadecane (C16)

R.T.: 9.481 min
Delta R.T.: -0.001 min
Response: 2890207
Conc: 19.89 ug/ml



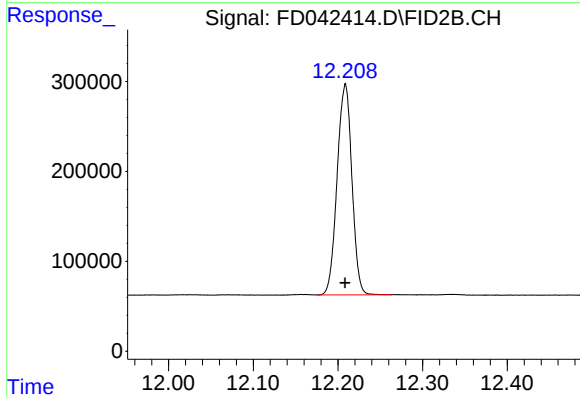
#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 2889496
Conc: 19.28 ug/ml



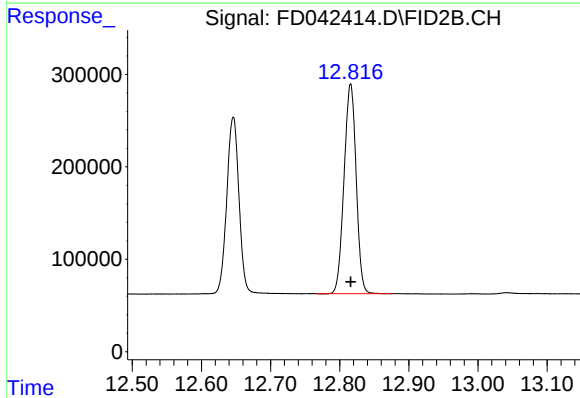
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.003 min
Response: 3027606
Conc: 18.05 ug/ml



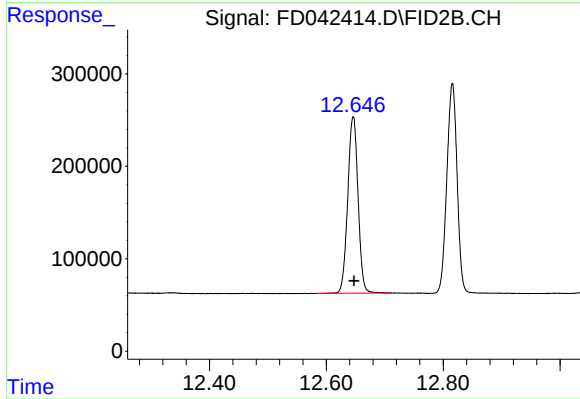
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 2842333
Conc: 18.57 ug/ml



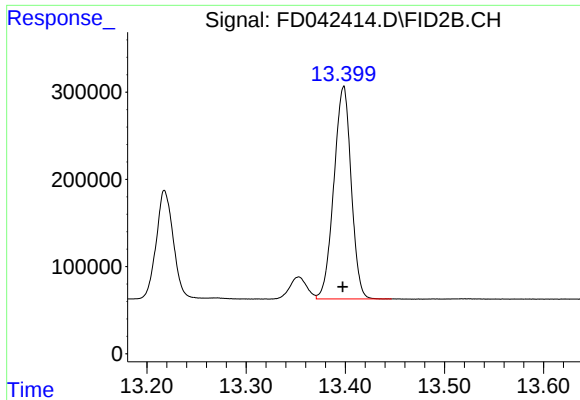
#11 n-Heneicosane (C21)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 2763546
Conc: 17.93 ug/ml



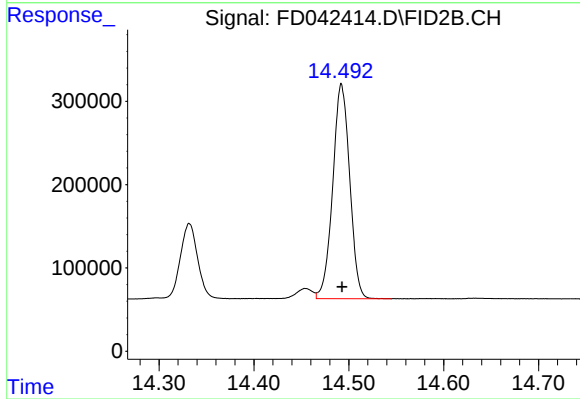
#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: -0.001 min
Response: 2344582
Conc: 17.77 ug/ml



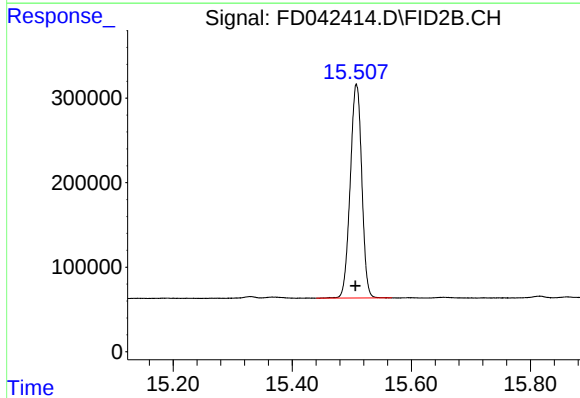
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 2961004
Conc: 19.21 ug/ml



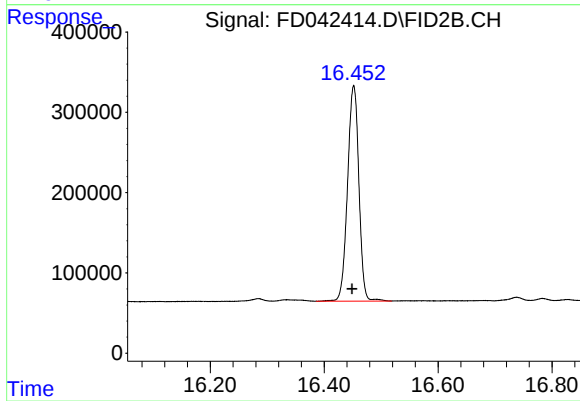
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 3206692
Conc: 20.73 ug/ml



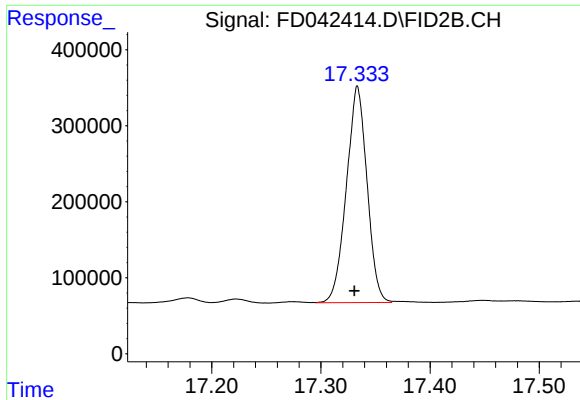
#15 n-Hexacosane (C26)

R.T.: 15.508 min
Delta R.T.: 0.002 min
Response: 3407483
Conc: 22.15 ug/ml



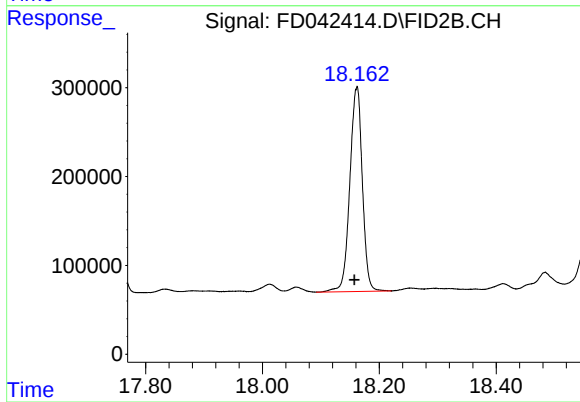
#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.003 min
Response: 3708867
Conc: 24.26 ug/ml



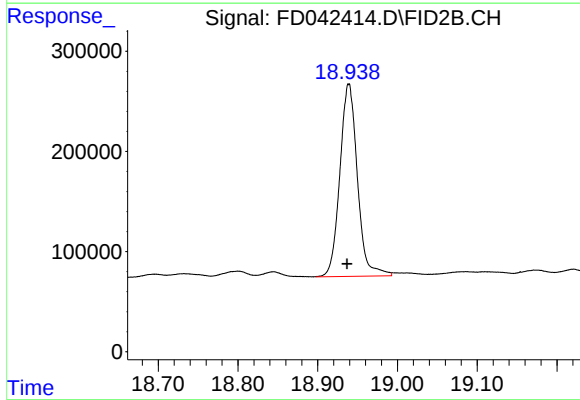
#17 n-Tricontane (C30)

R.T.: 17.333 min
Delta R.T.: 0.002 min
Response: 3742070
Conc: 24.95 ug/ml m



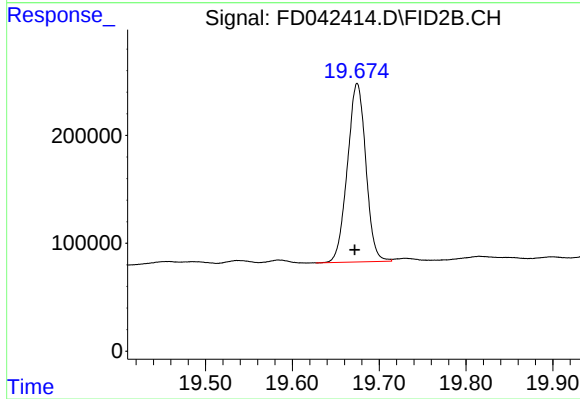
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.004 min
Response: 3421591
Conc: 24.20 ug/ml



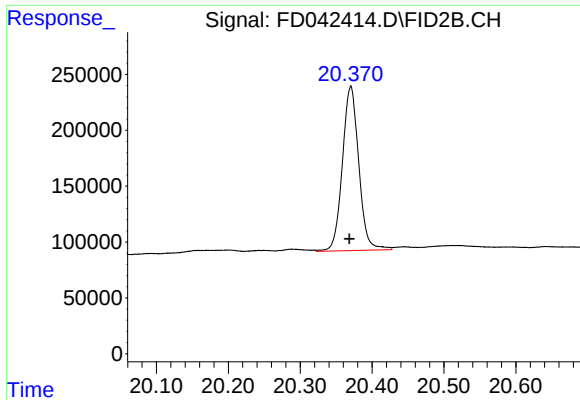
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 2940054
Conc: 22.85 ug/ml m



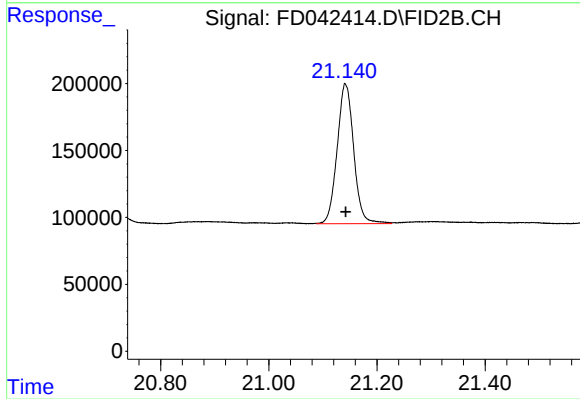
#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 2446259
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.002 min
Response: 2321378
Conc: 23.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 2216827
Conc: 24.58 ug/ml m