

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042922AL\
 Data File : FD042222.D
 Signal(s) : FID2B.CH
 Acq On : 30 Apr 2022 7:02
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 30 07:21:46 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	3163378	18.862 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
12) S 1-chlorooctadecane (S...	12.647	2418835	18.330 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.078	2857625	20.965 ug/ml
2) T n-Decane (C10)	4.122	2873595	21.443 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3021469	20.844 ug/ml
4) T n-Dodecane (C12)	6.117	2941443	20.661 ug/ml
5) T A~2-methylnaphthalene...	6.718	2990854	21.462 ug/ml
6) T n-Tetradecane (C14)	7.893	2941928	20.653 ug/ml
7) T n-Hexadecane (C16)	9.480	2943900	20.258 ug/ml
8) T n-Octadecane (C18)	10.910	2935603	19.587 ug/ml
10) T n-Eicosane (C20)	12.210	2865536	18.721 ug/ml
11) T n-Heneicosane (C21)	12.817	2820218	18.293 ug/ml
13) T n-Docosane (C22)	13.400	2903597	18.837 ug/ml
14) T n-Tetracosane (C24)	14.495	2964415	19.168 ug/ml
15) T n-Hexacosane (C26)	15.510	2994345	19.467 ug/ml
16) T n-Octacosane (C28)	16.454	3057020	19.995 ug/mlm
17) T n-Tricontane (C30)	17.337	3119856	20.799 ug/ml
18) T n-Dotriacontane (C32)	18.165	2975350	21.042 ug/ml
19) T n-Tetratriacontane (C34)	18.944	2627533	20.417 ug/ml
20) T n-Hexatriacontane (C36)	19.679	2324933	20.545 ug/ml
21) T n-Octatriacontane (C38)	20.376	2192374	21.973 ug/mlm
22) T n-Tetracontane (C40)	21.147	2049052	22.717 ug/ml

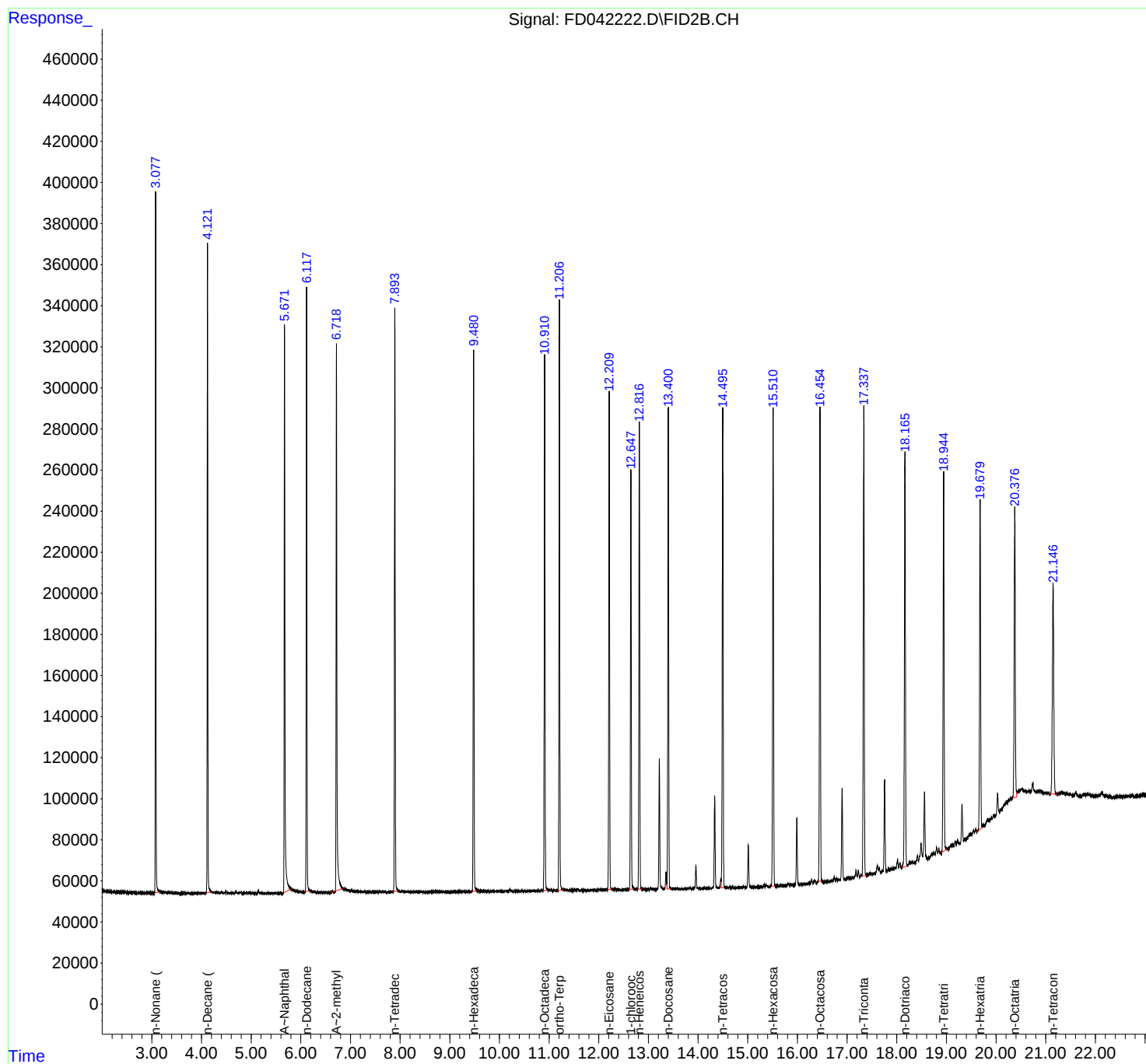
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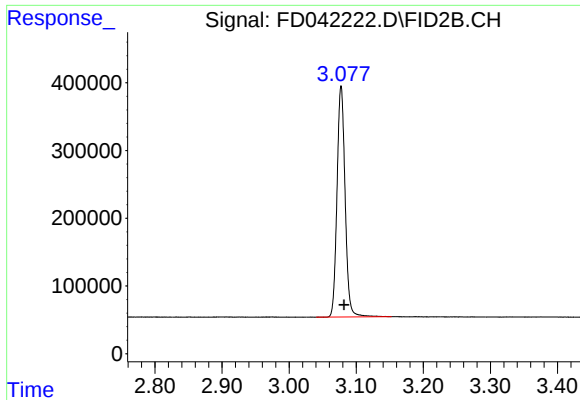
(m)=manual int.

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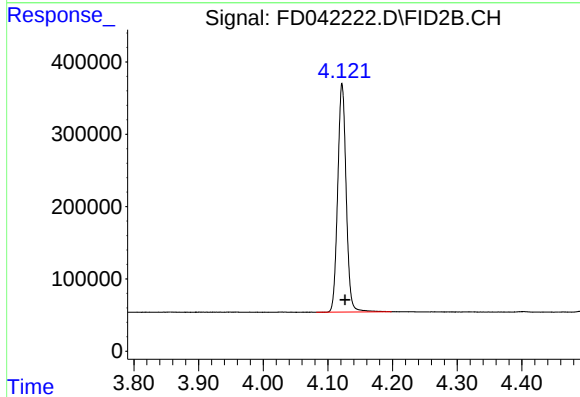
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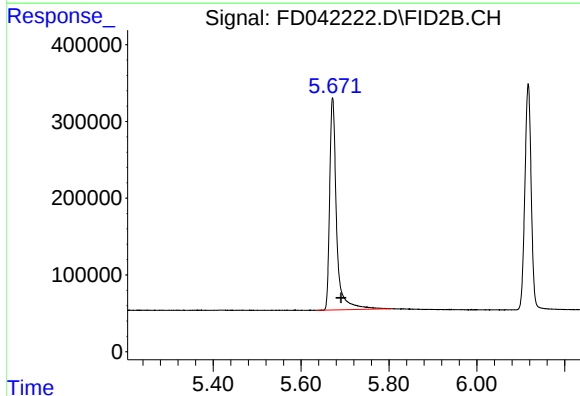
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 2857625
Conc: 20.97 ug/ml



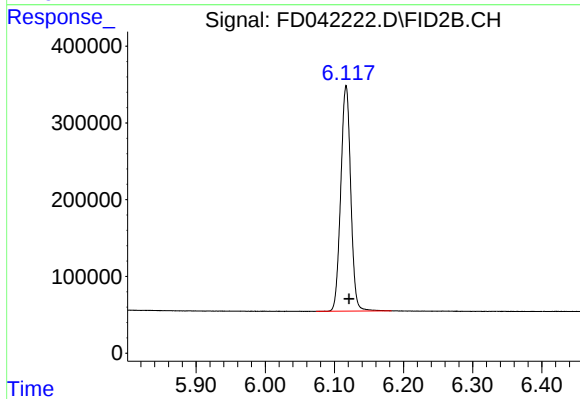
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.005 min
Response: 2873595
Conc: 21.44 ug/ml



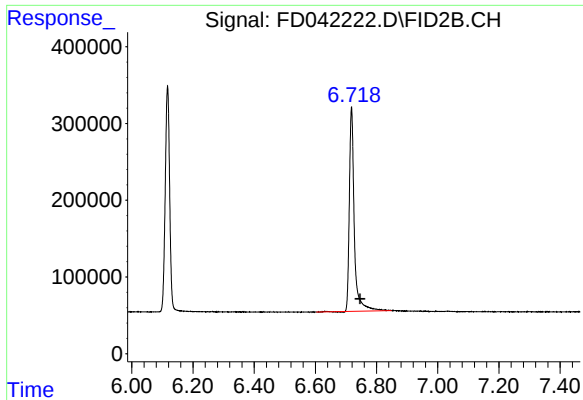
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3021469
Conc: 20.84 ug/ml



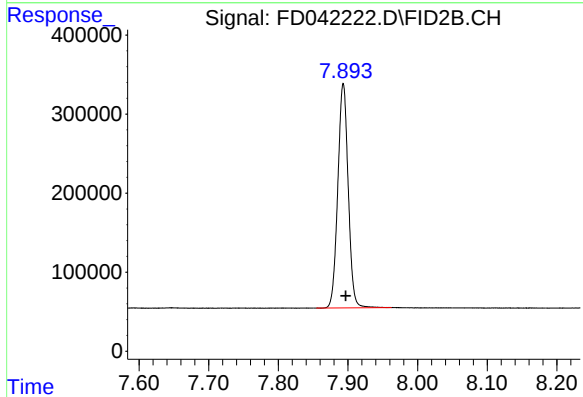
#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 2941443
Conc: 20.66 ug/ml



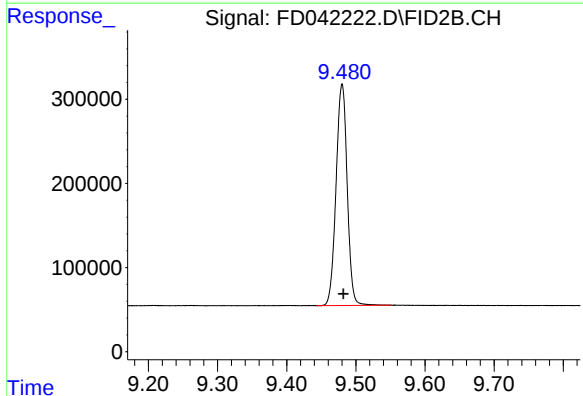
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.028 min
Response: 2990854
Conc: 21.46 ug/ml



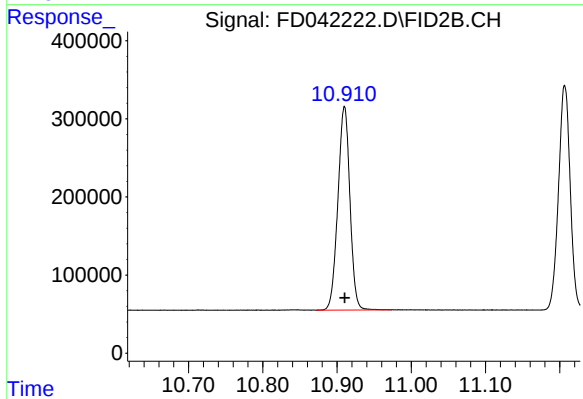
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 2941928
Conc: 20.65 ug/ml



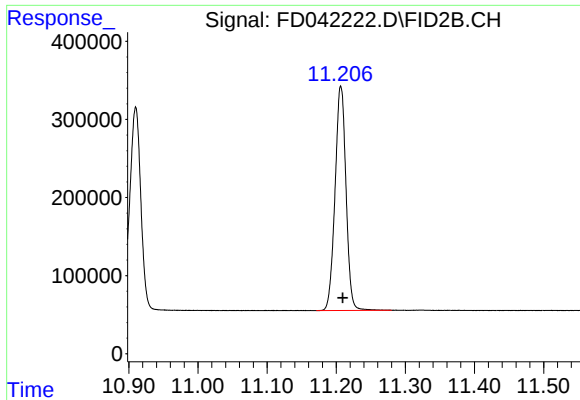
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 2943900
Conc: 20.26 ug/ml



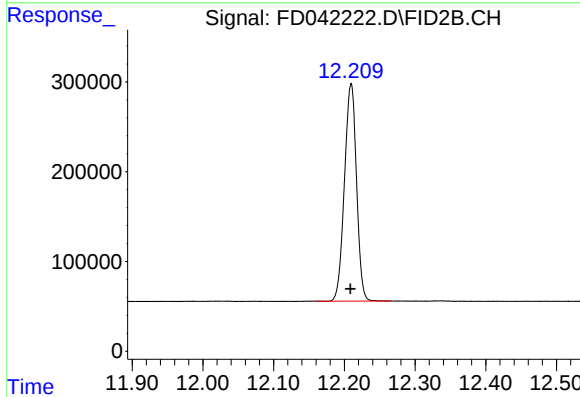
#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 2935603
Conc: 19.59 ug/ml



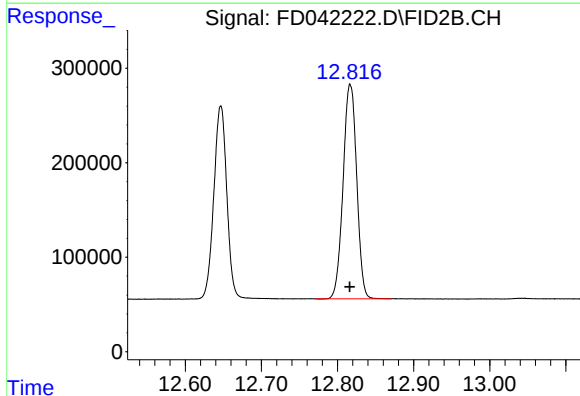
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.003 min
Response: 3163378
Conc: 18.86 ug/ml



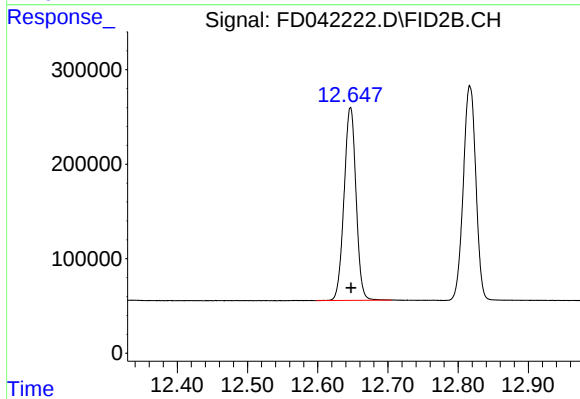
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.001 min
Response: 2865536
Conc: 18.72 ug/ml



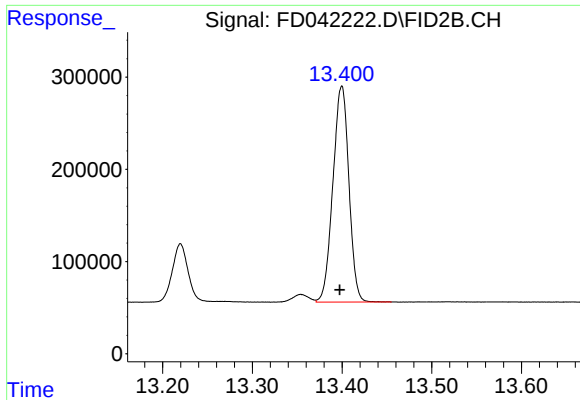
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 2820218
Conc: 18.29 ug/ml



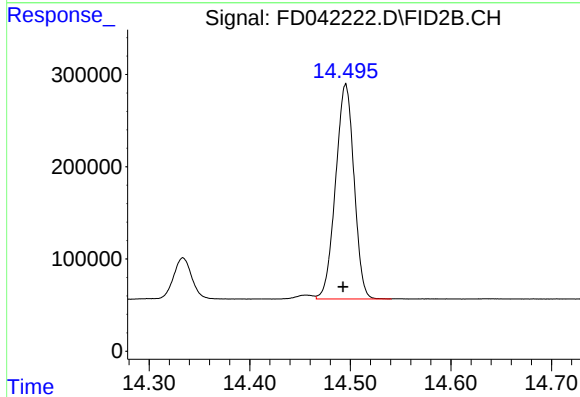
#12 1-chlorooctadecane (SURR)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 2418835
Conc: 18.33 ug/ml



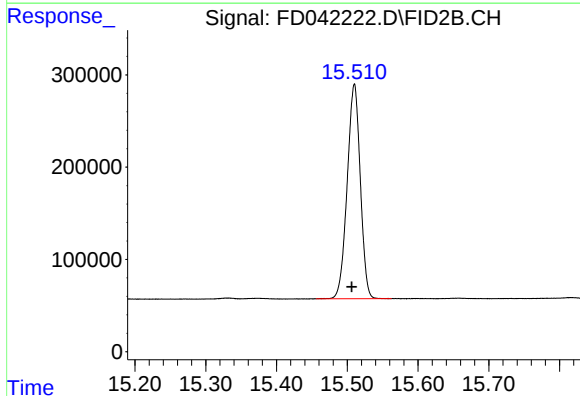
#13 n-Docosane (C22)

R.T.: 13.400 min
Delta R.T.: 0.002 min
Response: 2903597
Conc: 18.84 ug/ml



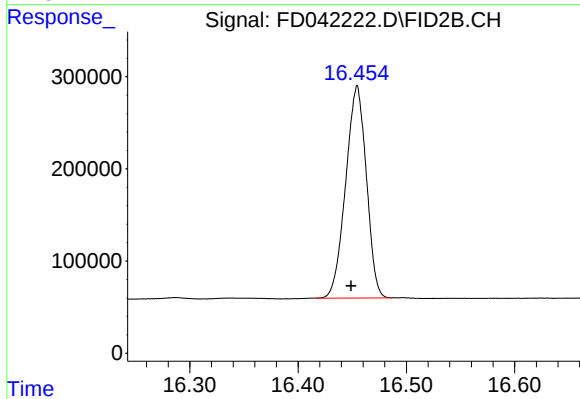
#14 n-Tetracosane (C24)

R.T.: 14.495 min
Delta R.T.: 0.002 min
Response: 2964415
Conc: 19.17 ug/ml



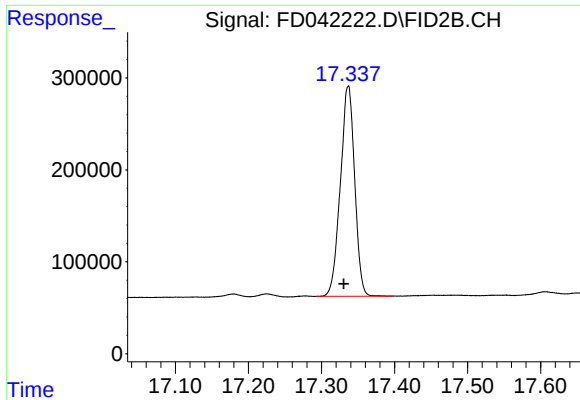
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: 0.004 min
Response: 2994345
Conc: 19.47 ug/ml



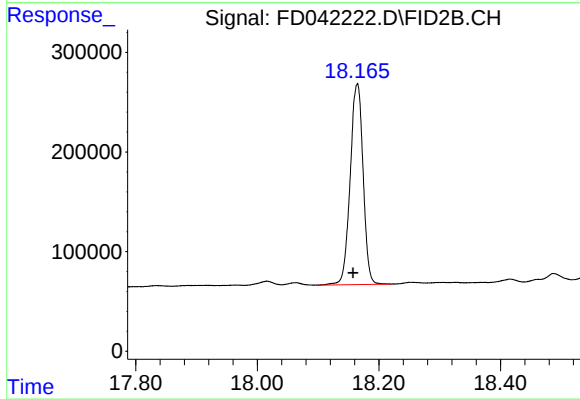
#16 n-Octacosane (C28)

R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 3057020
Conc: 19.99 ug/ml m



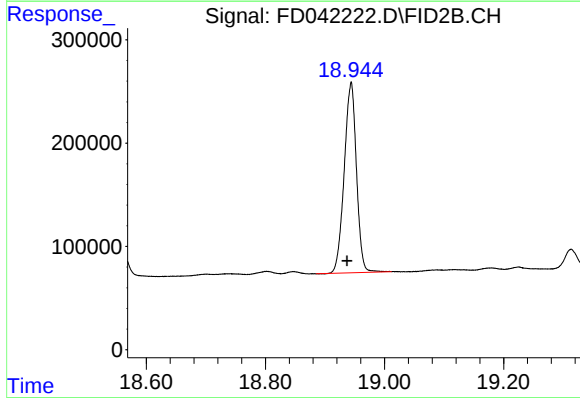
#17 n-Tricontane (C30)

R.T.: 17.337 min
Delta R.T.: 0.006 min
Response: 3119856
Conc: 20.80 ug/ml



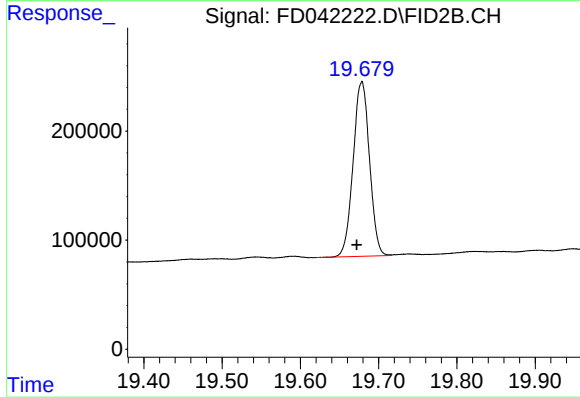
#18 n-Dotriacontane (C32)

R.T.: 18.165 min
Delta R.T.: 0.007 min
Response: 2975350
Conc: 21.04 ug/ml



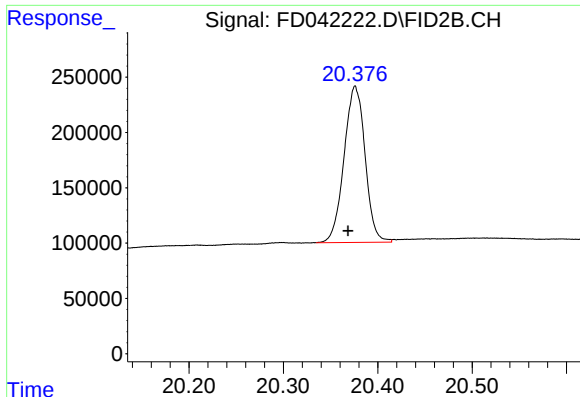
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: 0.007 min
Response: 2627533
Conc: 20.42 ug/ml



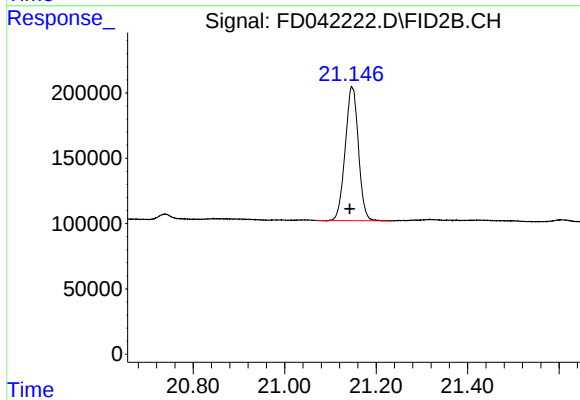
#20 n-Hexatriacontane (C36)

R.T.: 19.679 min
Delta R.T.: 0.007 min
Response: 2324933
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.376 min
Delta R.T.: 0.007 min
Response: 2192374
Conc: 21.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.147 min
Delta R.T.: 0.005 min
Response: 2049052
Conc: 22.72 ug/ml