

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042822AL\
 Data File : FD042167.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2022 11:11
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 29 03:18:01 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	3607528	21.511 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
12) S 1-chlorooctadecane (S...	12.644	2810967	21.302 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T n-Nonane (C9)	3.076	3062698	22.470 ug/ml
2) T n-Decane (C10)	4.120	3091829	23.071 ug/ml
3) T A~Naphthalene (C11.7)	5.670	3265254	22.526 ug/ml
4) T n-Dodecane (C12)	6.115	3198757	22.469 ug/ml
5) T A~2-methylnaphthalene...	6.716	3295062	23.645 ug/ml
6) T n-Tetradecane (C14)	7.891	3228471	22.665 ug/ml
7) T n-Hexadecane (C16)	9.478	3249047	22.358 ug/ml
8) T n-Octadecane (C18)	10.907	3293438	21.975 ug/ml
10) T n-Eicosane (C20)	12.206	3286555	21.472 ug/ml
11) T n-Heneicosane (C21)	12.814	3276597	21.254 ug/ml
13) T n-Docosane (C22)	13.396	3390967	21.999 ug/ml
14) T n-Tetracosane (C24)	14.491	3519438	22.757 ug/ml
15) T n-Hexacosane (C26)	15.506	3553957	23.105 ug/ml
16) T n-Octacosane (C28)	16.450	3616123	23.652 ug/ml
17) T n-Tricontane (C30)	17.332	3532855	23.553 ug/ml
18) T n-Dotriacontane (C32)	18.159	3222849	22.793 ug/ml
19) T n-Tetratriacontane (C34)	18.937	2813467	21.862 ug/ml
20) T n-Hexatriacontane (C36)	19.673	2432527	21.496 ug/ml
21) T n-Octatriacontane (C38)	20.370	2252753	22.578 ug/ml
22) T n-Tetracontane (C40)	21.140	2187167	24.248 ug/ml

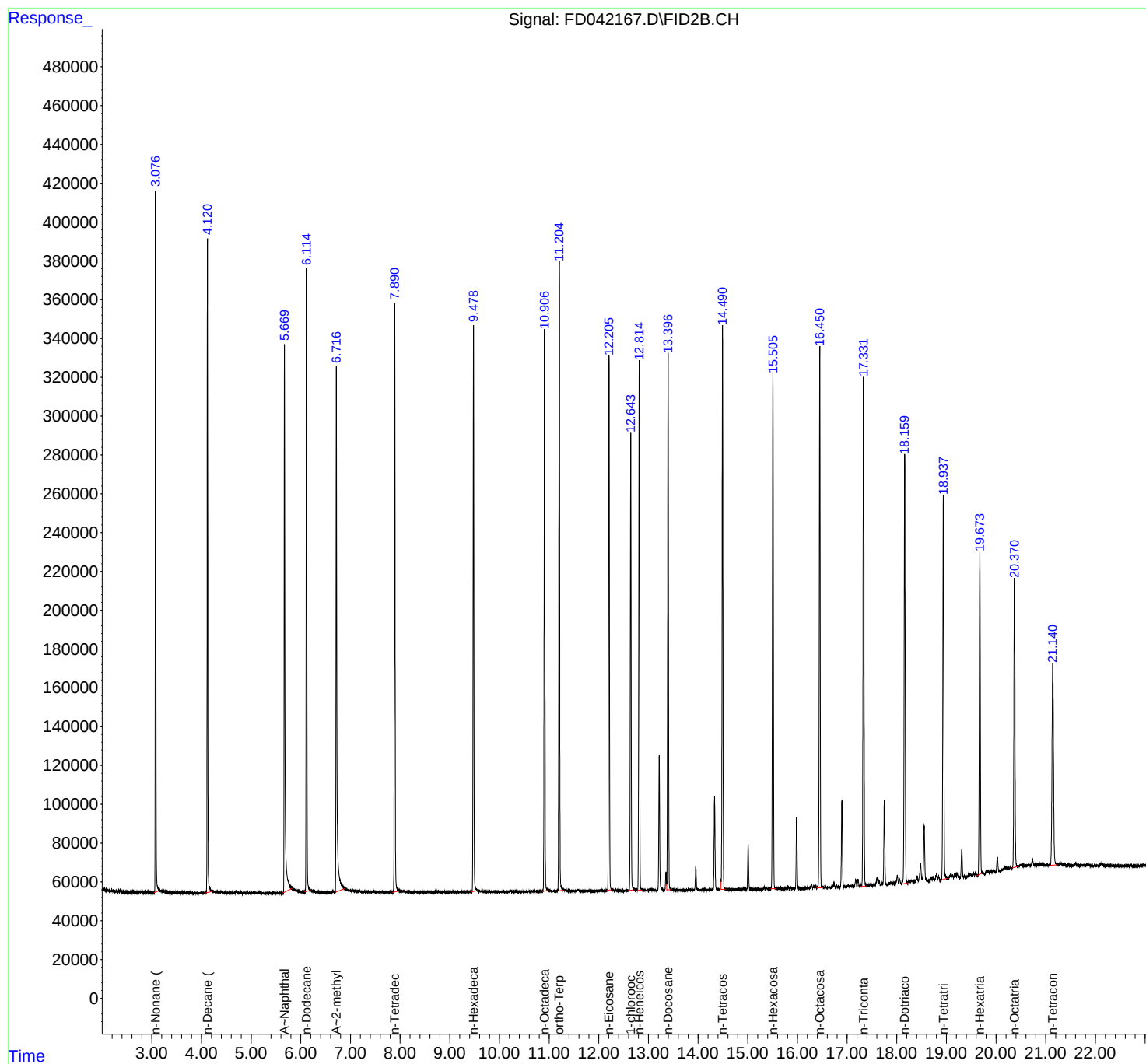
(f)=RT Delta > 1/2 Window

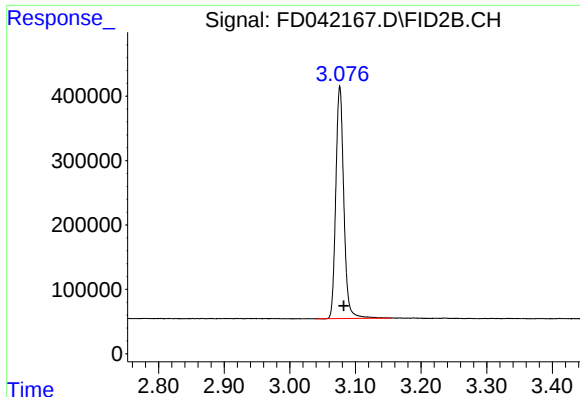
(m)=manual int.

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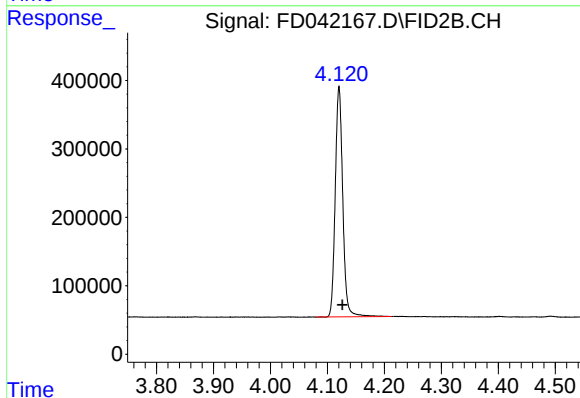
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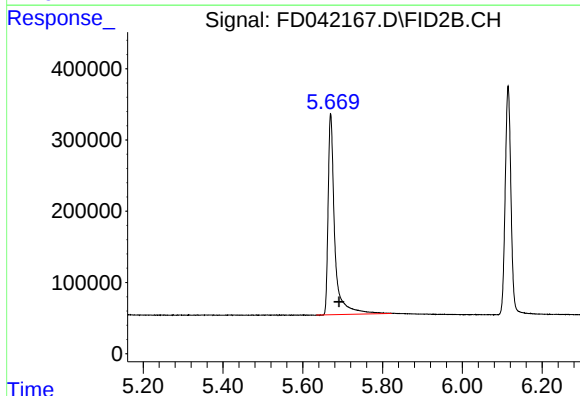
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: -0.006 min
Response: 3062698
Conc: 22.47 ug/ml



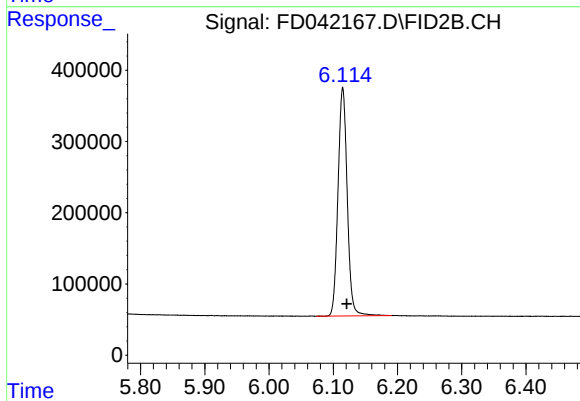
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: -0.006 min
Response: 3091829
Conc: 23.07 ug/ml



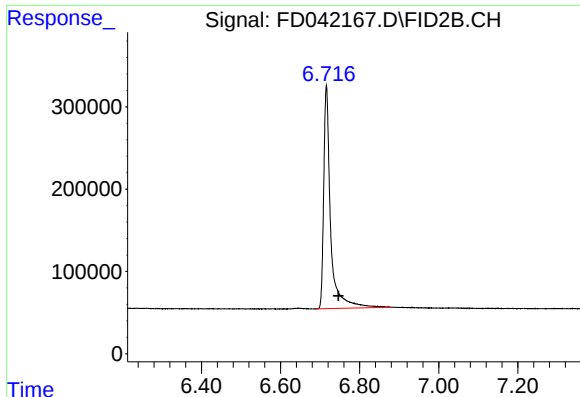
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 3265254
Conc: 22.53 ug/ml



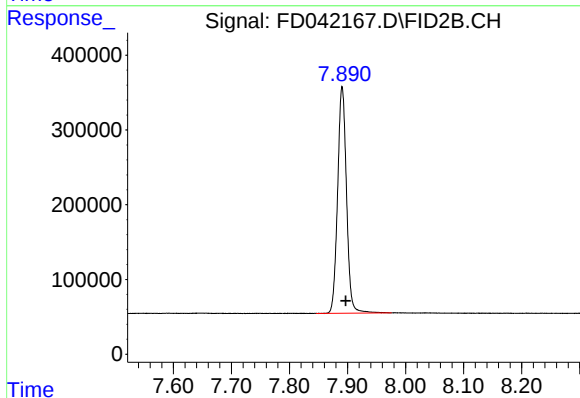
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3198757
Conc: 22.47 ug/ml



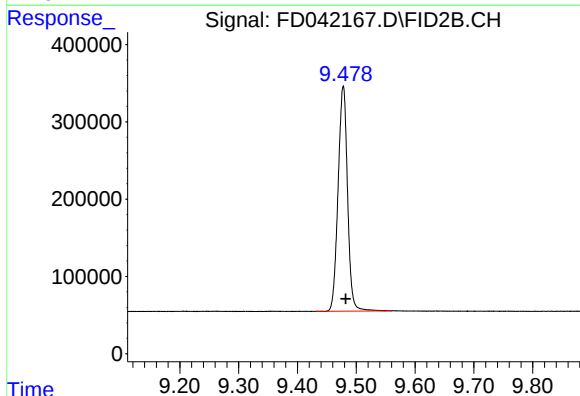
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 3295062
Conc: 23.65 ug/ml



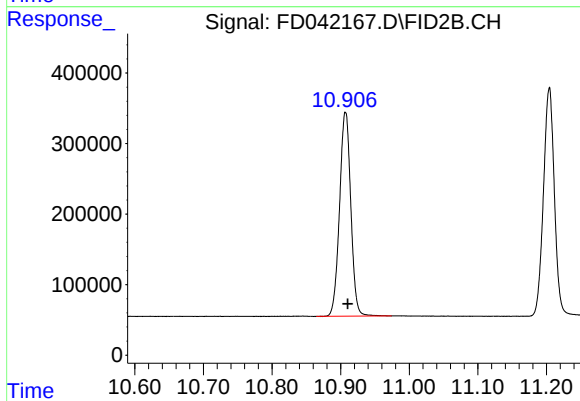
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: -0.006 min
Response: 3228471
Conc: 22.66 ug/ml



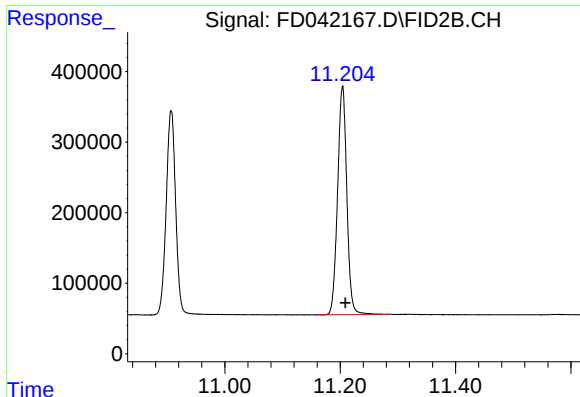
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: -0.004 min
Response: 3249047
Conc: 22.36 ug/ml



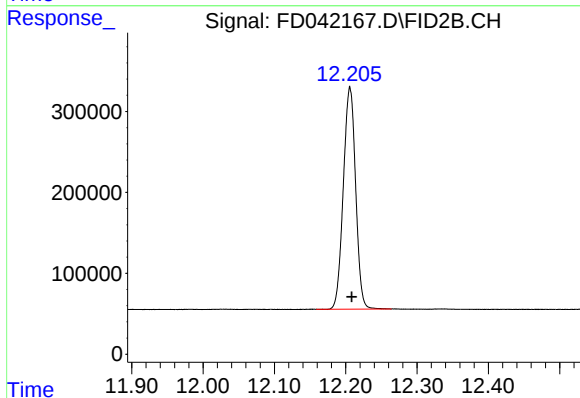
#8 n-Octadecane (C18)

R.T.: 10.907 min
Delta R.T.: -0.003 min
Response: 3293438
Conc: 21.97 ug/ml



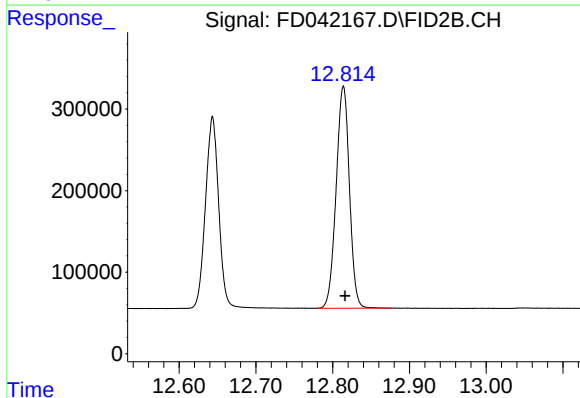
#9 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.005 min
Response: 3607528
Conc: 21.51 ug/ml



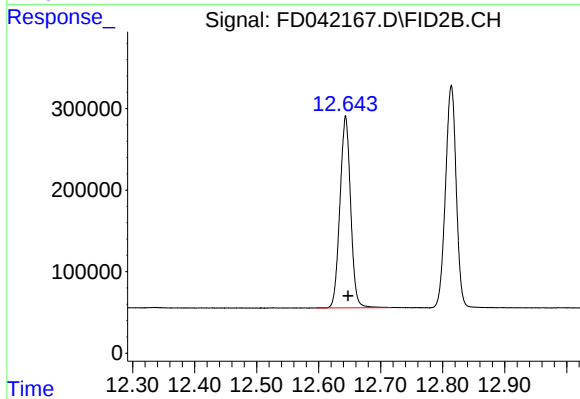
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.003 min
Response: 3286555
Conc: 21.47 ug/ml



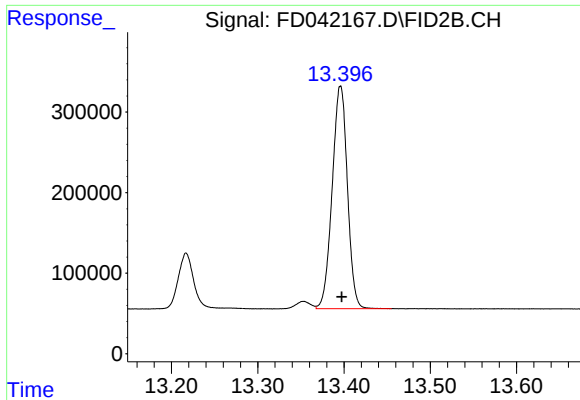
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 3276597
Conc: 21.25 ug/ml



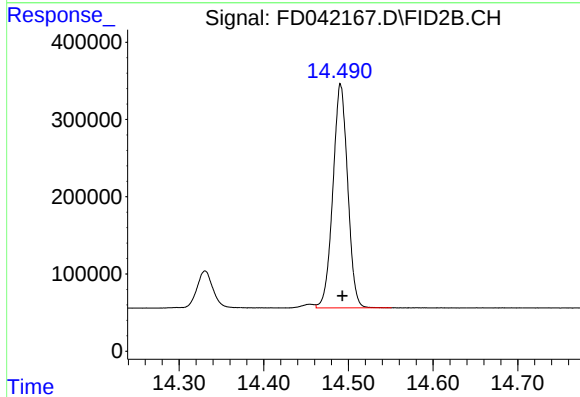
#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 2810967
Conc: 21.30 ug/ml



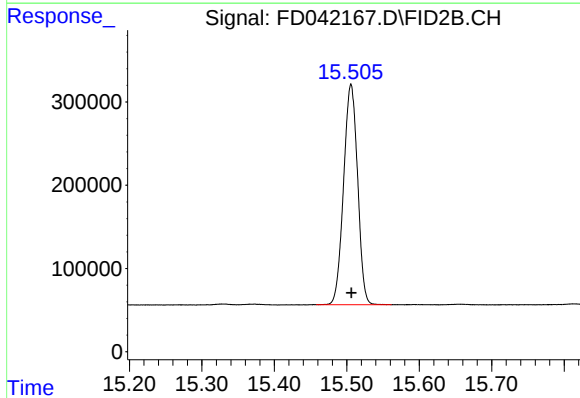
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: -0.001 min
Response: 3390967
Conc: 22.00 ug/ml



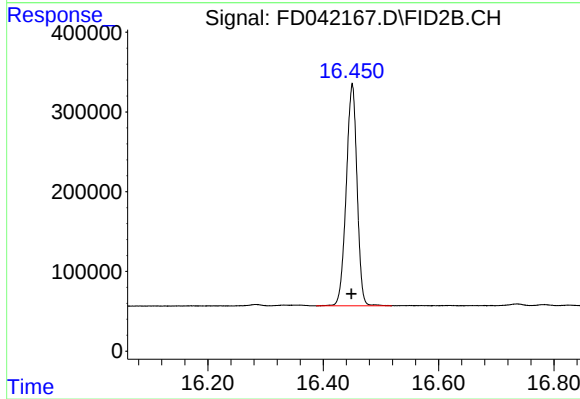
#14 n-Tetracosane (C24)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 3519438
Conc: 22.76 ug/ml



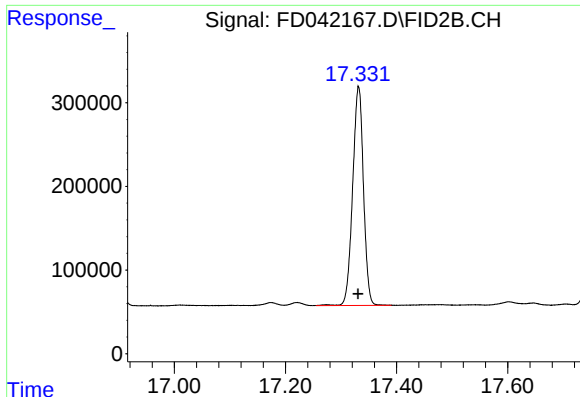
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 3553957
Conc: 23.10 ug/ml



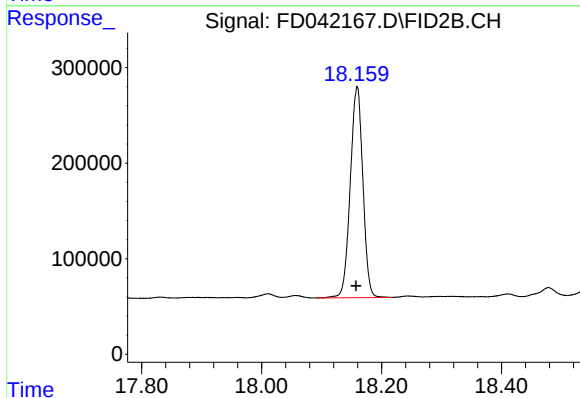
#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.002 min
Response: 3616123
Conc: 23.65 ug/ml



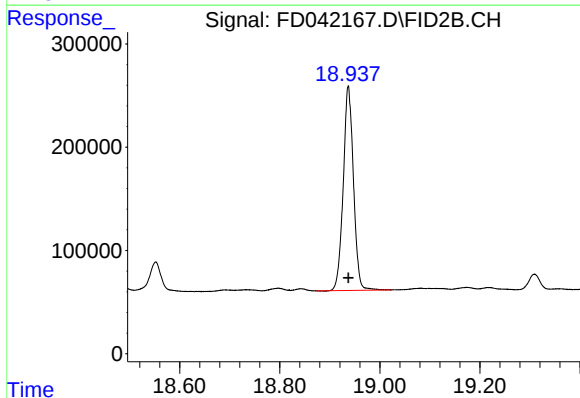
#17 n-Tricontane (C30)

R.T.: 17.332 min
Delta R.T.: 0.001 min
Response: 3532855
Conc: 23.55 ug/ml



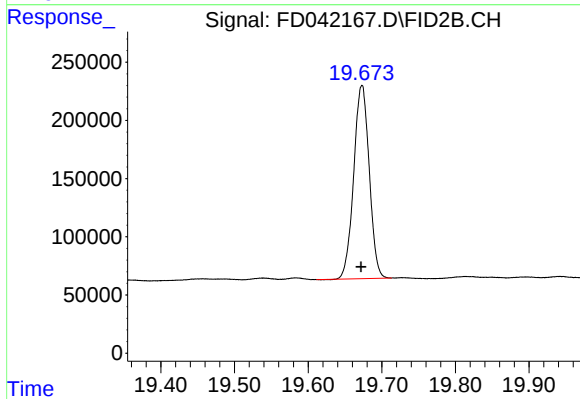
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 3222849
Conc: 22.79 ug/ml



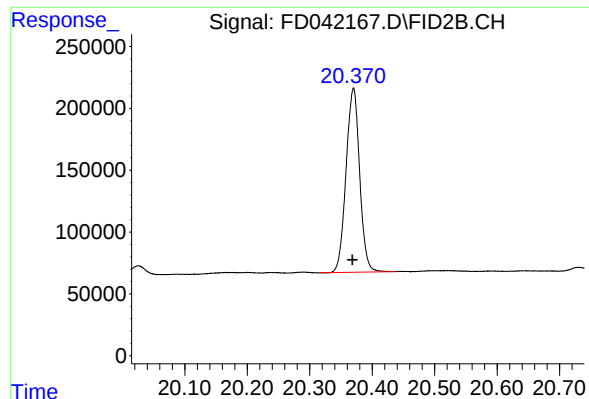
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 2813467
Conc: 21.86 ug/ml



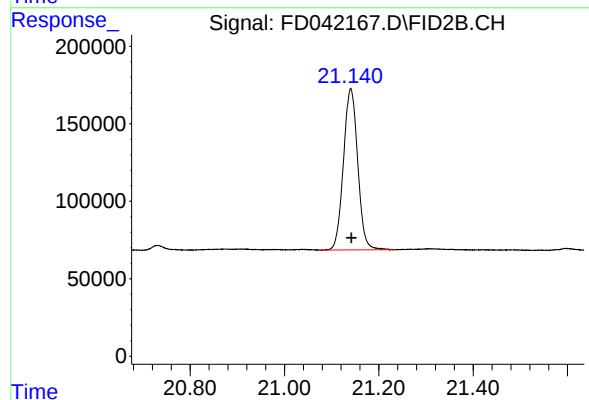
#20 n-Hexatriacontane (C36)

R.T.: 19.673 min
Delta R.T.: 0.001 min
Response: 2432527
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.002 min
Response: 2252753
Conc: 22.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 2187167
Conc: 24.25 ug/ml