

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032822AL\
 Data File : FD041777.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2022 21:42
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 29 03:12:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.227	3647106	20.566 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
12) S 1-chlorooctadecane (S...	12.667	2899538	20.940 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
Target Compounds			
1) T n-Nonane (C9)	3.091	3049167	20.728 ug/ml
2) T n-Decane (C10)	4.138	3028497	20.740 ug/ml
3) T A~Naphthalene (C11.7)	5.689	3253009	20.825 ug/ml
4) T n-Dodecane (C12)	6.134	3132389	20.795 ug/ml
5) T A~2-methylnaphthalene...	6.735	3262986	20.977 ug/ml
6) T n-Tetradecane (C14)	7.912	3158928	20.738 ug/ml
7) T n-Hexadecane (C16)	9.499	3222152	20.897 ug/ml
8) T n-Octadecane (C18)	10.929	3308251	20.998 ug/ml
10) T n-Eicosane (C20)	12.229	3348325	21.166 ug/ml
11) T n-Heneicosane (C21)	12.838	3375454	21.079 ug/ml
13) T n-Docosane (C22)	13.420	3442256	21.432 ug/ml
14) T n-Tetracosane (C24)	14.516	3555769	21.997 ug/ml
15) T n-Hexacosane (C26)	15.531	3560196	22.043 ug/ml
16) T n-Octacosane (C28)	16.475	3563078	22.135 ug/ml
17) T n-Tricontane (C30)	17.357	3439533	21.826 ug/ml
18) T n-Dotriacontane (C32)	18.184	3160667	21.299 ug/ml
19) T n-Tetratriacontane (C34)	18.965	2780272	20.751 ug/ml
20) T n-Hexatriacontane (C36)	19.701	2455703	20.508 ug/ml
21) T n-Octatriacontane (C38)	20.398	2295650	20.741 ug/ml
22) T n-Tetracontane (C40)	21.177	2277334	21.152 ug/ml

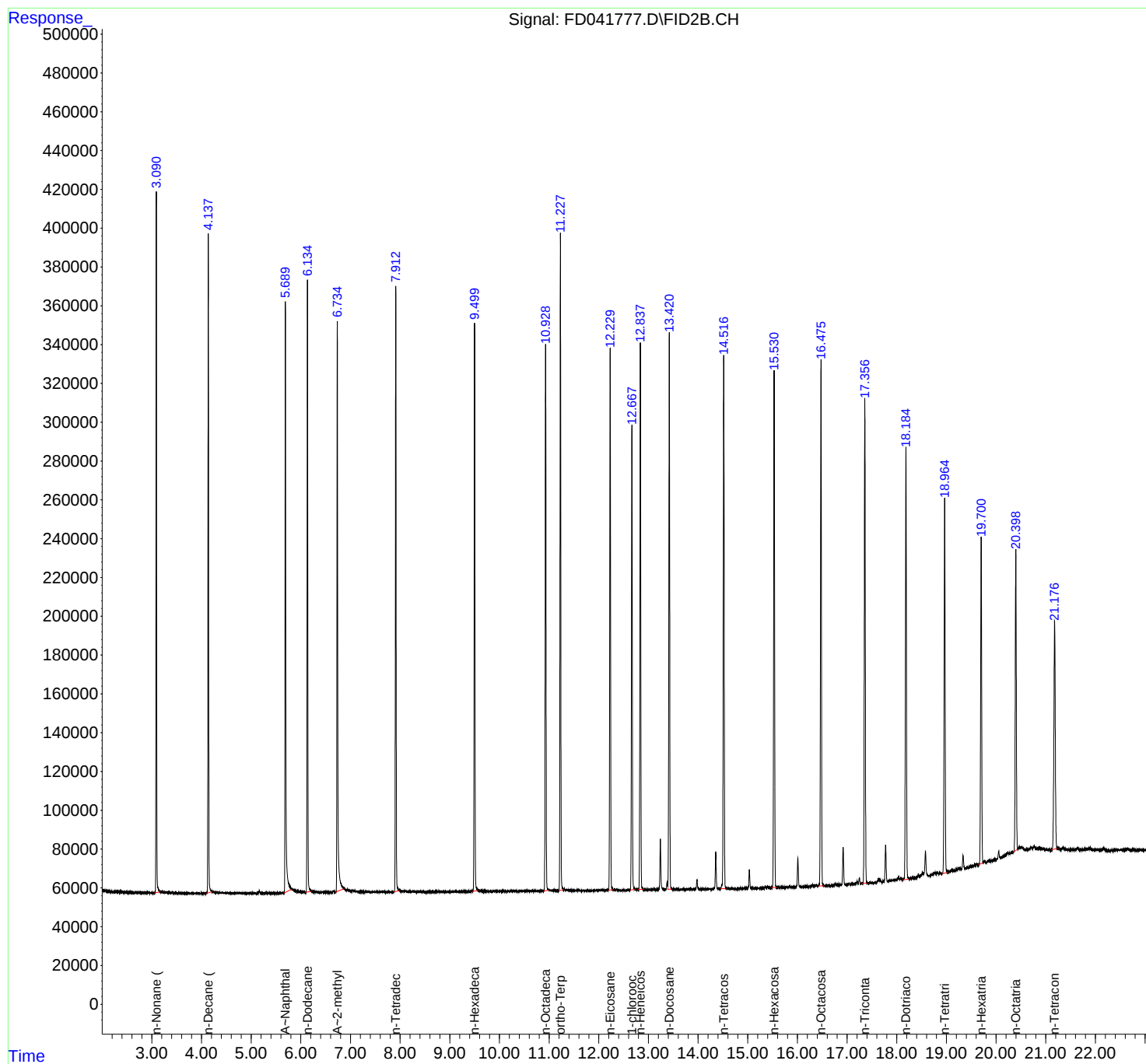
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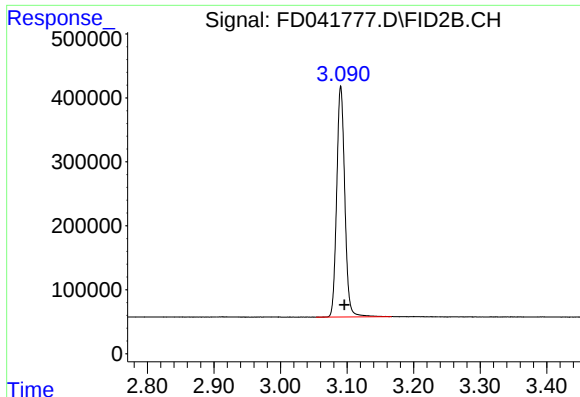
(m)=manual int.

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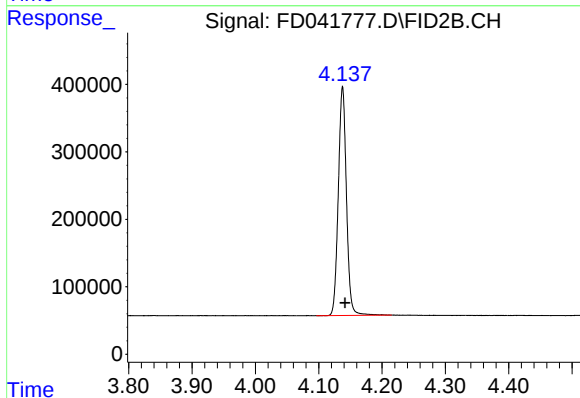
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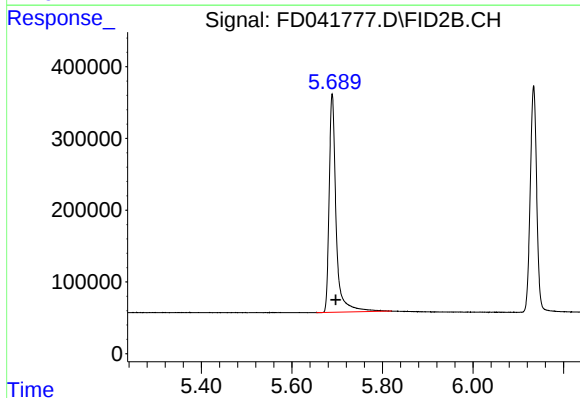
#1 n-Nonane (C9)

R.T.: 3.091 min
Delta R.T.: -0.005 min
Response: 3049167
Conc: 20.73 ug/ml



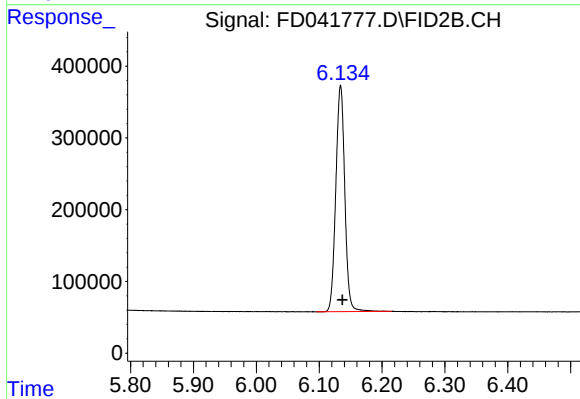
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 3028497
Conc: 20.74 ug/ml



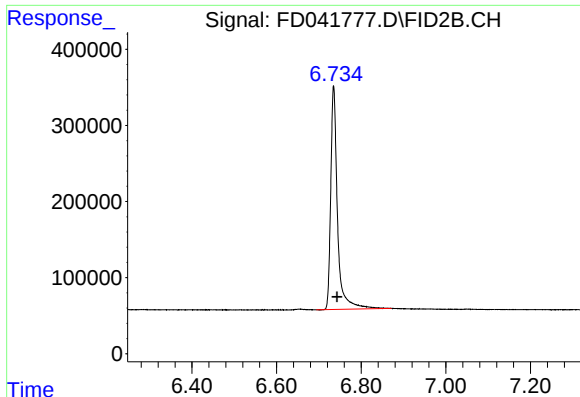
#3 A~Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 3253009
Conc: 20.83 ug/ml



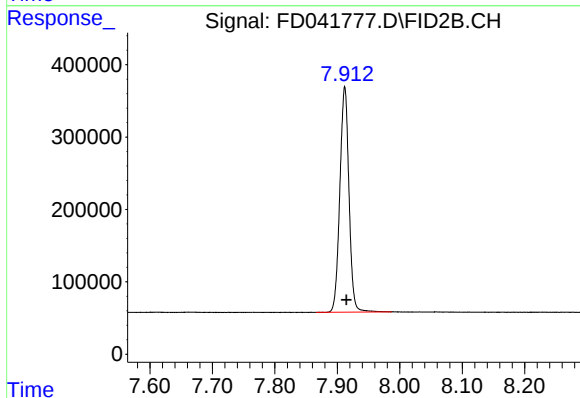
#4 n-Dodecane (C12)

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 3132389
Conc: 20.79 ug/ml



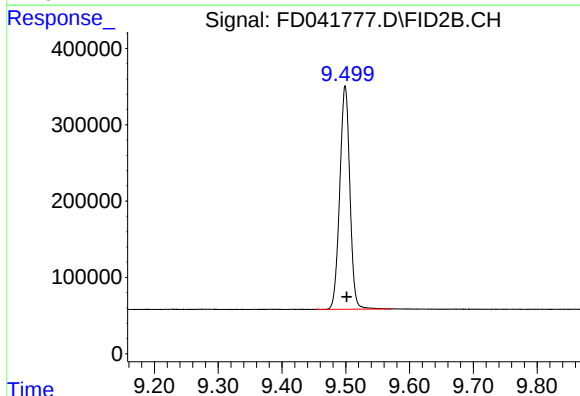
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.008 min
Response: 3262986
Conc: 20.98 ug/ml



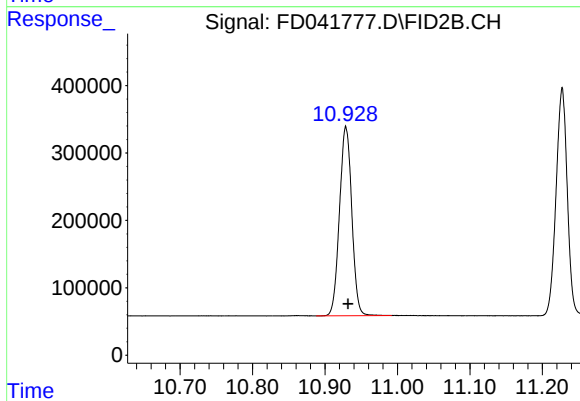
#6 n-Tetradecane (C14)

R.T.: 7.912 min
Delta R.T.: -0.002 min
Response: 3158928
Conc: 20.74 ug/ml



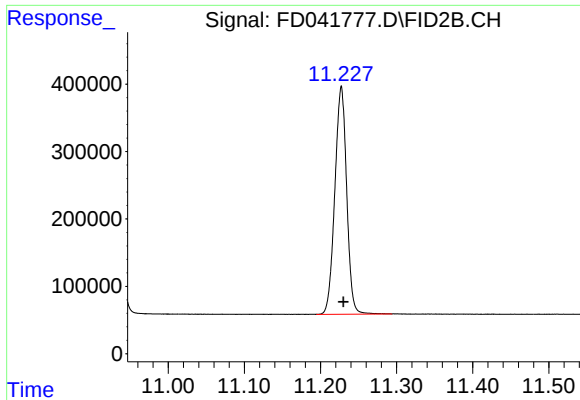
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: -0.002 min
Response: 3222152
Conc: 20.90 ug/ml



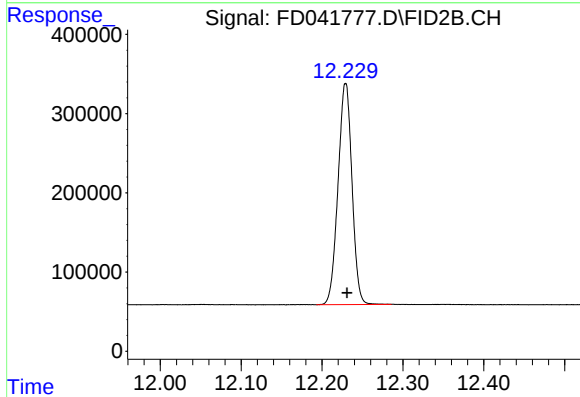
#8 n-Octadecane (C18)

R.T.: 10.929 min
Delta R.T.: -0.003 min
Response: 3308251
Conc: 21.00 ug/ml



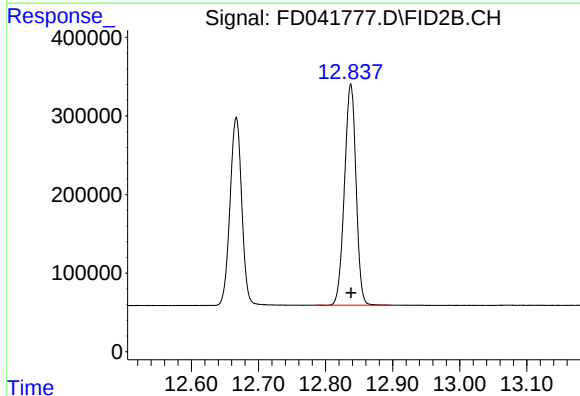
#9 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 3647106
Conc: 20.57 ug/ml



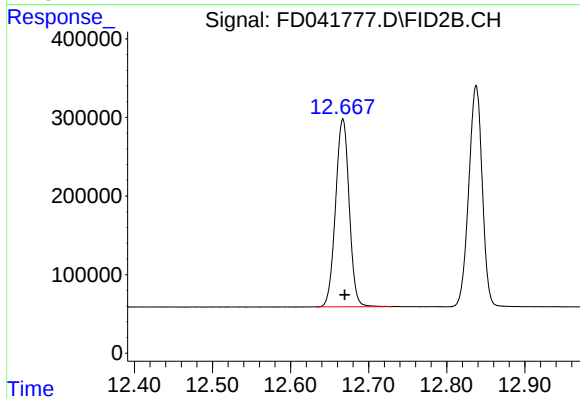
#10 n-Eicosane (C20)

R.T.: 12.229 min
Delta R.T.: -0.002 min
Response: 3348325
Conc: 21.17 ug/ml



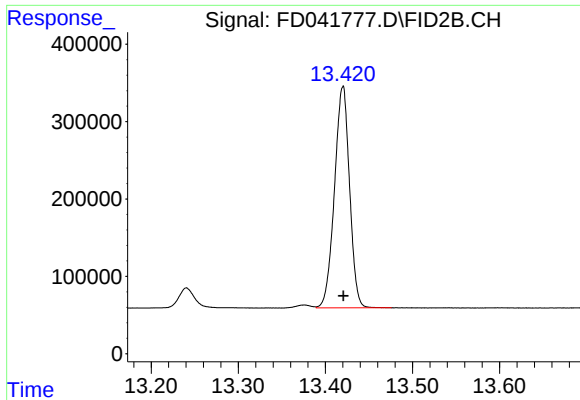
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 3375454
Conc: 21.08 ug/ml



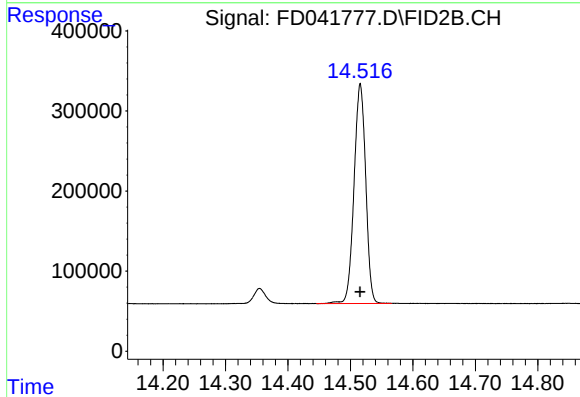
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: -0.002 min
Response: 2899538
Conc: 20.94 ug/ml



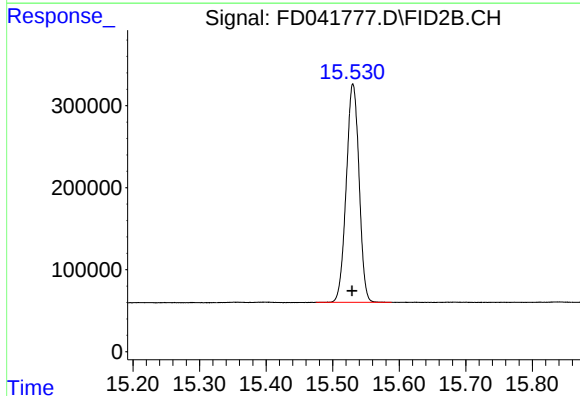
#13 n-Docosane (C22)

R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 3442256
Conc: 21.43 ug/ml



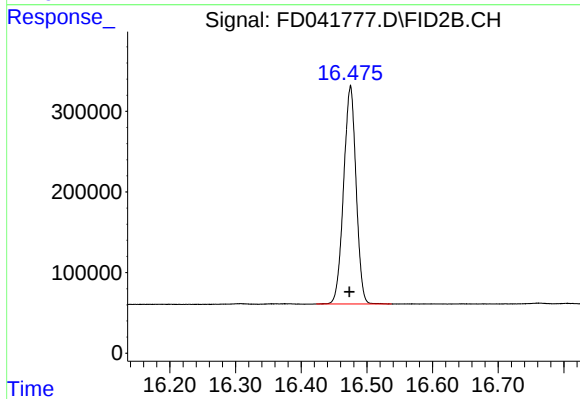
#14 n-Tetracosane (C24)

R.T.: 14.516 min
Delta R.T.: 0.000 min
Response: 3555769
Conc: 22.00 ug/ml



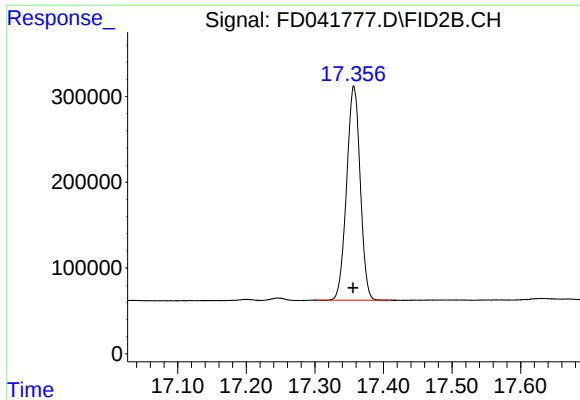
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.001 min
Response: 3560196
Conc: 22.04 ug/ml



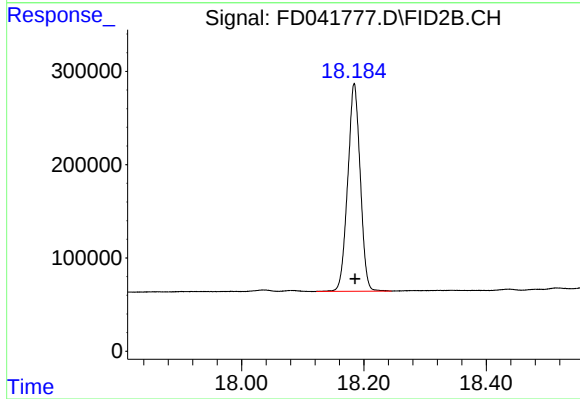
#16 n-Octacosane (C28)

R.T.: 16.475 min
Delta R.T.: 0.002 min
Response: 3563078
Conc: 22.13 ug/ml



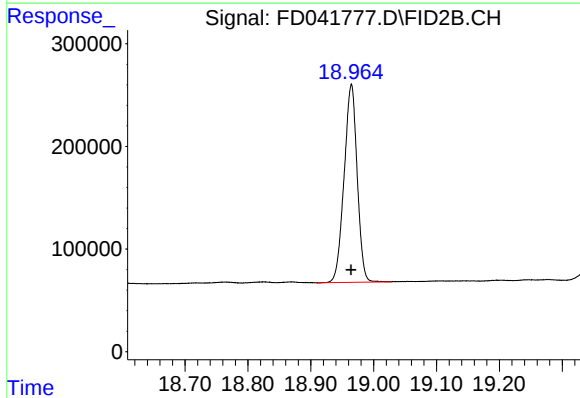
#17 n-Tricontane (C30)

R.T.: 17.357 min
Delta R.T.: 0.001 min
Response: 3439533
Conc: 21.83 ug/ml



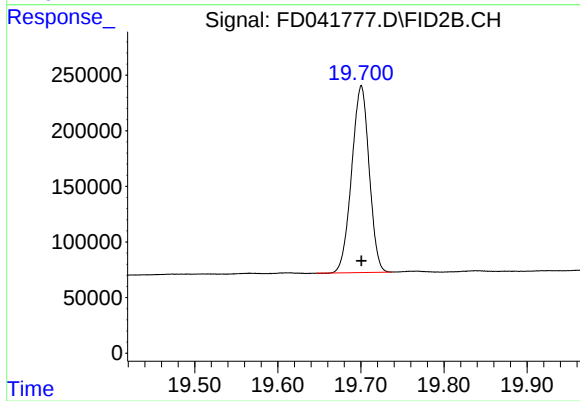
#18 n-Dotriacontane (C32)

R.T.: 18.184 min
Delta R.T.: -0.001 min
Response: 3160667
Conc: 21.30 ug/ml



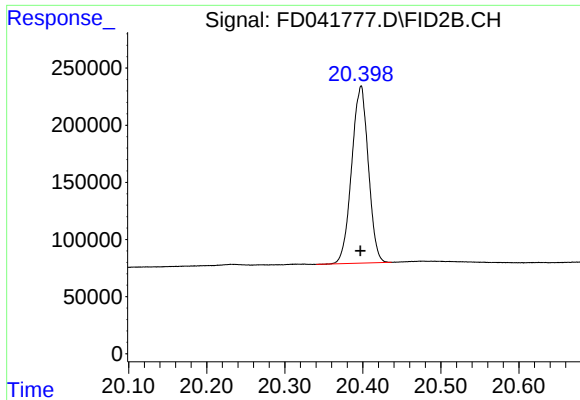
#19 n-Tetratriacontane (C34)

R.T.: 18.965 min
Delta R.T.: 0.000 min
Response: 2780272
Conc: 20.75 ug/ml



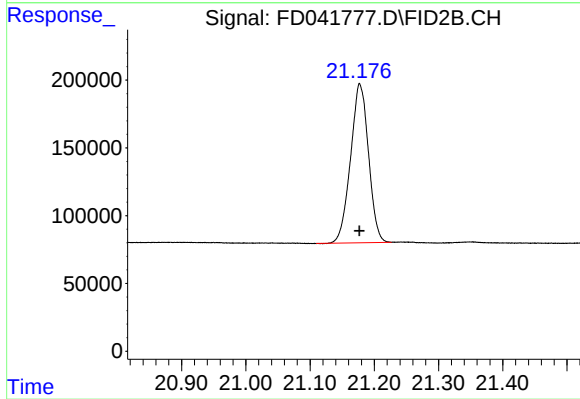
#20 n-Hexatriacontane (C36)

R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 2455703
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: 0.000 min
Response: 2295650
Conc: 20.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 2277334
Conc: 21.15 ug/ml