

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071621AL\
 Data File : FD038237.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2021 10:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 02:05:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.416	2680162	18.541 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	12.851	2060058	18.069 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.229	2524202	20.773 ug/ml
2) T n-Decane (C10)	4.285	2561023	20.938 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2834117	20.732 ug/ml
4) T n-Dodecane (C12)	6.291	2605361	20.918 ug/ml
5) T A~2-methylnaphthalene...	6.907	2834987	20.582 ug/ml
6) T n-Tetradecane (C14)	8.078	2655493	20.660 ug/ml
7) T n-Hexadecane (C16)	9.671	2645606	20.416 ug/ml
8) T n-Octadecane (C18)	11.107	2644235	19.634 ug/ml
10) T n-Eicosane (C20)	12.409	2536956	18.888 ug/ml
11) T n-Heneicosane (C21)	13.019	2503828	18.429 ug/ml
13) T n-Docosane (C22)	13.602	2457565	18.265 ug/ml
14) T n-Tetracosane (C24)	14.699	2434644	18.030 ug/ml
15) T n-Hexacosane (C26)	15.715	2306364	17.505 ug/ml
16) T n-Octacosane (C28)	16.661	2262476	17.352 ug/ml
17) T n-Tricontane (C30)	17.544	2232468	17.469 ug/ml
18) T n-Dotriacontane (C32)	18.373	2184523	17.754 ug/ml
19) T n-Tetratriacontane (C34)	19.152	2155170	18.404 ug/ml
20) T n-Hexatriacontane (C36)	19.888	2074863	18.999 ug/ml
21) T n-Octatriacontane (C38)	20.594	2024833	20.104 ug/ml
22) T n-Tetracontane (C40)	21.424	2084972	21.318 ug/ml

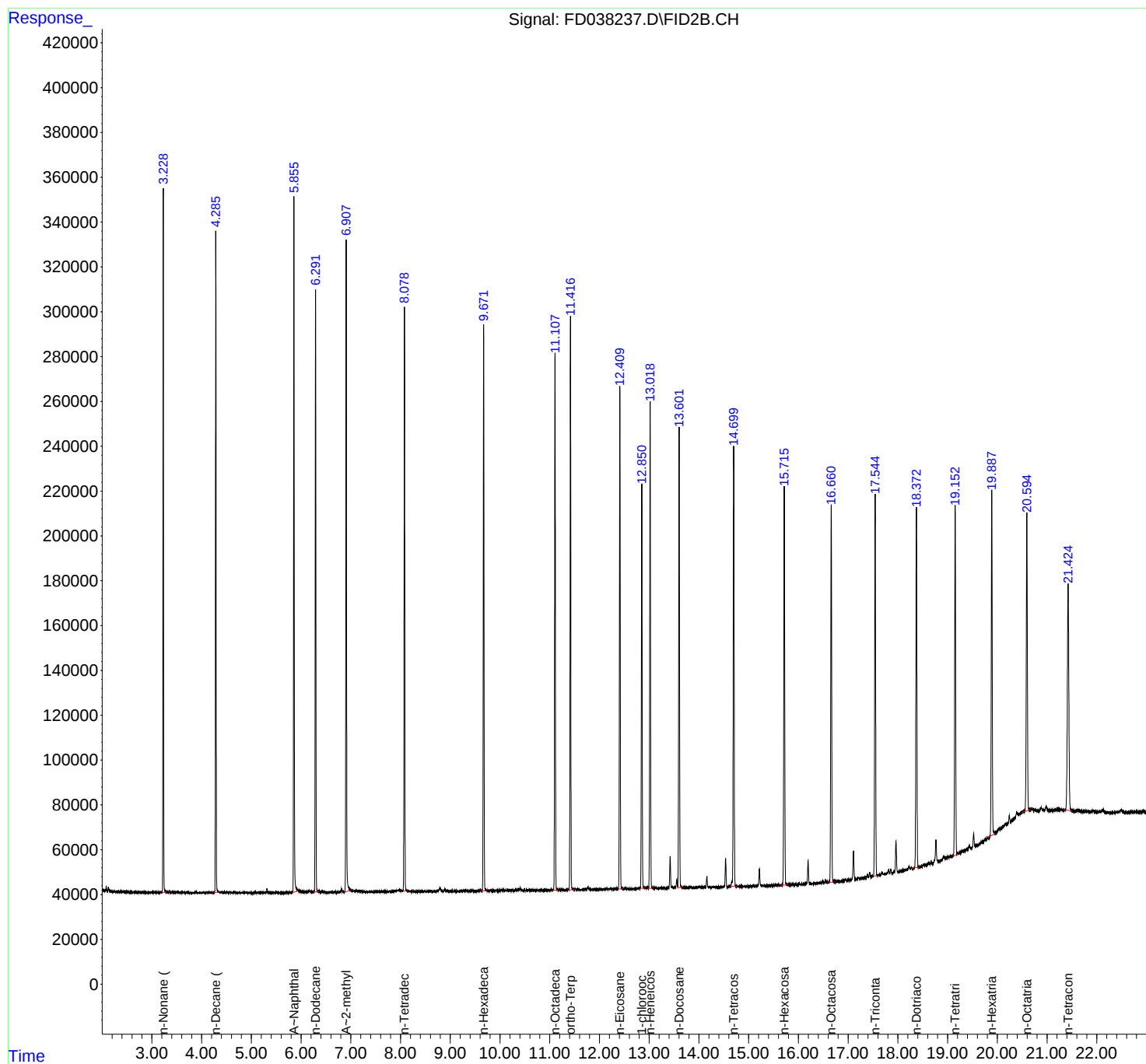
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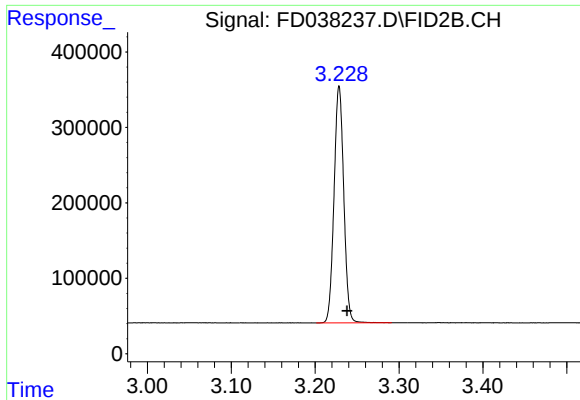
(m)=manual int.

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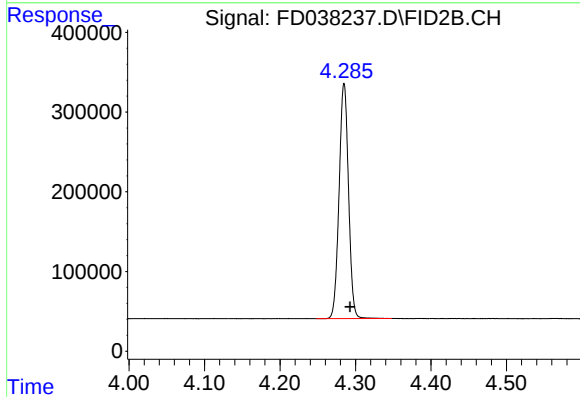
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





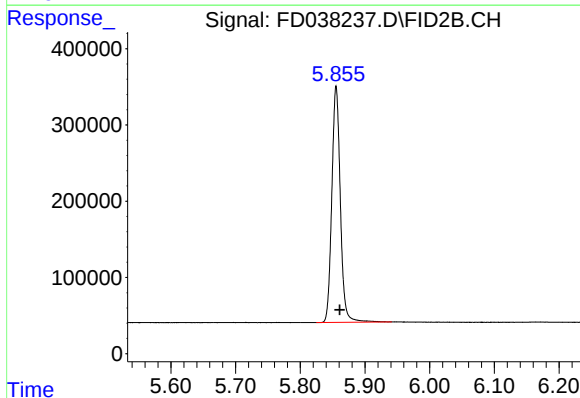
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.009 min
Response: 2524202
Conc: 20.77 ug/ml



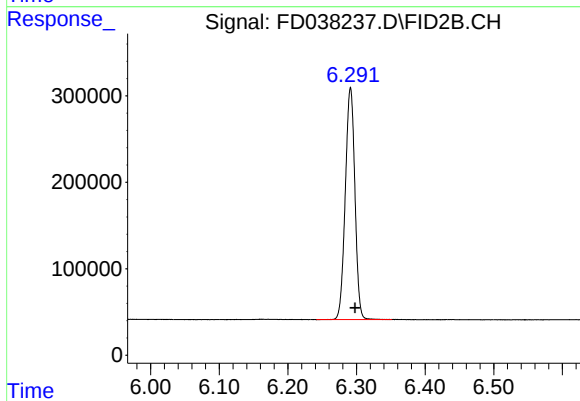
#2 n-Decane (C10)

R.T.: 4.285 min
Delta R.T.: -0.008 min
Response: 2561023
Conc: 20.94 ug/ml



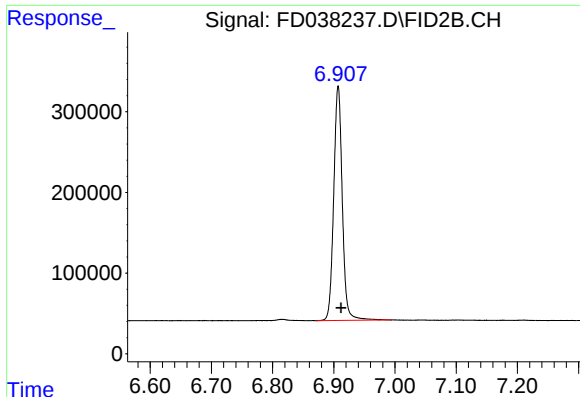
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.006 min
Response: 2834117
Conc: 20.73 ug/ml



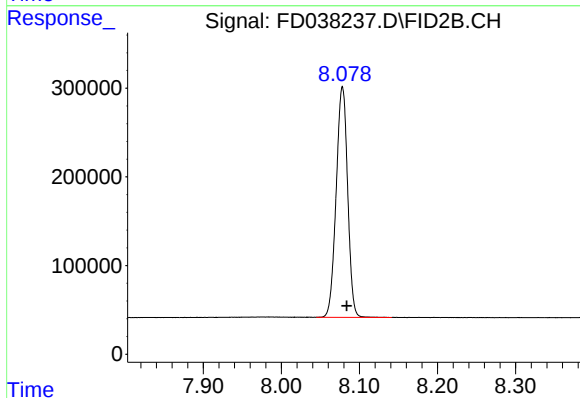
#4 n-Dodecane (C12)

R.T.: 6.291 min
Delta R.T.: -0.007 min
Response: 2605361
Conc: 20.92 ug/ml



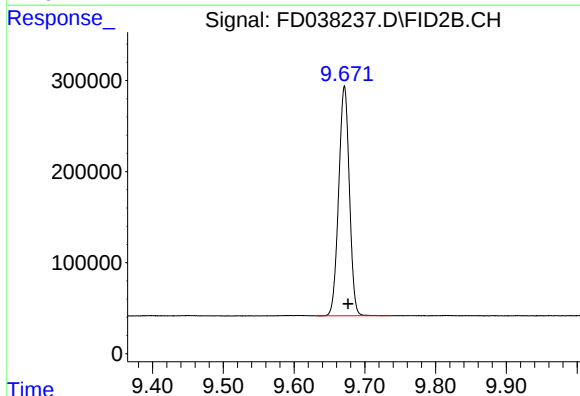
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.005 min
Response: 2834987
Conc: 20.58 ug/ml



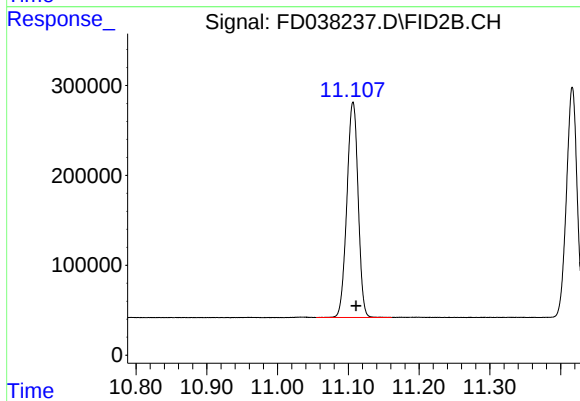
#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: -0.006 min
Response: 2655493
Conc: 20.66 ug/ml



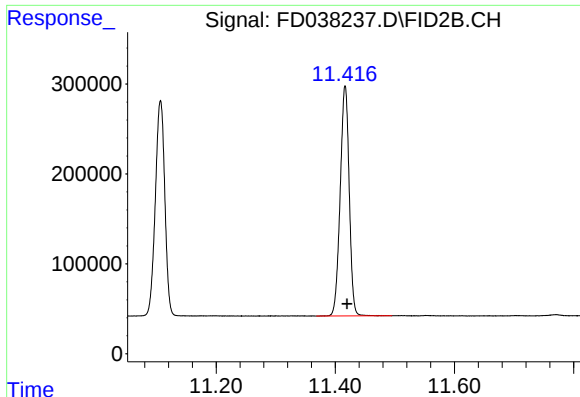
#7 n-Hexadecane (C16)

R.T.: 9.671 min
Delta R.T.: -0.005 min
Response: 2645606
Conc: 20.42 ug/ml



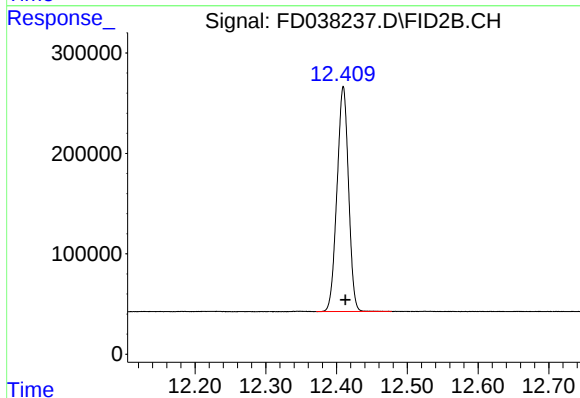
#8 n-Octadecane (C18)

R.T.: 11.107 min
Delta R.T.: -0.004 min
Response: 2644235
Conc: 19.63 ug/ml



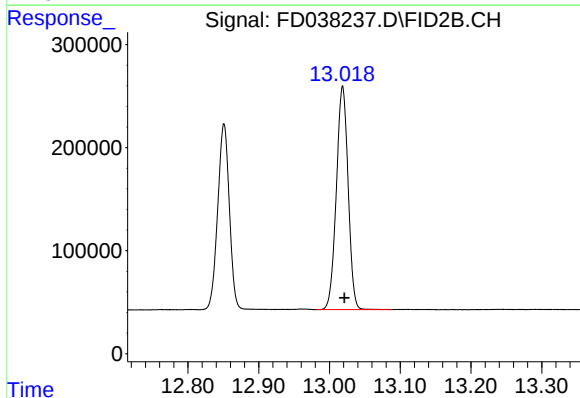
#9 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.003 min
Response: 2680162
Conc: 18.54 ug/ml



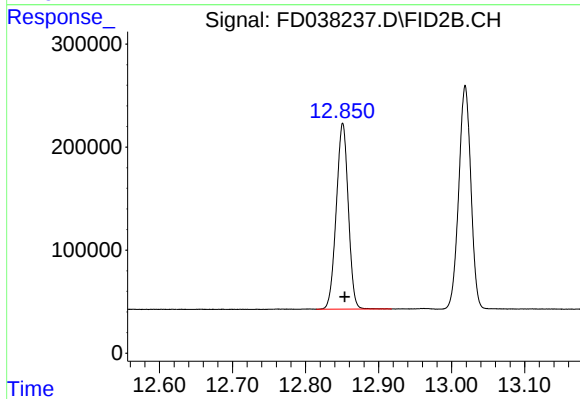
#10 n-Eicosane (C20)

R.T.: 12.409 min
Delta R.T.: -0.003 min
Response: 2536956
Conc: 18.89 ug/ml



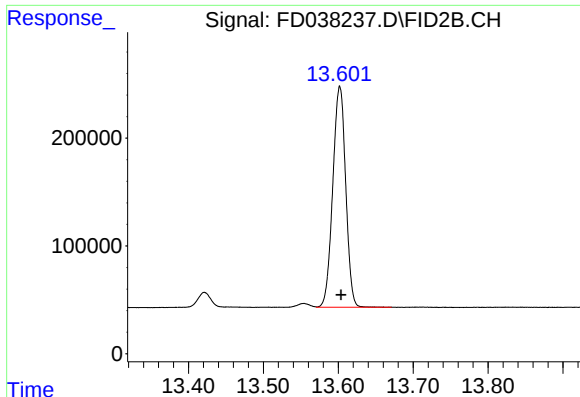
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: -0.003 min
Response: 2503828
Conc: 18.43 ug/ml



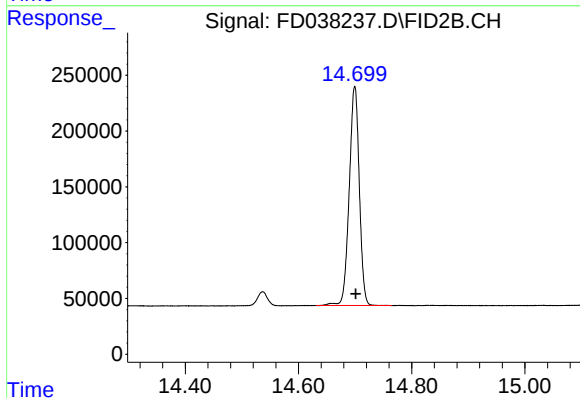
#12 1-chlorooctadecane (SURR)

R.T.: 12.851 min
Delta R.T.: -0.003 min
Response: 2060058
Conc: 18.07 ug/ml



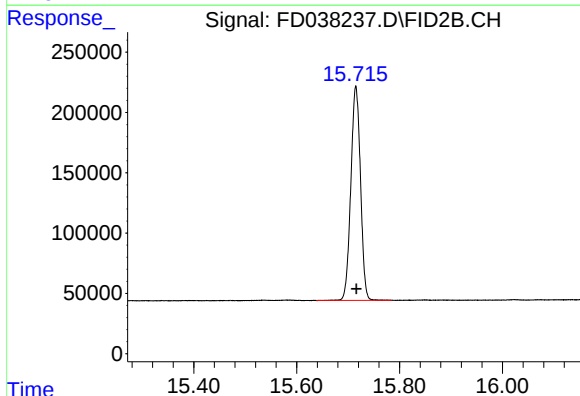
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: -0.002 min
Response: 2457565
Conc: 18.27 ug/ml



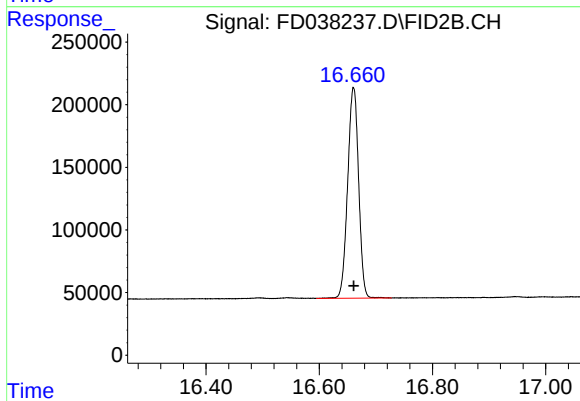
#14 n-Tetracosane (C24)

R.T.: 14.699 min
Delta R.T.: -0.002 min
Response: 2434644
Conc: 18.03 ug/ml



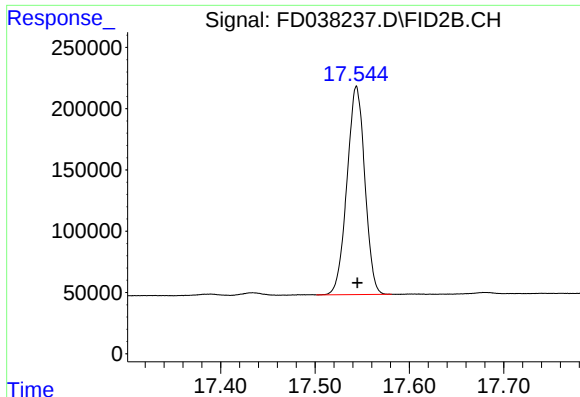
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: -0.001 min
Response: 2306364
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 2262476
Conc: 17.35 ug/ml



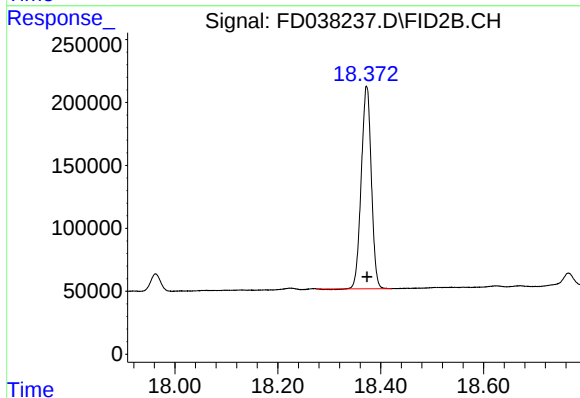
#17 n-Tricontane (C30)

R.T.: 17.544 min

Delta R.T.: -0.001 min

Response: 2232468

Conc: 17.47 ug/ml



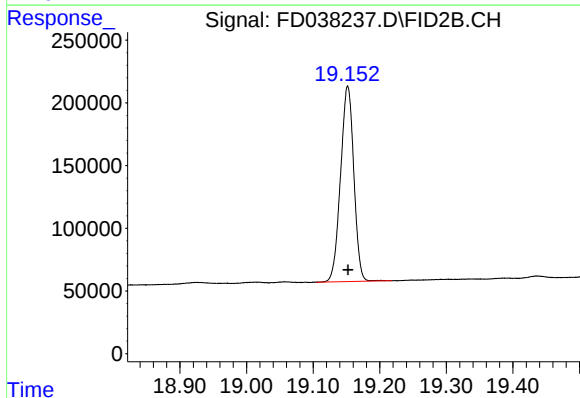
#18 n-Dotriacontane (C32)

R.T.: 18.373 min

Delta R.T.: 0.000 min

Response: 2184523

Conc: 17.75 ug/ml



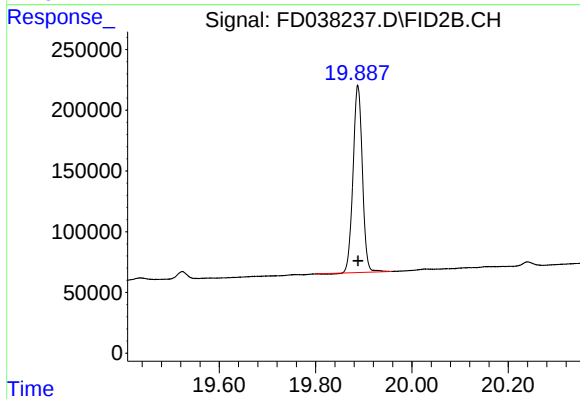
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min

Delta R.T.: 0.000 min

Response: 2155170

Conc: 18.40 ug/ml



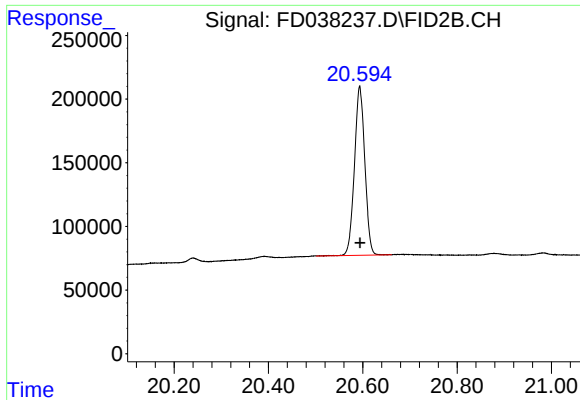
#20 n-Hexatriacontane (C36)

R.T.: 19.888 min

Delta R.T.: 0.000 min

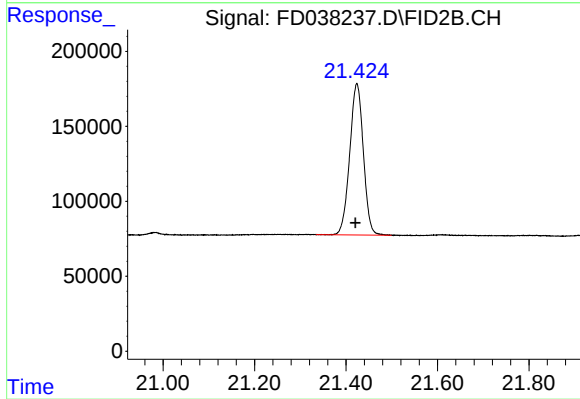
Response: 2074863

Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: 0.000 min
Response: 2024833
Conc: 20.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: 0.003 min
Response: 2084972
Conc: 21.32 ug/ml