

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080521AL\
 Data File : FD038406.D
 Signal(s) : FID2B.CH
 Acq On : 05 Aug 2021 11:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 23:05:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.365	2736009	20.044 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	12.802	2162010	20.105 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.194	2341005	19.940 ug/ml
2) T n-Decane (C10)	4.247	2354997	19.974 ug/ml
3) T A~Naphthalene (C11.7)	5.811	2591539	19.853 ug/ml
4) T n-Dodecane (C12)	6.249	2368696	19.948 ug/ml
5) T A~2-methylnaphthalene...	6.861	2620439	20.025 ug/ml
6) T n-Tetradecane (C14)	8.033	2406478	19.801 ug/ml
7) T n-Hexadecane (C16)	9.624	2431435	19.895 ug/ml
8) T n-Octadecane (C18)	11.059	2525658	20.060 ug/ml
10) T n-Eicosane (C20)	12.361	2540904	20.157 ug/ml
11) T n-Heneicosane (C21)	12.970	2574659	20.169 ug/ml
13) T n-Docosane (C22)	13.554	2567211	20.166 ug/ml
14) T n-Tetracosane (C24)	14.651	2597052	20.190 ug/ml
15) T n-Hexacosane (C26)	15.668	2569192	20.174 ug/ml
16) T n-Octacosane (C28)	16.612	2562330	20.083 ug/ml
17) T n-Tricontane (C30)	17.496	2538965	20.040 ug/ml
18) T n-Dotriacontane (C32)	18.324	2435588	19.822 ug/ml
19) T n-Tetratriacontane (C34)	19.105	2332588	19.544 ug/ml
20) T n-Hexatriacontane (C36)	19.839	2148030	19.273 ug/ml
21) T n-Octatriacontane (C38)	20.542	1978139	19.135 ug/ml
22) T n-Tetracontane (C40)	21.350	1936911	19.298 ug/ml

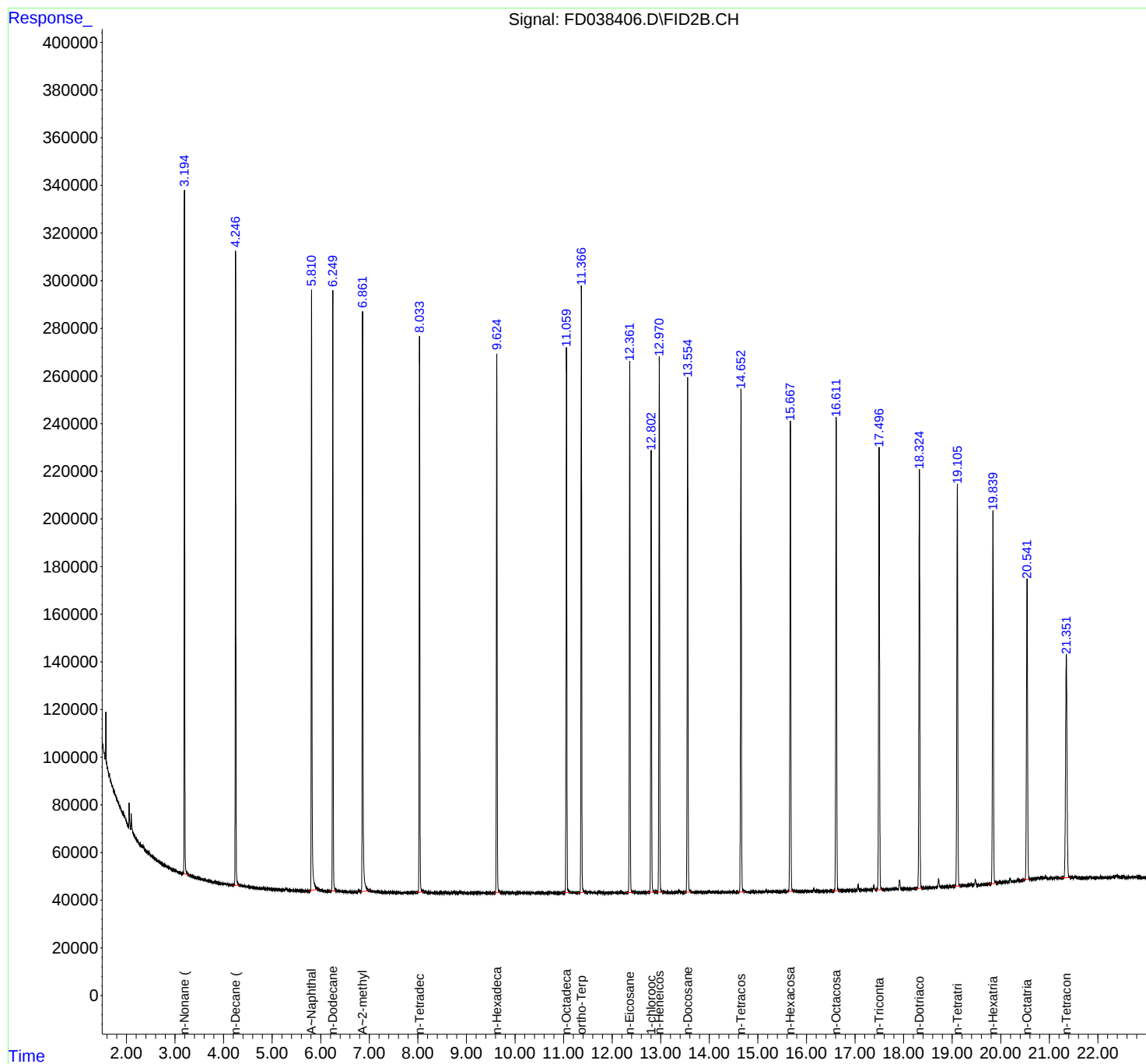
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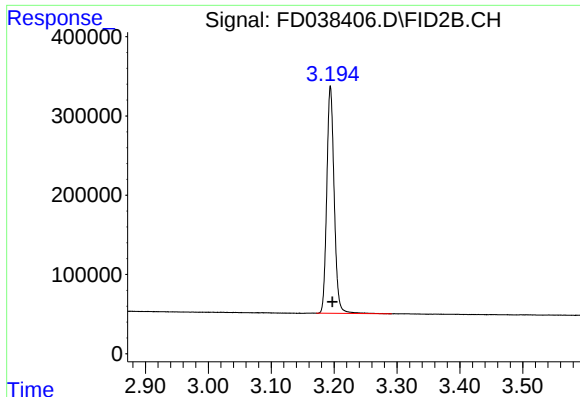
(m)=manual int.

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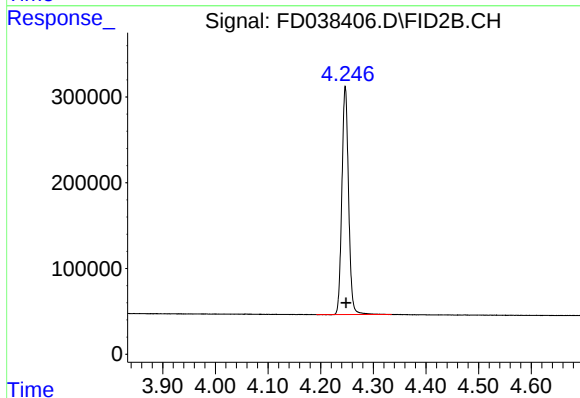
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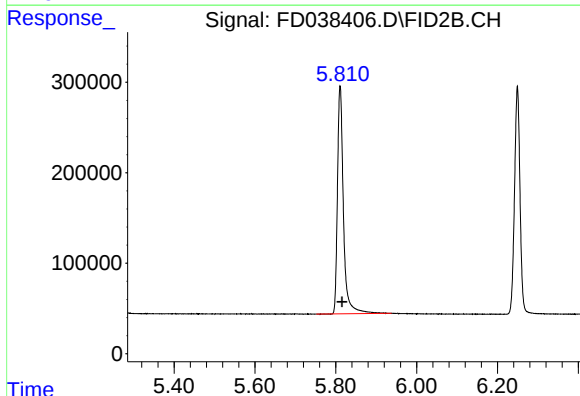
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: -0.003 min
Response: 2341005
Conc: 19.94 ug/ml



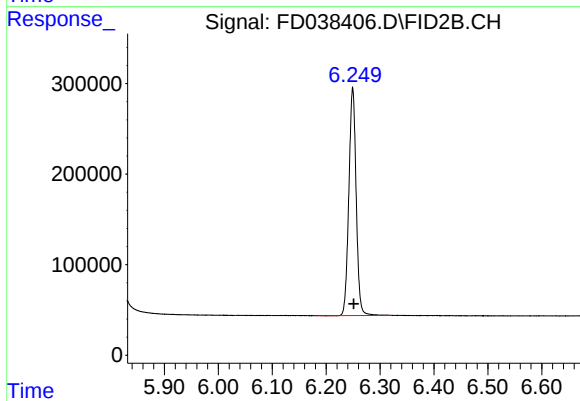
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 2354997
Conc: 19.97 ug/ml



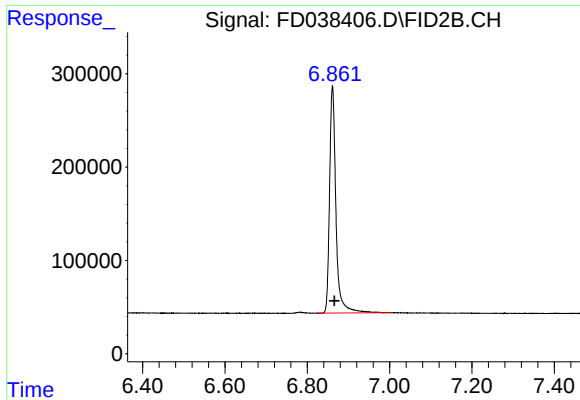
#3 A~Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 2591539
Conc: 19.85 ug/ml



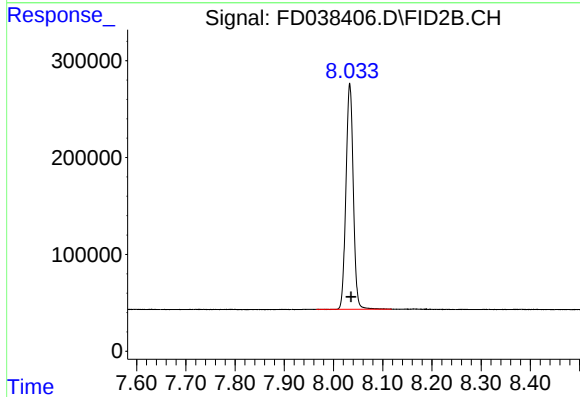
#4 n-Dodecane (C12)

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 2368696
Conc: 19.95 ug/ml



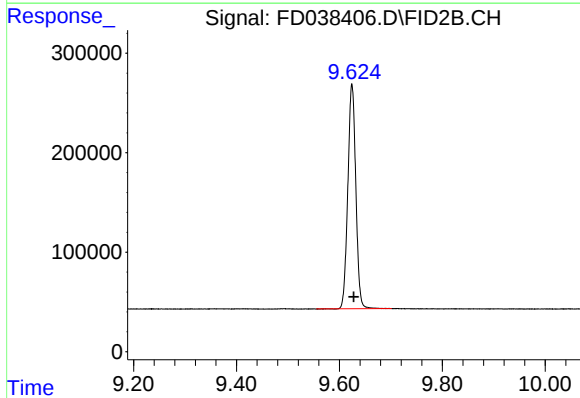
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 2620439
Conc: 20.03 ug/ml



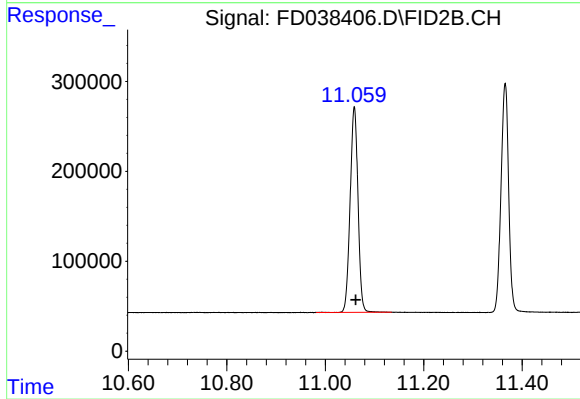
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 2406478
Conc: 19.80 ug/ml



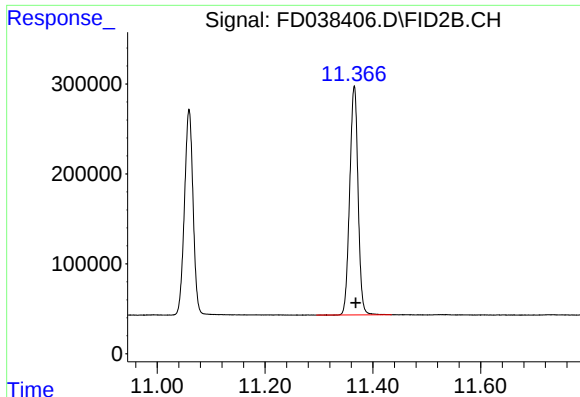
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 2431435
Conc: 19.89 ug/ml



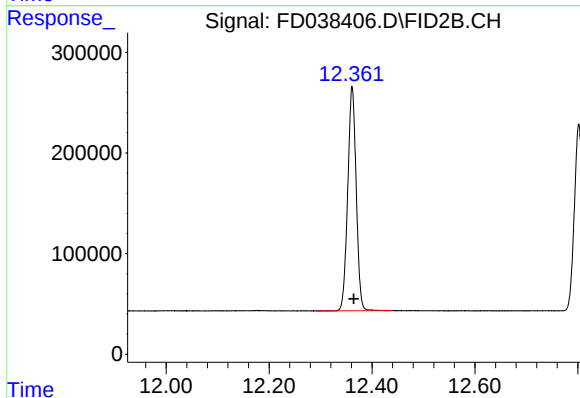
#8 n-Octadecane (C18)

R.T.: 11.059 min
Delta R.T.: -0.003 min
Response: 2525658
Conc: 20.06 ug/ml



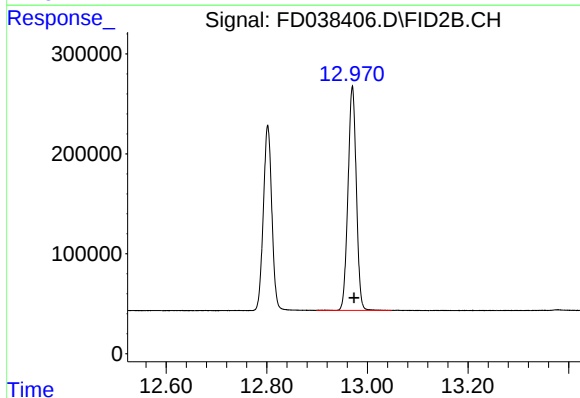
#9 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: -0.003 min
Response: 2736009
Conc: 20.04 ug/ml



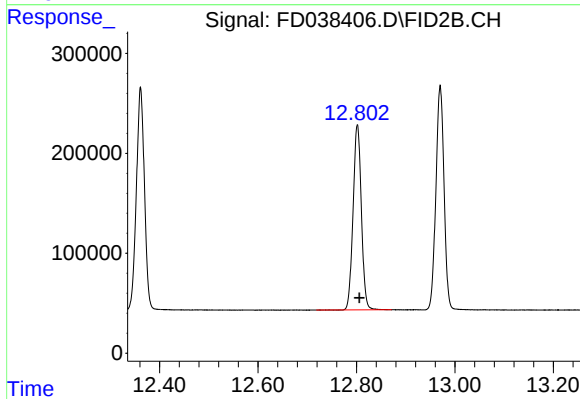
#10 n-Eicosane (C20)

R.T.: 12.361 min
Delta R.T.: -0.003 min
Response: 2540904
Conc: 20.16 ug/ml



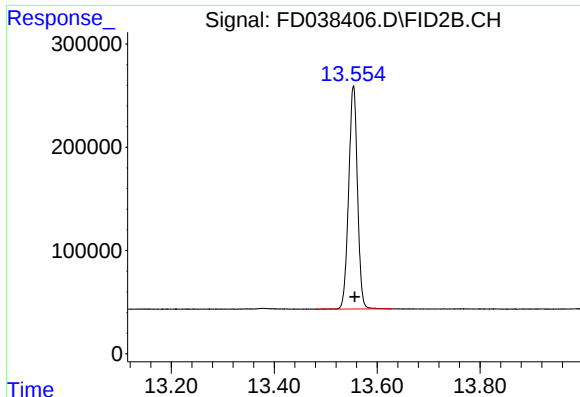
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: -0.003 min
Response: 2574659
Conc: 20.17 ug/ml



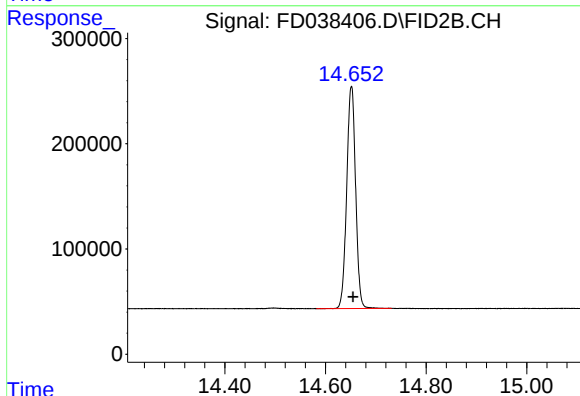
#12 1-chlorooctadecane (SURR)

R.T.: 12.802 min
Delta R.T.: -0.004 min
Response: 2162010
Conc: 20.11 ug/ml



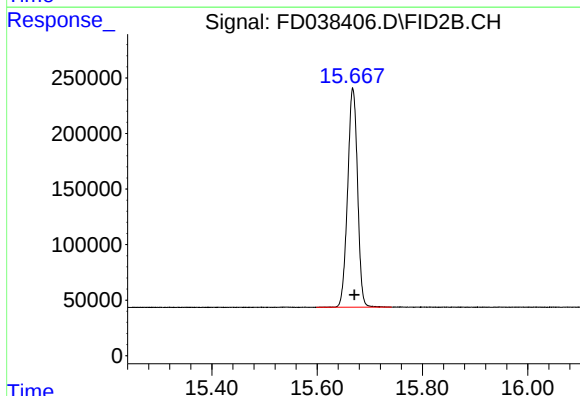
#13 n-Docosane (C22)

R.T.: 13.554 min
Delta R.T.: -0.003 min
Response: 2567211
Conc: 20.17 ug/ml



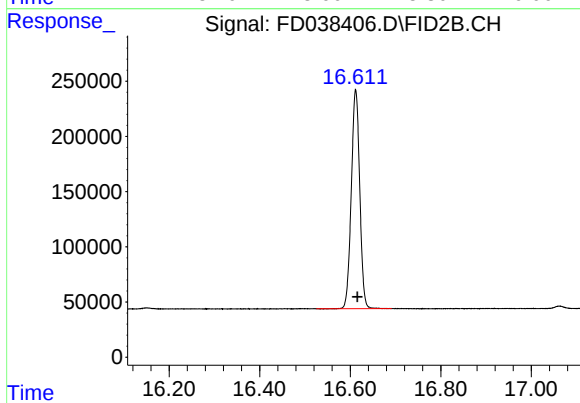
#14 n-Tetracosane (C24)

R.T.: 14.651 min
Delta R.T.: -0.003 min
Response: 2597052
Conc: 20.19 ug/ml



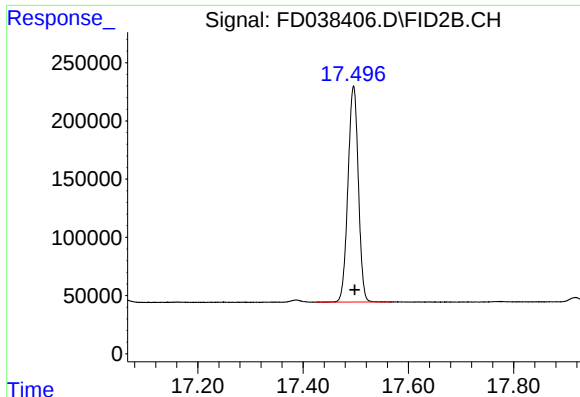
#15 n-Hexacosane (C26)

R.T.: 15.668 min
Delta R.T.: -0.003 min
Response: 2569192
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.004 min
Response: 2562330
Conc: 20.08 ug/ml



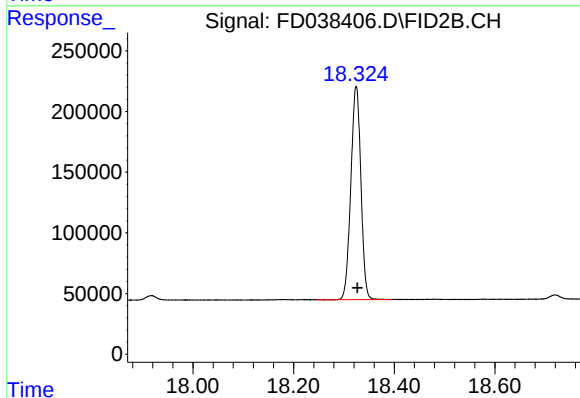
#17 n-Tricontane (C30)

R.T.: 17.496 min

Delta R.T.: -0.003 min

Response: 2538965

Conc: 20.04 ug/ml



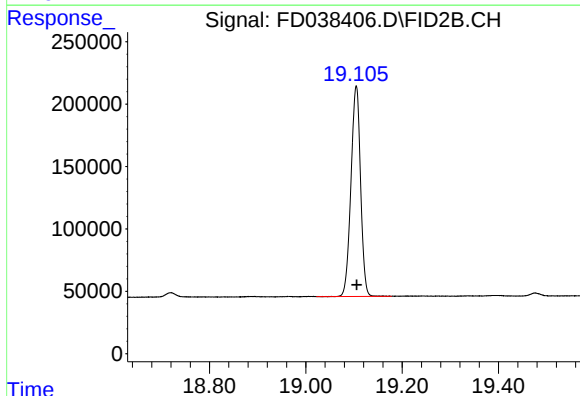
#18 n-Dotriacontane (C32)

R.T.: 18.324 min

Delta R.T.: -0.003 min

Response: 2435588

Conc: 19.82 ug/ml



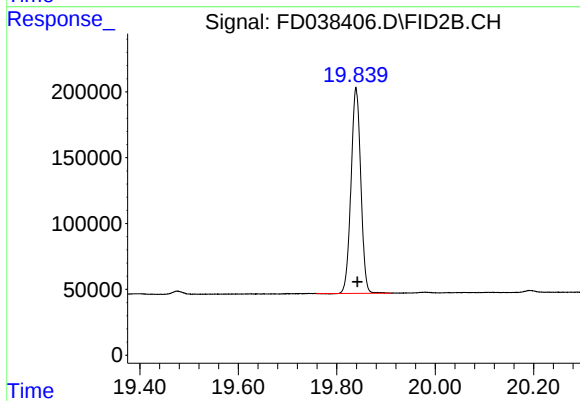
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min

Delta R.T.: -0.001 min

Response: 2332588

Conc: 19.54 ug/ml



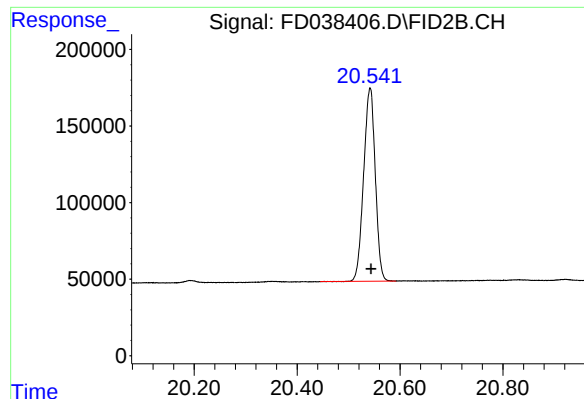
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min

Delta R.T.: -0.003 min

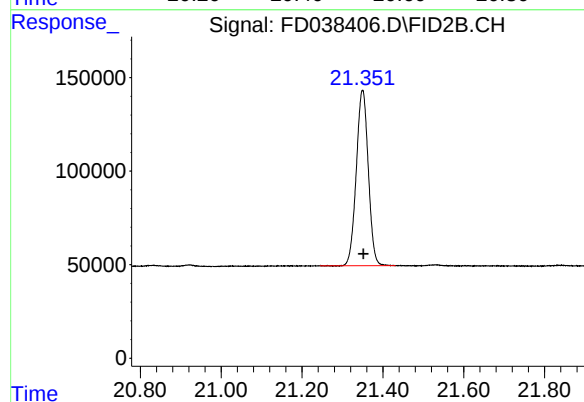
Response: 2148030

Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: -0.002 min
Response: 1978139
Conc: 19.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.350 min
Delta R.T.: -0.003 min
Response: 1936911
Conc: 19.30 ug/ml