

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020422AL\
 Data File : FE034839.D
 Signal(s) : FID1B.CH
 Acq On : 04 Feb 2022 10:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 04 22:01:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 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)	11.066	2531042	19.725 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.501	1916446	19.859 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	2.911	2319828	20.350 ug/ml
2) T n-Decane (C10)	3.942	2358343	20.506 ug/ml
3) T A~Naphthalene (C11.7)	5.503	2604158	20.292 ug/ml
4) T n-Dodecane (C12)	5.938	2339287	20.388 ug/ml
5) T A~2-methylnaphthalene...	6.552	2606574	20.224 ug/ml
6) T n-Tetradecane (C14)	7.726	2350121	20.315 ug/ml
7) T n-Hexadecane (C16)	9.320	2322015	20.263 ug/ml
8) T n-Octadecane (C18)	10.756	2318763	20.128 ug/ml
10) T n-Eicosane (C20)	12.059	2239678	20.011 ug/ml
11) T n-Heneicosane (C21)	12.669	2230326	19.904 ug/ml
13) T n-Docosane (C22)	13.254	2182769	19.816 ug/ml
14) T n-Tetracosane (C24)	14.352	2139021	19.744 ug/ml
15) T n-Hexacosane (C26)	15.368	2075009	19.835 ug/ml
16) T n-Octacosane (C28)	16.313	2080315	20.382 ug/ml
17) T n-Tricontane (C30)	17.198	2103640	21.286 ug/ml
18) T n-Dotriacontane (C32)	18.027	2005993	21.841 ug/ml
19) T n-Tetratriacontane (C34)	18.807	1893319	21.737 ug/ml
20) T n-Hexatriacontane (C36)	19.543	1766415	21.470 ug/mlm
21) T n-Octatriacontane (C38)	20.250	1677641	21.164 ug/ml
22) T n-Tetracontane (C40)	21.082	1797513	22.287 ug/ml

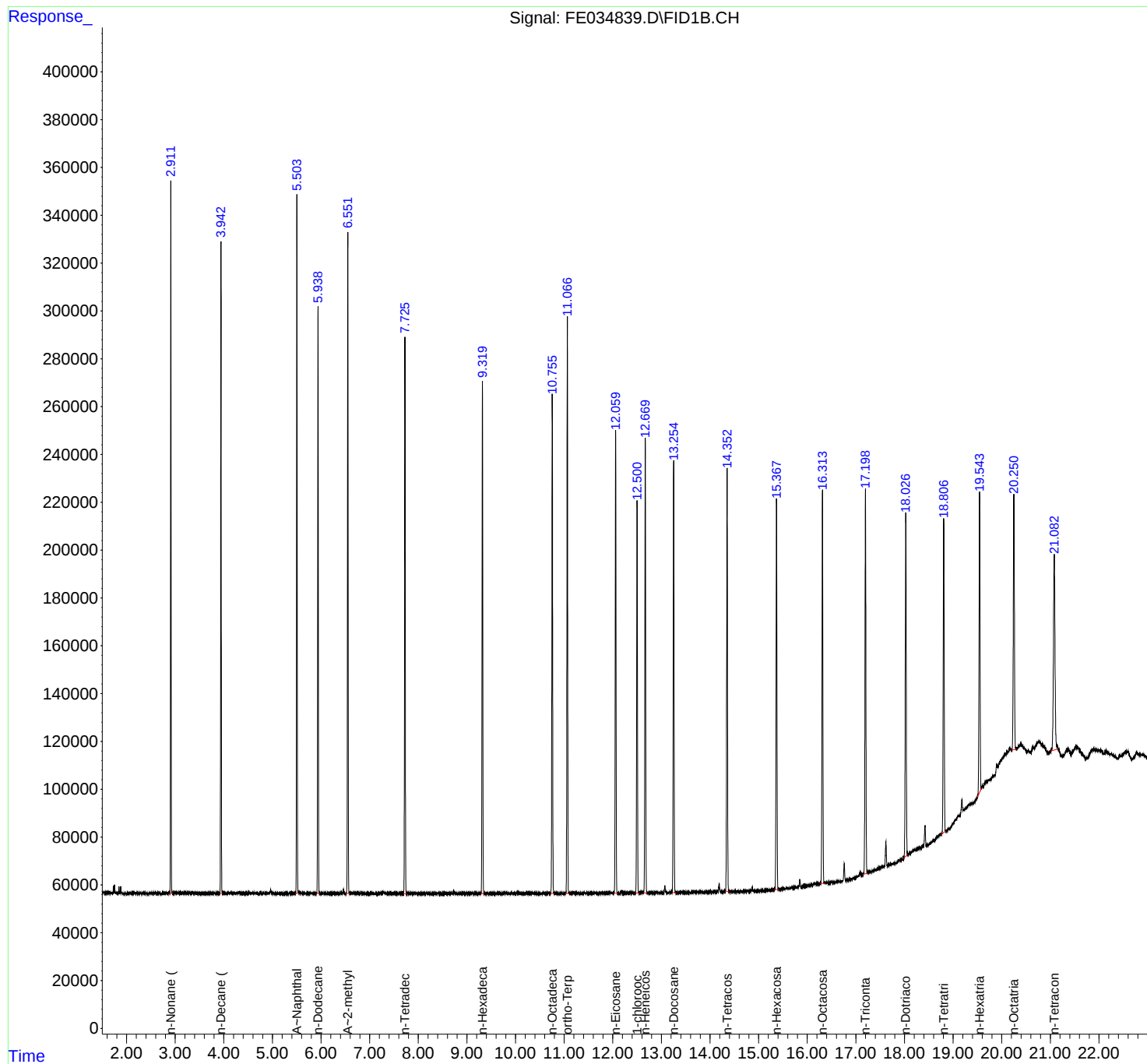
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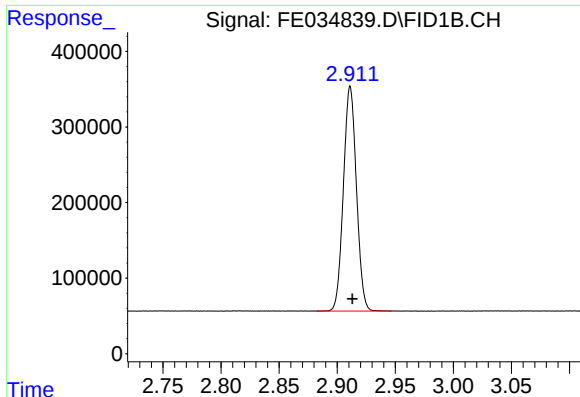
(m)=manual int.

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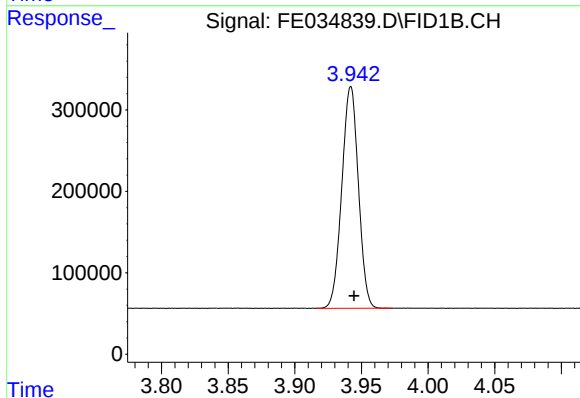
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Signal Info : 20M x 0.18mm x 0.18um





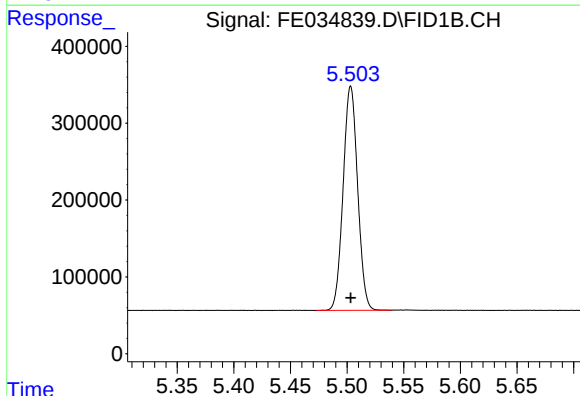
#1 n-Nonane (C9)

R.T.: 2.911 min
Delta R.T.: -0.002 min
Response: 2319828
Conc: 20.35 ug/ml



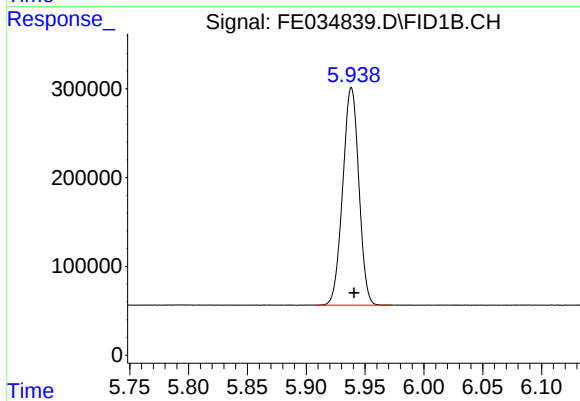
#2 n-Decane (C10)

R.T.: 3.942 min
Delta R.T.: -0.002 min
Response: 2358343
Conc: 20.51 ug/ml



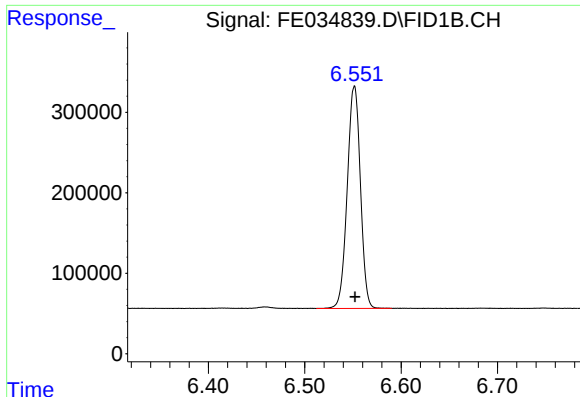
#3 A~Naphthalene (C11.7)

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 2604158
Conc: 20.29 ug/ml



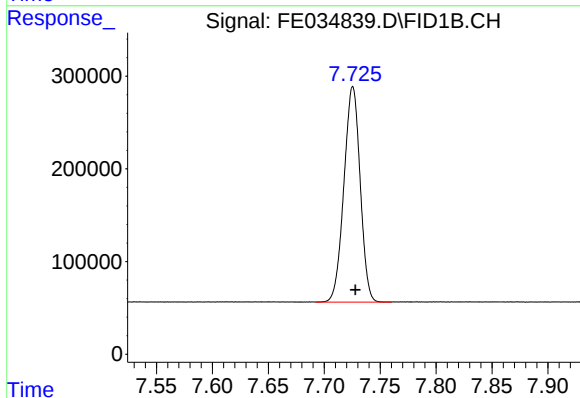
#4 n-Dodecane (C12)

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 2339287
Conc: 20.39 ug/ml



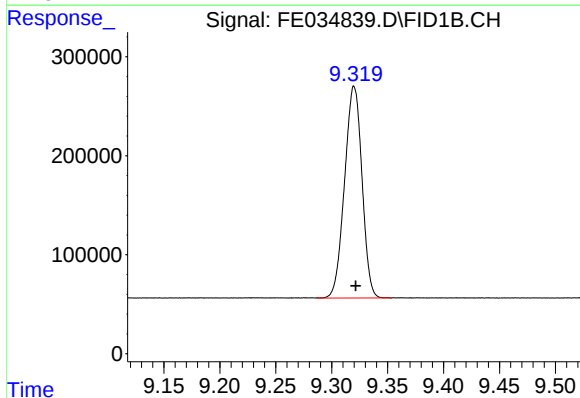
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 2606574
Conc: 20.22 ug/ml



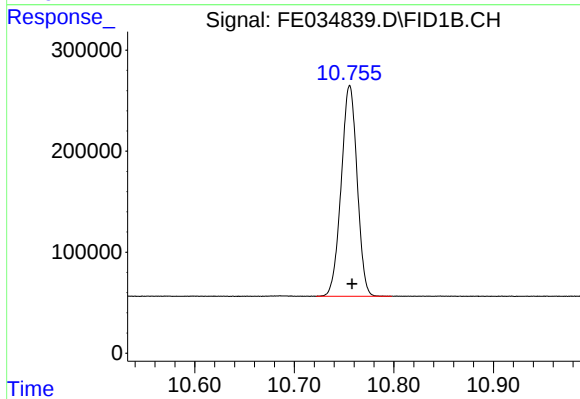
#6 n-Tetradecane (C14)

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 2350121
Conc: 20.31 ug/ml



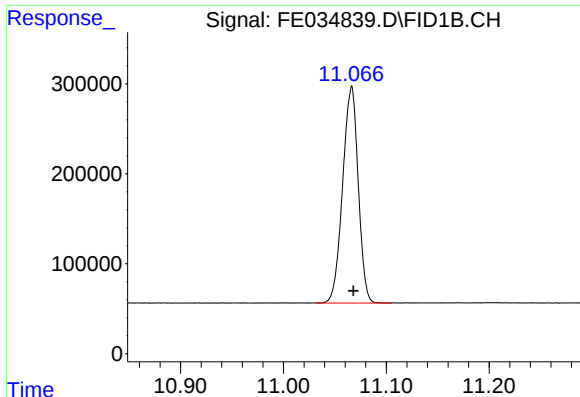
#7 n-Hexadecane (C16)

R.T.: 9.320 min
Delta R.T.: -0.001 min
Response: 2322015
Conc: 20.26 ug/ml



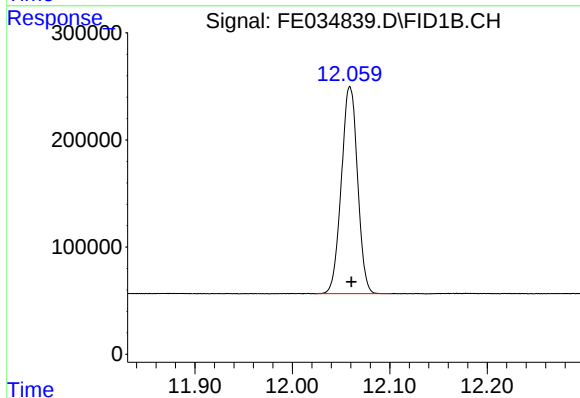
#8 n-Octadecane (C18)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 2318763
Conc: 20.13 ug/ml



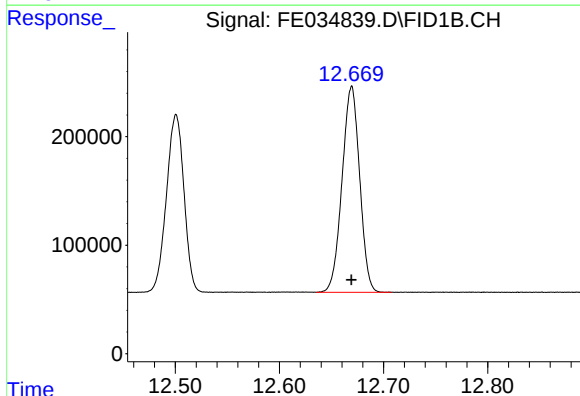
#9 ortho-Terphenyl (SURR)

R.T.: 11.066 min
Delta R.T.: -0.002 min
Response: 2531042
Conc: 19.72 ug/ml



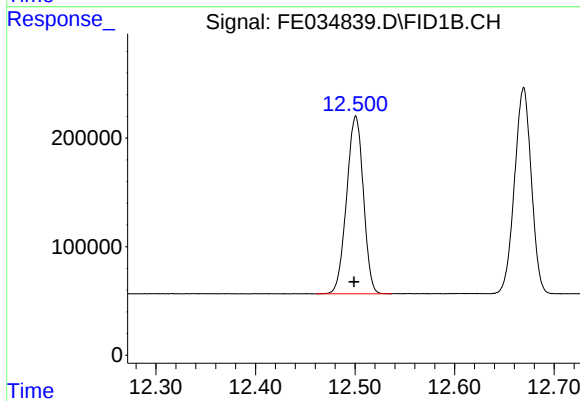
#10 n-Eicosane (C20)

R.T.: 12.059 min
Delta R.T.: -0.002 min
Response: 2239678
Conc: 20.01 ug/ml



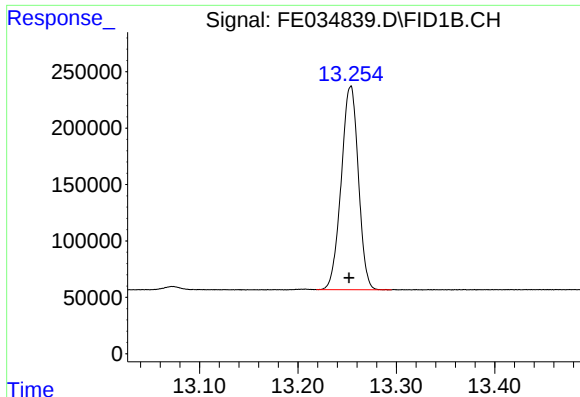
#11 n-Heneicosane (C21)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2230326
Conc: 19.90 ug/ml



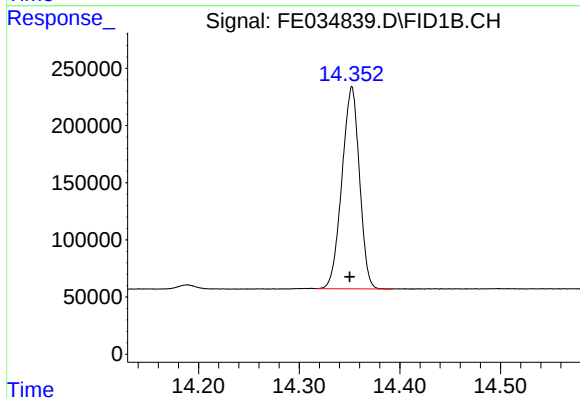
#12 1-chlorooctadecane (SURR)

R.T.: 12.501 min
Delta R.T.: 0.002 min
Response: 1916446
Conc: 19.86 ug/ml



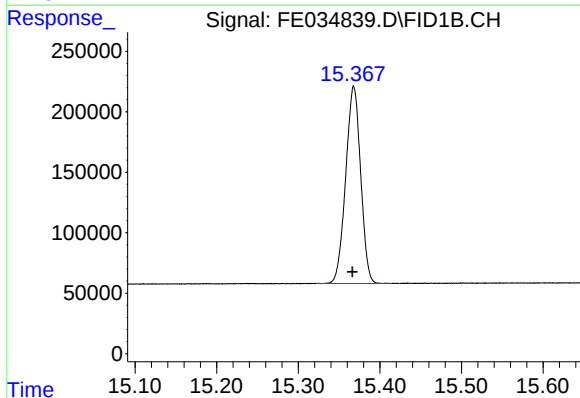
#13 n-Docosane (C22)

R.T.: 13.254 min
Delta R.T.: 0.002 min
Response: 2182769
Conc: 19.82 ug/ml



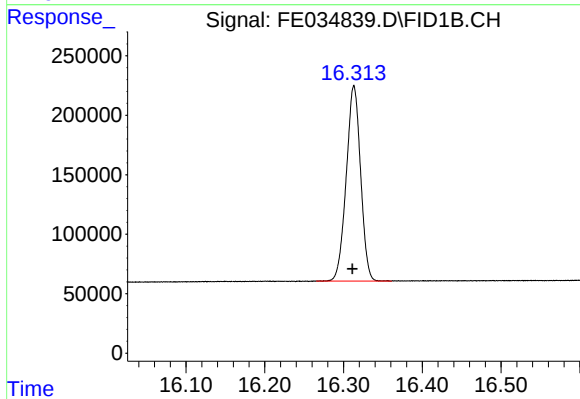
#14 n-Tetracosane (C24)

R.T.: 14.352 min
Delta R.T.: 0.002 min
Response: 2139021
Conc: 19.74 ug/ml



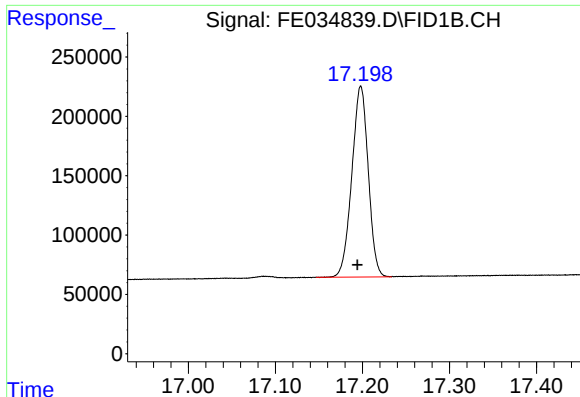
#15 n-Hexacosane (C26)

R.T.: 15.368 min
Delta R.T.: 0.002 min
Response: 2075009
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.313 min
Delta R.T.: 0.002 min
Response: 2080315
Conc: 20.38 ug/ml



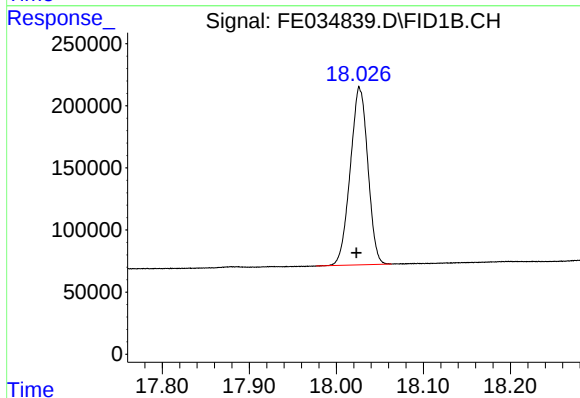
#17 n-Tricontane (C30)

R.T.: 17.198 min

Delta R.T.: 0.004 min

Response: 2103640

Conc: 21.29 ug/ml



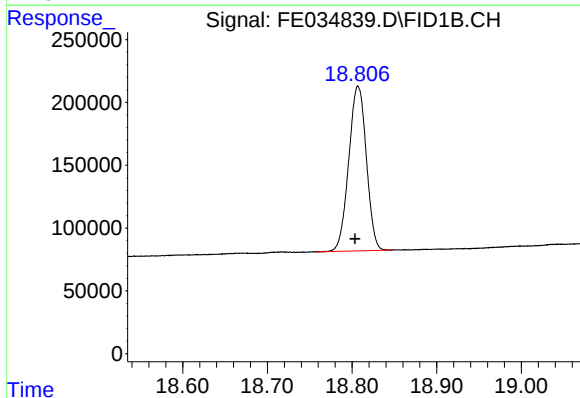
#18 n-Dotriacontane (C32)

R.T.: 18.027 min

Delta R.T.: 0.004 min

Response: 2005993

Conc: 21.84 ug/ml



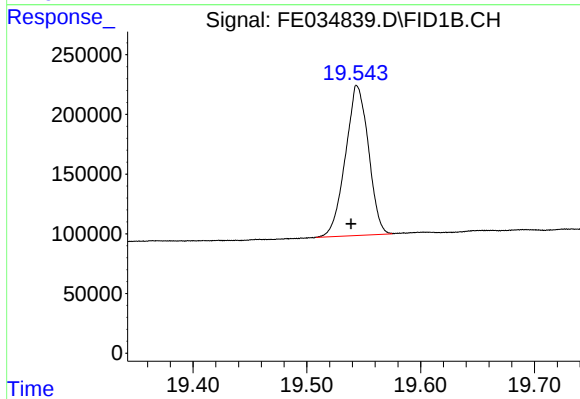
#19 n-Tetratriacontane (C34)

R.T.: 18.807 min

Delta R.T.: 0.004 min

Response: 1893319

Conc: 21.74 ug/ml



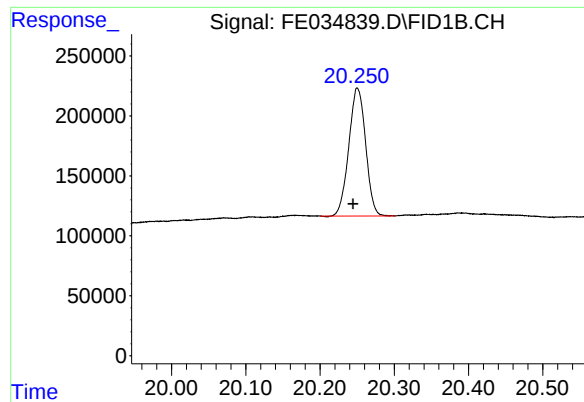
#20 n-Hexatriacontane (C36)

R.T.: 19.543 min

Delta R.T.: 0.004 min

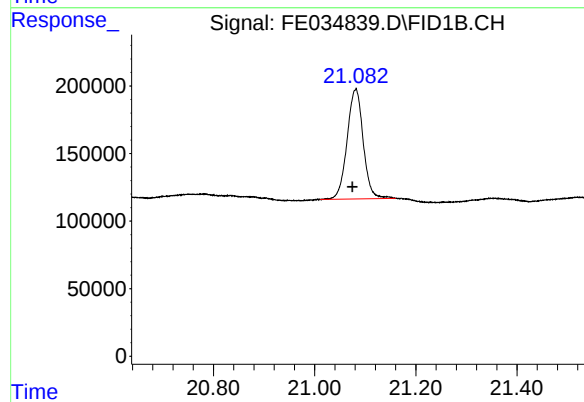
Response: 1766415

Conc: 21.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.250 min
Delta R.T.: 0.005 min
Response: 1677641
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.082 min
Delta R.T.: 0.007 min
Response: 1797513
Conc: 22.29 ug/ml