

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011423AL\
 Data File : FE039806.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2023 11:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 12:16:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.921	2630334	17.128 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
12) S 1-chlorooctadecane (S...	13.359	2049347	17.561 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
Target Compounds			
1) T n-Nonane (C9)	3.312	2036050	16.040 ug/ml
2) T n-Decane (C10)	4.562	2079605	16.746 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2344777	16.626 ug/ml
4) T n-Dodecane (C12)	6.727	2124968	16.901 ug/ml
5) T A~2-methylnaphthalene...	7.361	2224963	16.987 ug/ml
6) T n-Tetradecane (C14)	8.553	2209456	17.179 ug/ml
7) T n-Hexadecane (C16)	10.161	2346928	17.397 ug/ml
8) T n-Octadecane (C18)	11.603	2436703	17.389 ug/ml
10) T n-Eicosane (C20)	12.913	2411739	17.407 ug/ml
11) T n-Heneicosane (C21)	13.525	2423425	17.367 ug/ml
13) T n-Docosane (C22)	14.112	2437776	17.563 ug/ml
14) T n-Tetracosane (C24)	15.215	2475819	17.982 ug/ml
15) T n-Hexacosane (C26)	16.237	2458851	18.423 ug/ml
16) T n-Octacosane (C28)	17.186	2601804	19.987 ug/ml
17) T n-Tricontane (C30)	18.074	2913388	22.845 ug/ml
18) T n-Dotriacontane (C32)	18.908	3031150	23.977 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2796751	22.633 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2526432	21.429 ug/ml
21) T n-Octatriacontane (C38)	21.168	2413253	20.192 ug/ml
22) T n-Tetracontane (C40)	22.077	2375890	19.576 ug/ml

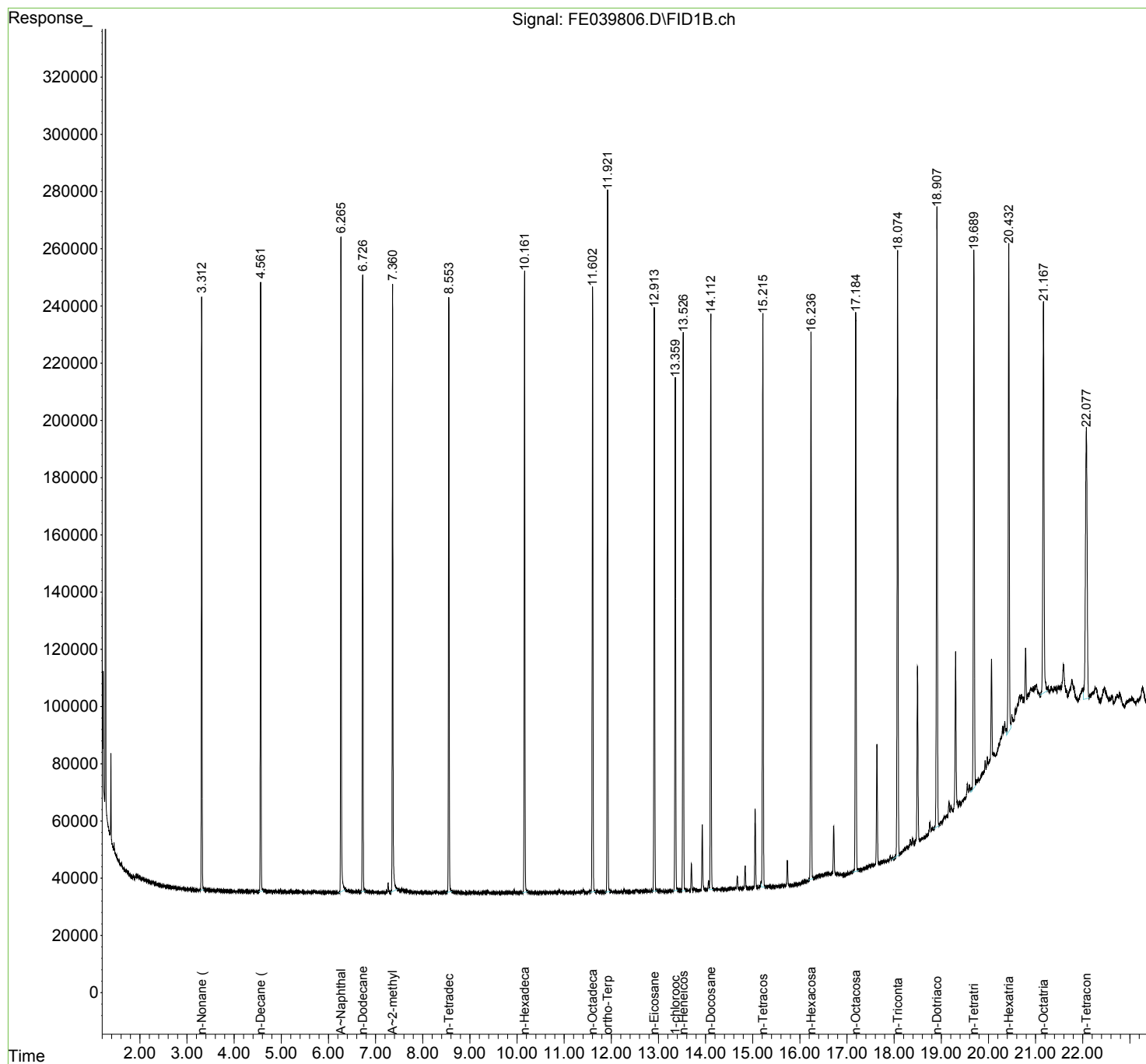
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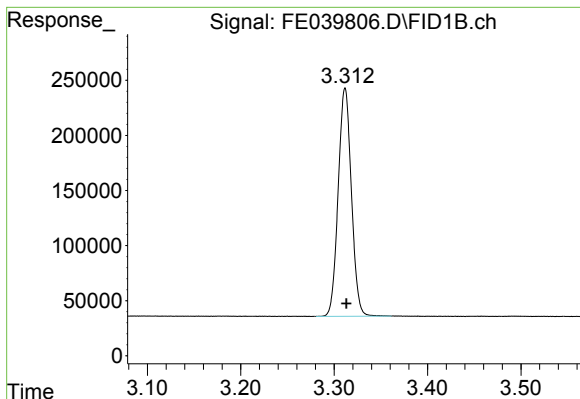
(m)=manual int.

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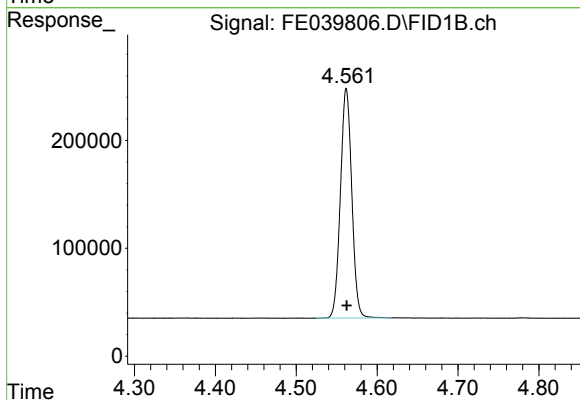
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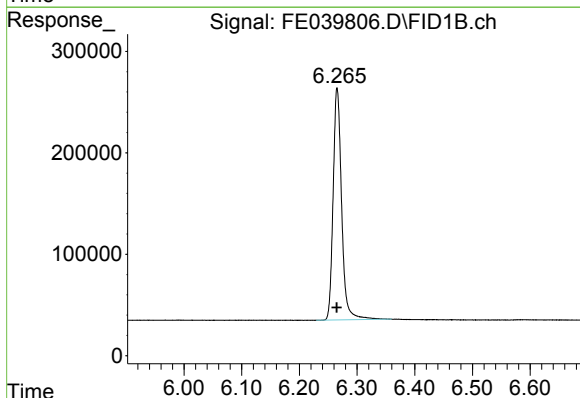
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.001 min
Response: 2036050
Conc: 16.04 ug/ml



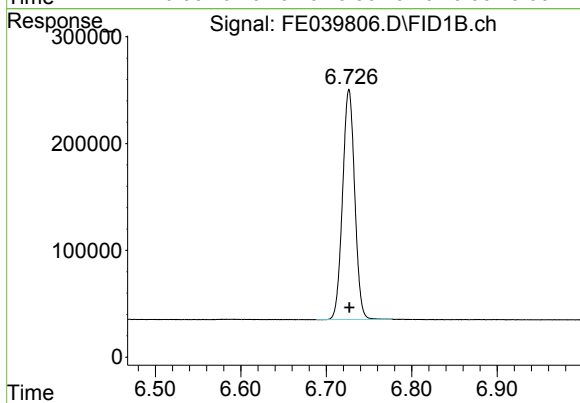
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2079605
Conc: 16.75 ug/ml



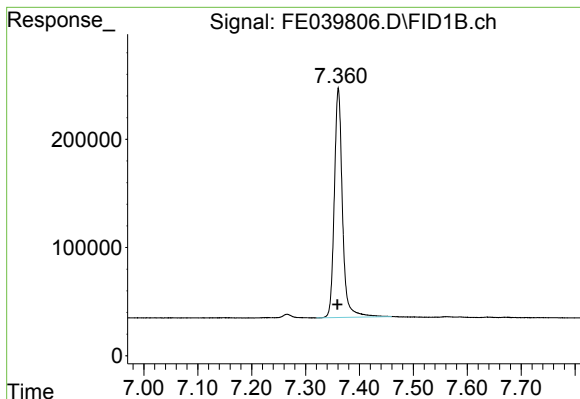
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 2344777
Conc: 16.63 ug/ml



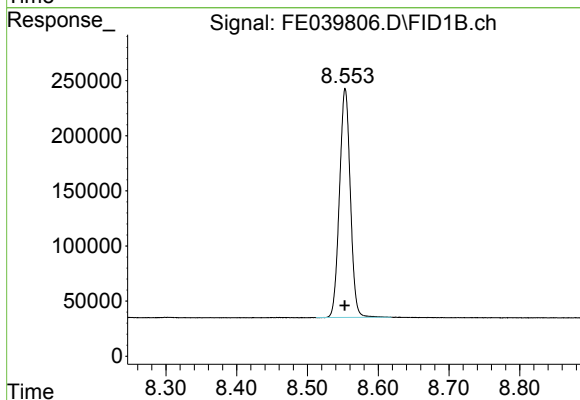
#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2124968
Conc: 16.90 ug/ml



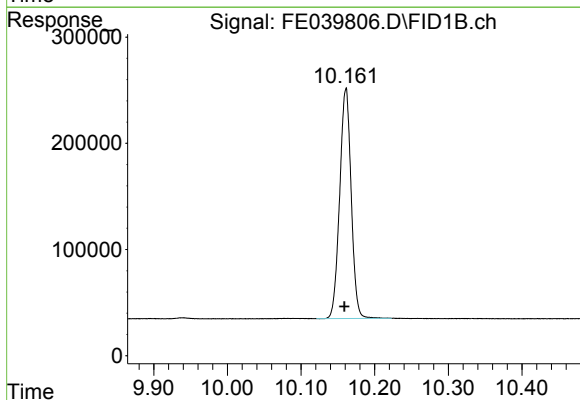
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: 0.002 min
Response: 2224963
Conc: 16.99 ug/ml



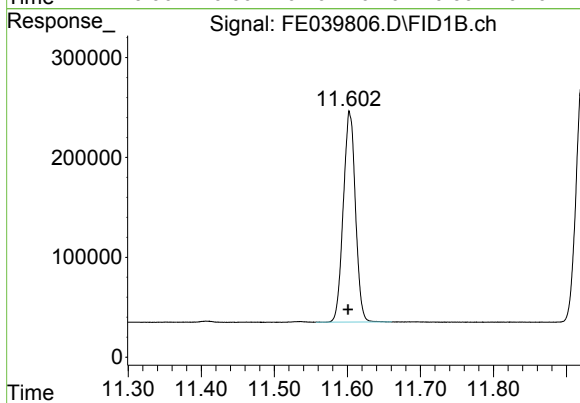
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 2209456
Conc: 17.18 ug/ml



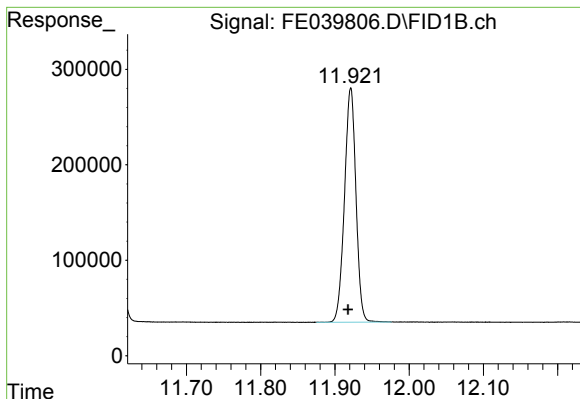
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.002 min
Response: 2346928
Conc: 17.40 ug/ml



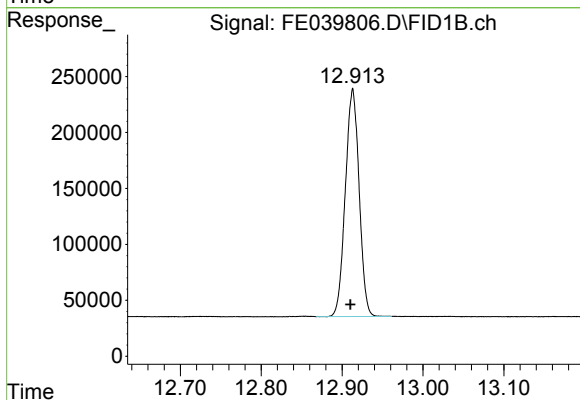
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 2436703
Conc: 17.39 ug/ml



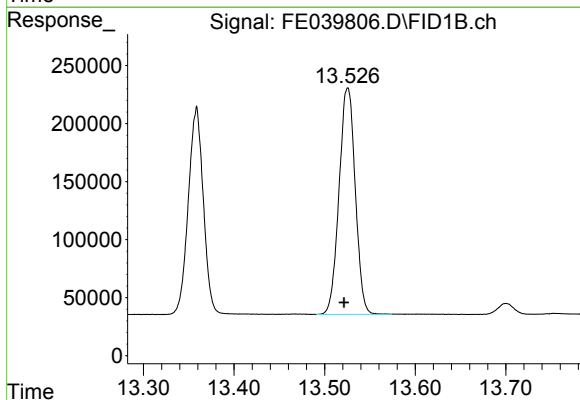
#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.004 min
Response: 2630334
Conc: 17.13 ug/ml



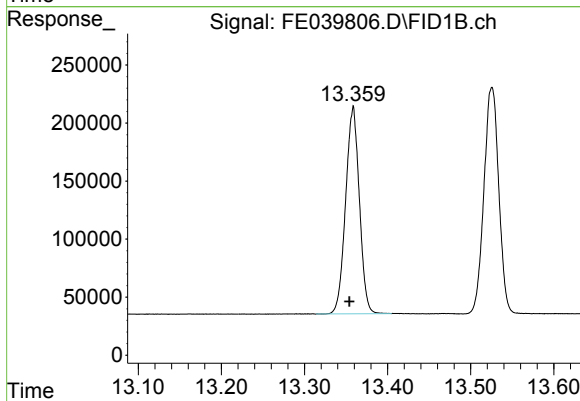
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.003 min
Response: 2411739
Conc: 17.41 ug/ml



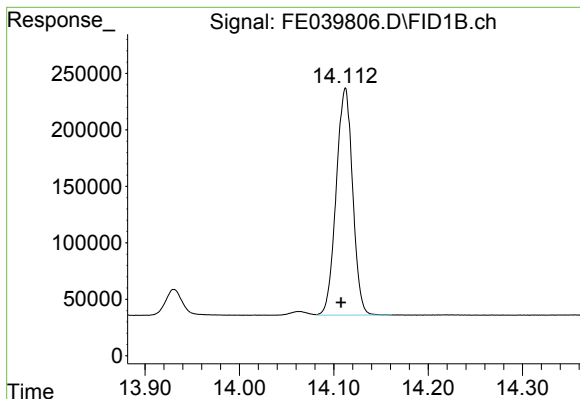
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.004 min
Response: 2423425
Conc: 17.37 ug/ml



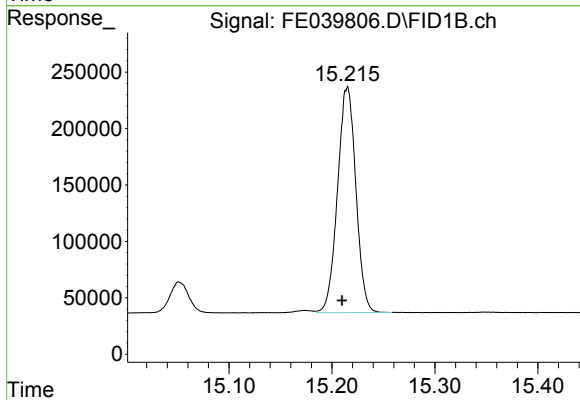
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 2049347
Conc: 17.56 ug/ml



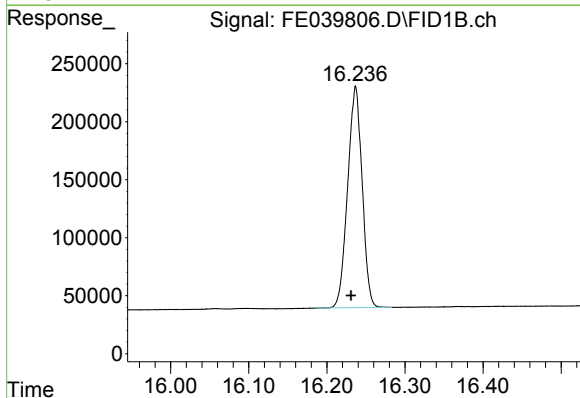
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: 0.005 min
Response: 2437776
Conc: 17.56 ug/ml



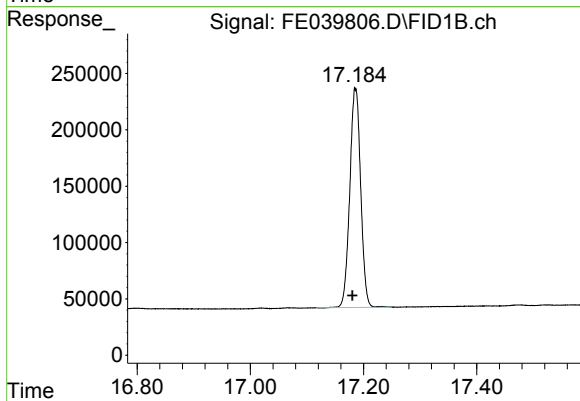
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: 0.005 min
Response: 2475819
Conc: 17.98 ug/ml



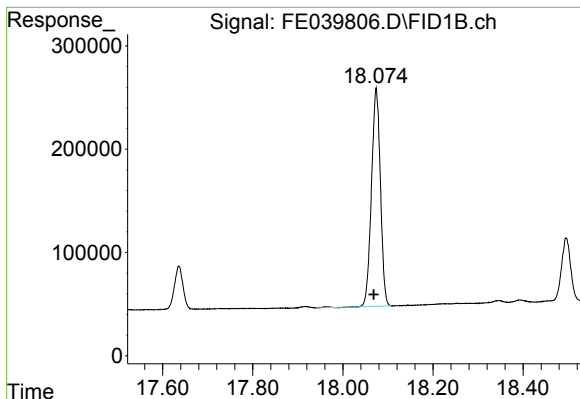
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.006 min
Response: 2458851
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: 0.006 min
Response: 2601804
Conc: 19.99 ug/ml



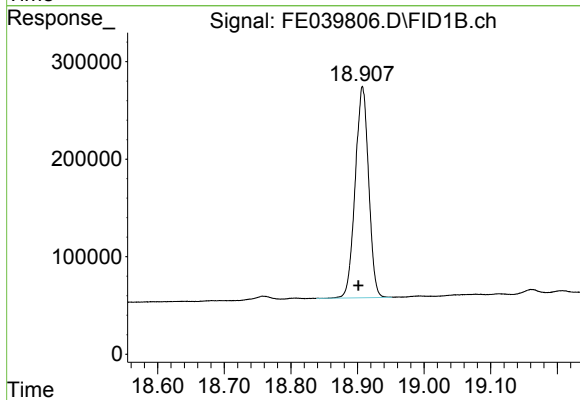
#17 n-Tricontane (C30)

R.T.: 18.074 min

Delta R.T.: 0.005 min

Response: 2913388

Conc: 22.85 ug/ml



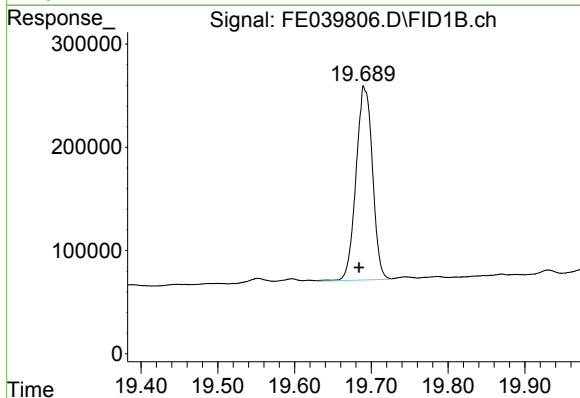
#18 n-Dotriacontane (C32)

R.T.: 18.908 min

Delta R.T.: 0.006 min

Response: 3031150

Conc: 23.98 ug/ml



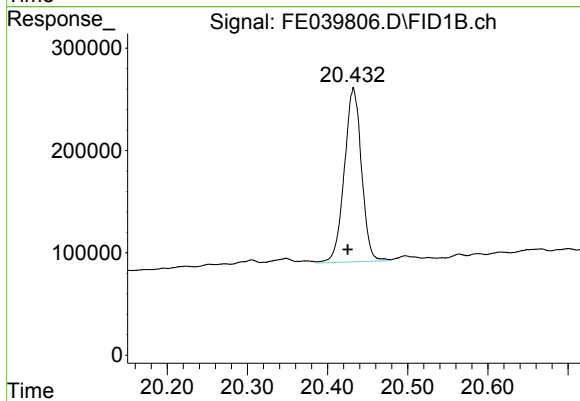
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min

Delta R.T.: 0.007 min

Response: 2796751

Conc: 22.63 ug/ml



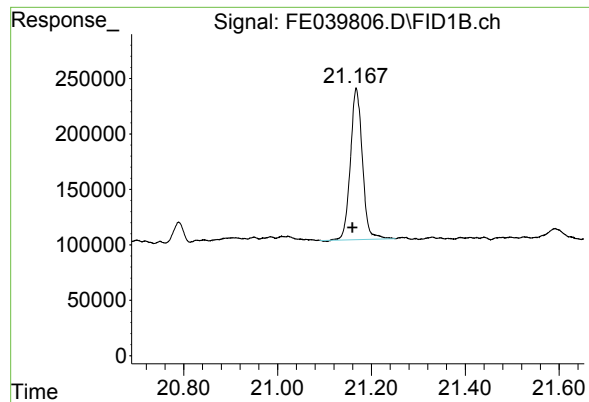
#20 n-Hexatriacontane (C36)

R.T.: 20.432 min

Delta R.T.: 0.007 min

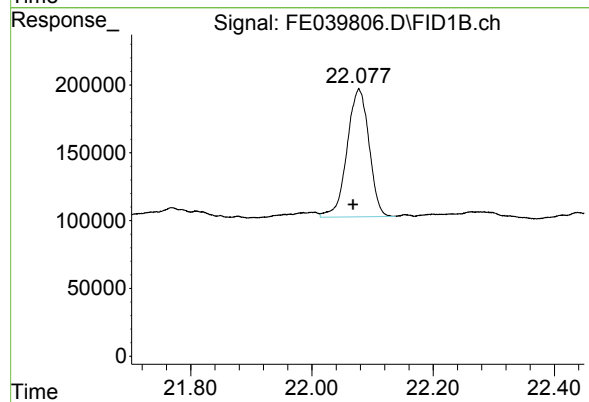
Response: 2526432

Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.008 min
Response: 2413253
Conc: 20.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: 0.009 min
Response: 2375890
Conc: 19.58 ug/ml