

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012023AL\
 Data File : FE039943.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2023 23:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 23:25:28 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)	11.910	2725850	17.750 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
12) S 1-chlorooctadecane (S...	13.346	2102176	18.014 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
Target Compounds			
1) T n-Nonane (C9)	3.304	2306129	18.168 ug/ml
2) T n-Decane (C10)	4.553	2296483	18.492 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2530924	17.946 ug/ml
4) T n-Dodecane (C12)	6.717	2328731	18.522 ug/ml
5) T A~2-methylnaphthalene...	7.350	2372037	18.110 ug/ml
6) T n-Tetradecane (C14)	8.543	2390450	18.586 ug/ml
7) T n-Hexadecane (C16)	10.150	2502514	18.550 ug/ml
8) T n-Octadecane (C18)	11.592	2564632	18.302 ug/ml
10) T n-Eicosane (C20)	12.902	2504754	18.078 ug/ml
11) T n-Heneicosane (C21)	13.514	2492948	17.865 ug/ml
13) T n-Docosane (C22)	14.100	2488418	17.928 ug/ml
14) T n-Tetracosane (C24)	15.203	2507055	18.209 ug/ml
15) T n-Hexacosane (C26)	16.224	2435398	18.247 ug/ml
16) T n-Octacosane (C28)	17.173	2461006	18.905 ug/mlm
17) T n-Tricontane (C30)	18.061	2634669	20.660 ug/ml
18) T n-Dotriacontane (C32)	18.895	2762065	21.848 ug/ml
19) T n-Tetratriacontane (C34)	19.679	2555609	20.682 ug/mlm
20) T n-Hexatriacontane (C36)	20.419	2350657	19.938 ug/mlm
21) T n-Octatriacontane (C38)	21.153	2284197	19.112 ug/ml
22) T n-Tetracontane (C40)	22.056	2469015	20.343 ug/ml

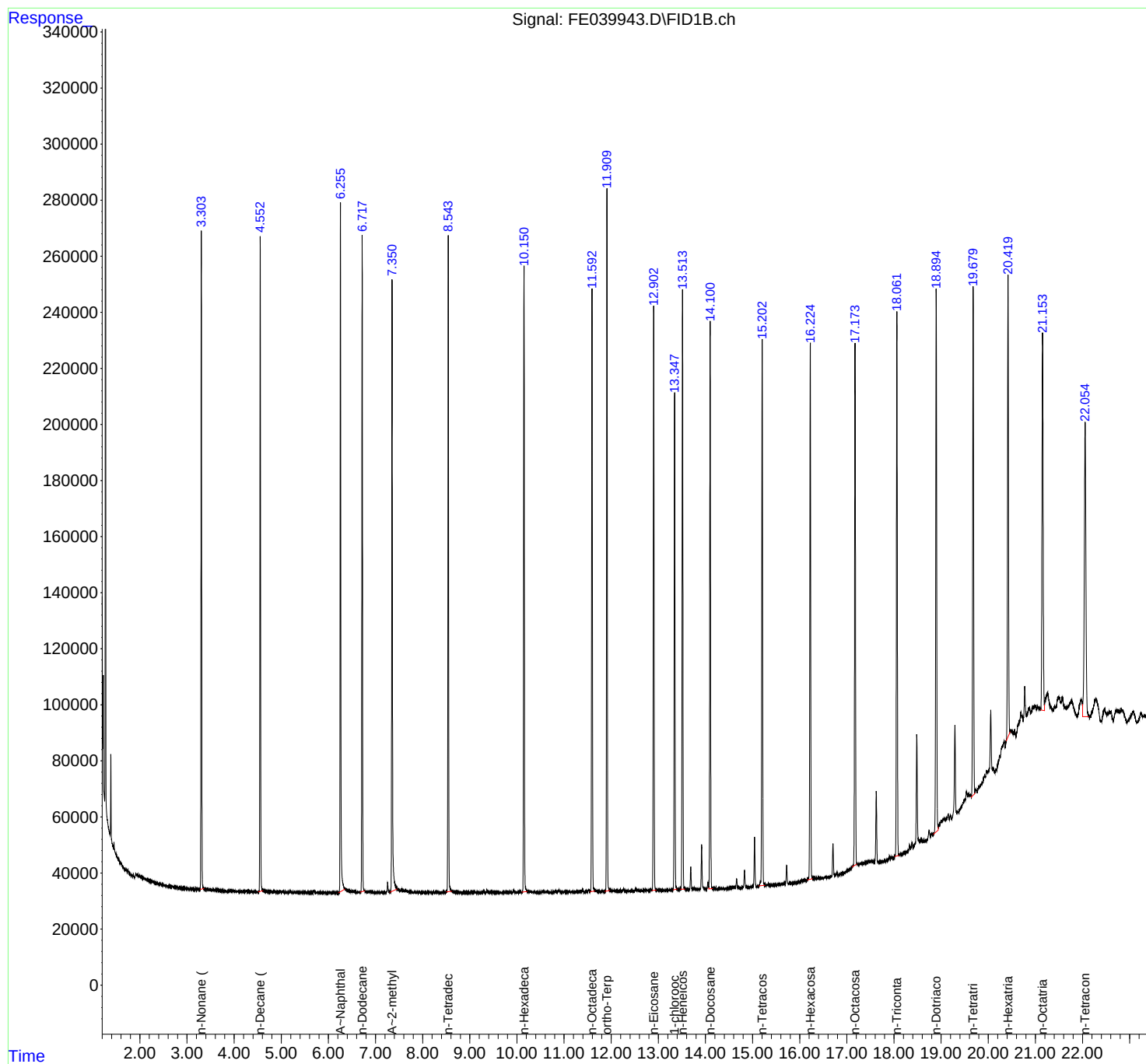
(f)=RT Delta > 1/2 Window

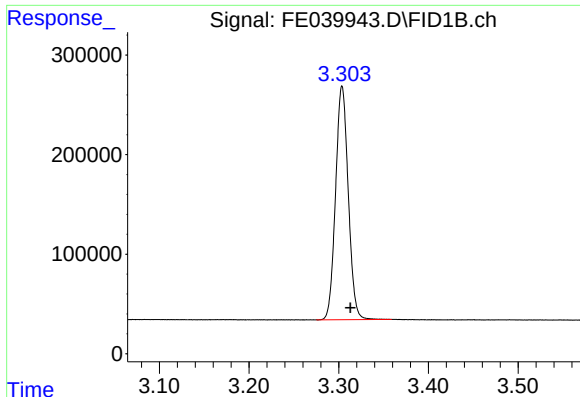
(m)=manual int.

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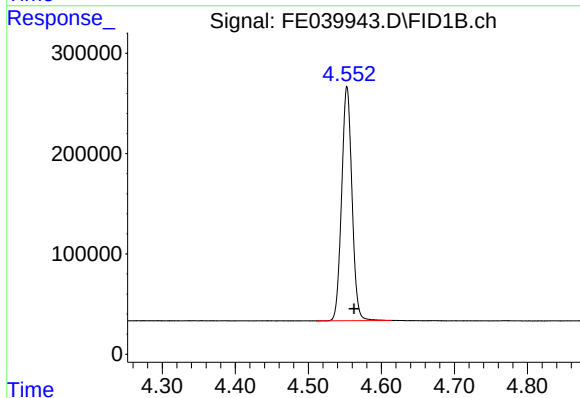
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Signal Info : 20M x 0.18mm x 0.18um





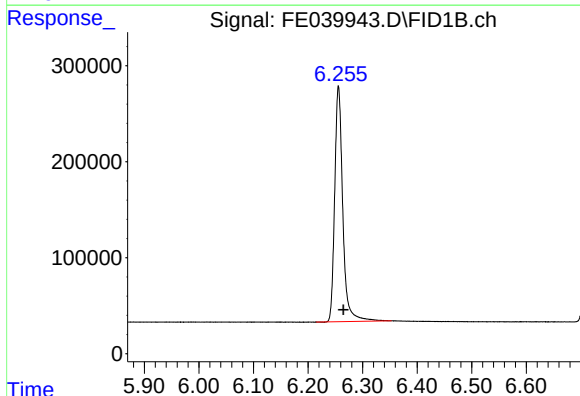
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.009 min
Response: 2306129
Conc: 18.17 ug/ml



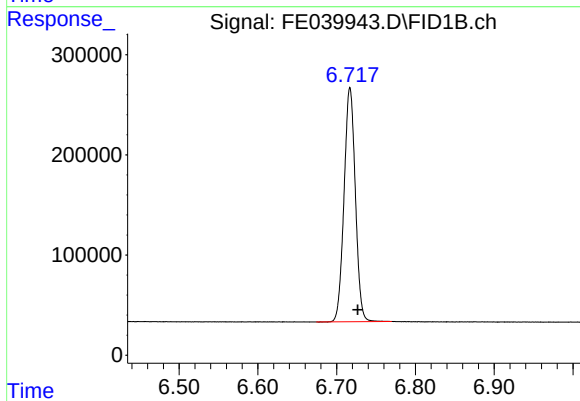
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.010 min
Response: 2296483
Conc: 18.49 ug/ml



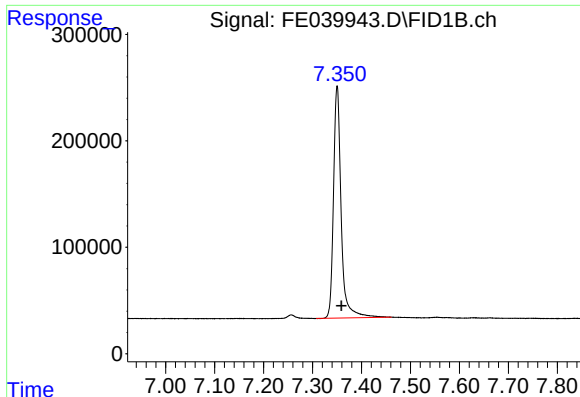
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: -0.009 min
Response: 2530924
Conc: 17.95 ug/ml



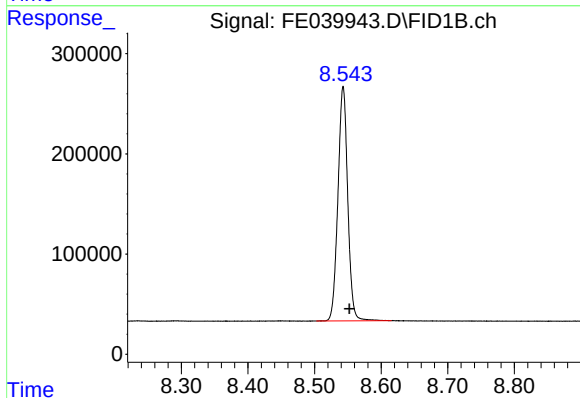
#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.010 min
Response: 2328731
Conc: 18.52 ug/ml



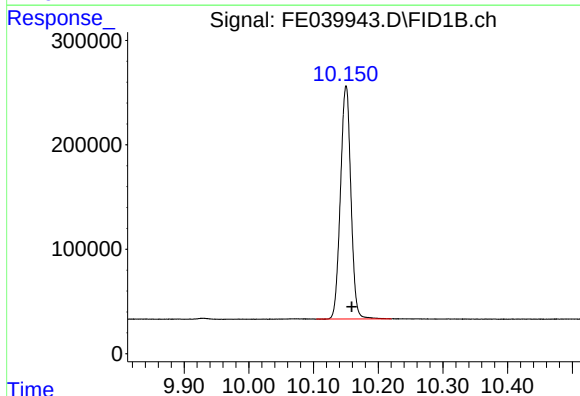
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.350 min
Delta R.T.: -0.009 min
Response: 2372037
Conc: 18.11 ug/ml



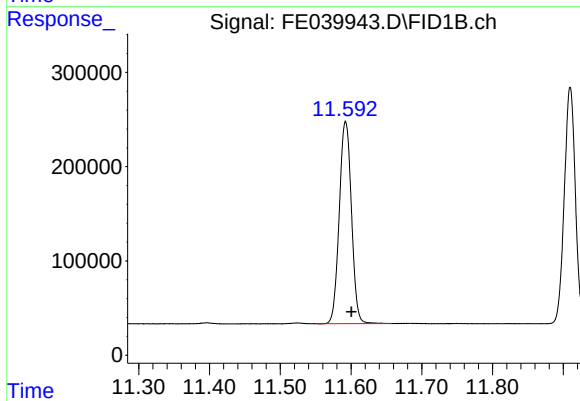
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.009 min
Response: 2390450
Conc: 18.59 ug/ml



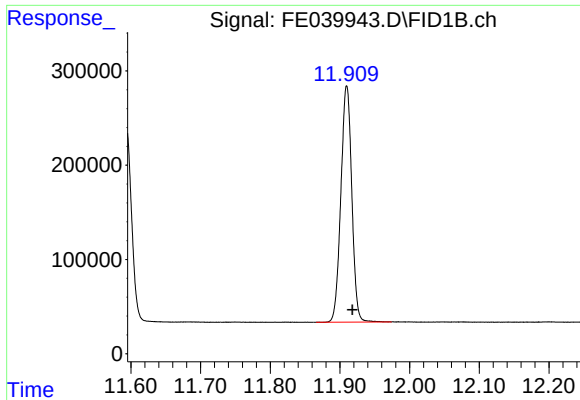
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.009 min
Response: 2502514
Conc: 18.55 ug/ml



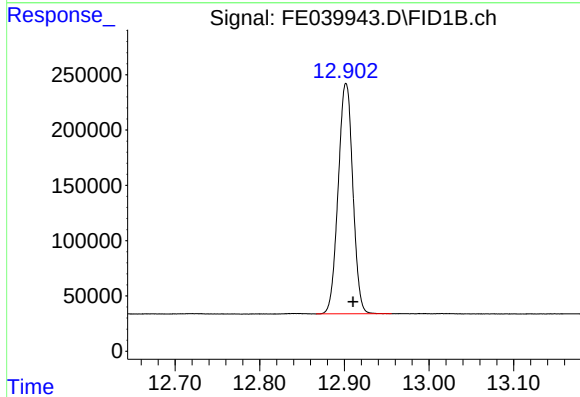
#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.008 min
Response: 2564632
Conc: 18.30 ug/ml



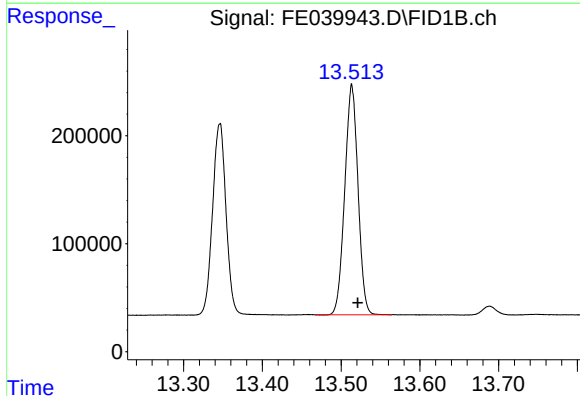
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.008 min
Response: 2725850
Conc: 17.75 ug/ml



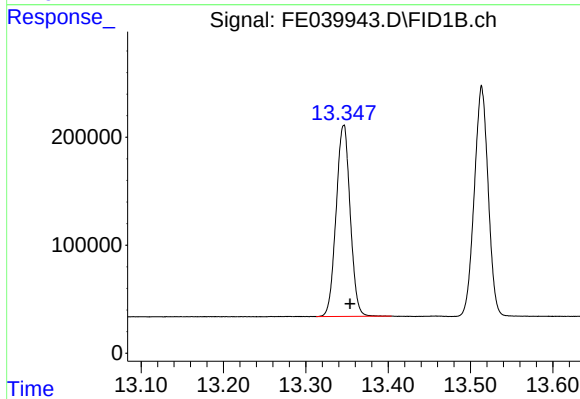
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: -0.009 min
Response: 2504754
Conc: 18.08 ug/ml



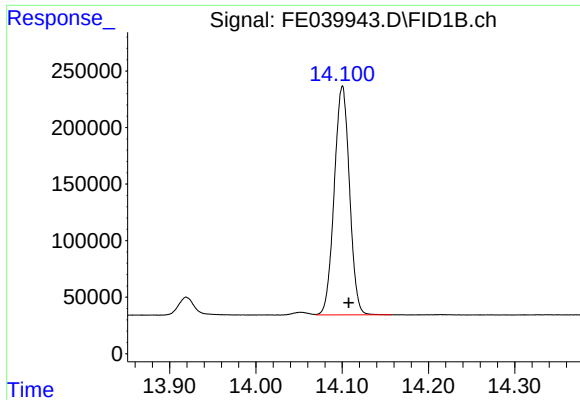
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: -0.008 min
Response: 2492948
Conc: 17.87 ug/ml



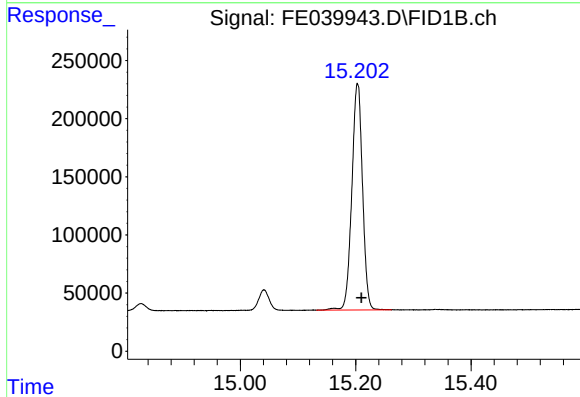
#12 1-chlorooctadecane (SURR)

R.T.: 13.346 min
Delta R.T.: -0.008 min
Response: 2102176
Conc: 18.01 ug/ml



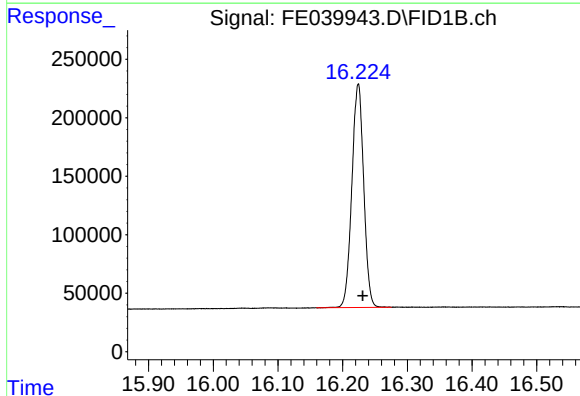
#13 n-Docosane (C22)

R.T.: 14.100 min
Delta R.T.: -0.007 min
Response: 2488418
Conc: 17.93 ug/ml



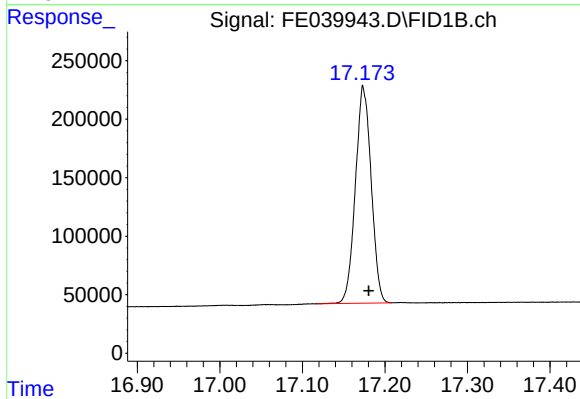
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.006 min
Response: 2507055
Conc: 18.21 ug/ml



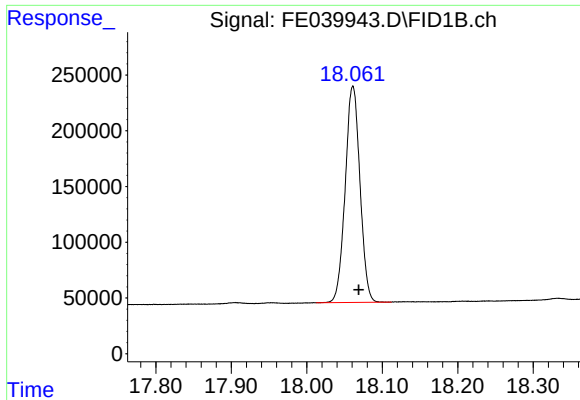
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.007 min
Response: 2435398
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.008 min
Response: 2461006
Conc: 18.91 ug/ml m



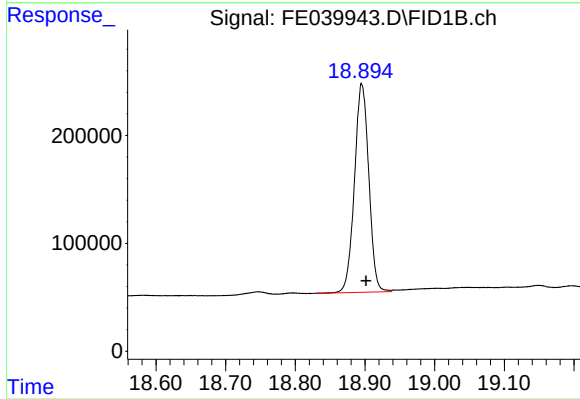
#17 n-Tricontane (C30)

R.T.: 18.061 min

Delta R.T.: -0.008 min

Response: 2634669

Conc: 20.66 ug/ml



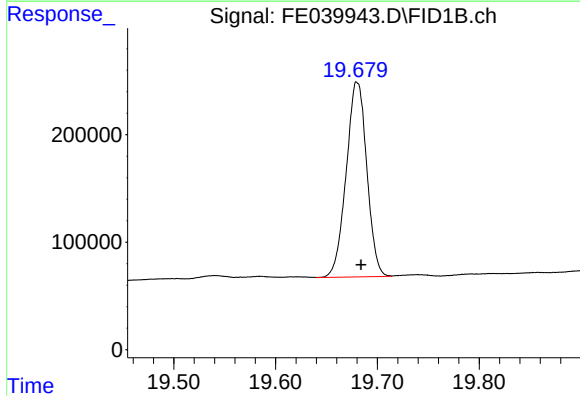
#18 n-Dotriacontane (C32)

R.T.: 18.895 min

Delta R.T.: -0.006 min

Response: 2762065

Conc: 21.85 ug/ml



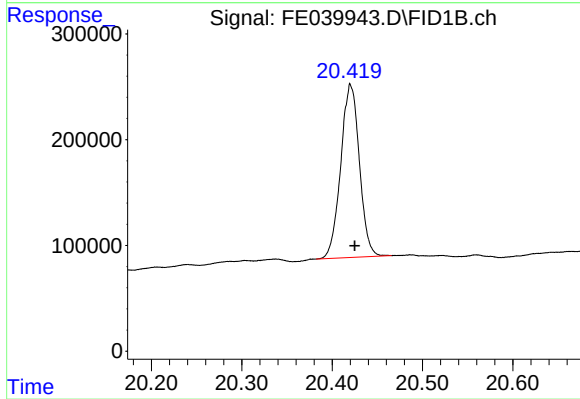
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min

Delta R.T.: -0.005 min

Response: 2555609

Conc: 20.68 ug/ml m



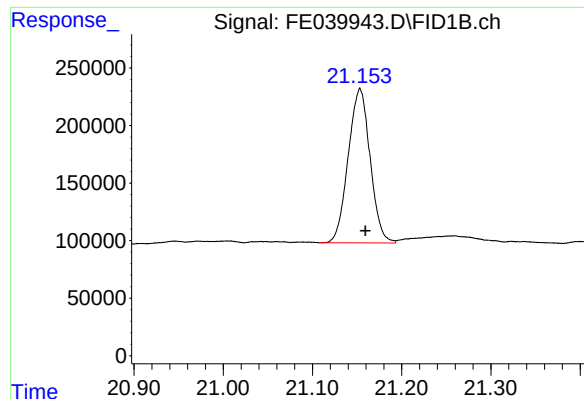
#20 n-Hexatriacontane (C36)

R.T.: 20.419 min

Delta R.T.: -0.006 min

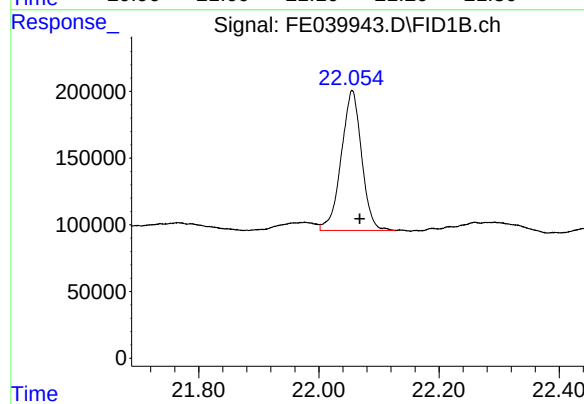
Response: 2350657

Conc: 19.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.006 min
Response: 2284197
Conc: 19.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.012 min
Response: 2469015
Conc: 20.34 ug/ml