

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012423AL\
 Data File : FE039995.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2023 13:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 23:46:03 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)	11.906	2389505	15.560 ug/ml
Spiked Amount	50.000	Recovery	= 31.12%
12) S 1-chlorooctadecane (S...	13.343	1828609	15.670 ug/ml
Spiked Amount	50.000	Recovery	= 31.34%
Target Compounds			
1) T n-Nonane (C9)	3.303	2001446	15.767 ug/ml
2) T n-Decane (C10)	4.551	2005392	16.148 ug/ml
3) T A~Naphthalene (C11.7)	6.254	2198071	15.586 ug/ml
4) T n-Dodecane (C12)	6.715	2030810	16.152 ug/ml
5) T A~2-methylnaphthalene...	7.348	2052596	15.671 ug/ml
6) T n-Tetradecane (C14)	8.540	2075045	16.134 ug/ml
7) T n-Hexadecane (C16)	10.147	2165013	16.048 ug/ml
8) T n-Octadecane (C18)	11.589	2220309	15.845 ug/ml
10) T n-Eicosane (C20)	12.898	2173617	15.688 ug/ml
11) T n-Heneicosane (C21)	13.510	2174570	15.584 ug/ml
13) T n-Docosane (C22)	14.096	2172599	15.652 ug/ml
14) T n-Tetracosane (C24)	15.199	2205644	16.020 ug/ml
15) T n-Hexacosane (C26)	16.220	2146861	16.086 ug/ml
16) T n-Octacosane (C28)	17.171	2191306	16.833 ug/ml
17) T n-Tricontane (C30)	18.059	2373759	18.614 ug/ml
18) T n-Dotriacontane (C32)	18.893	2456799	19.433 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2262005	18.306 ug/ml
20) T n-Hexatriacontane (C36)	20.418	2075385	17.603 ug/ml
21) T n-Octatriacontane (C38)	21.151	1934807	16.188 ug/ml
22) T n-Tetracontane (C40)	22.050	2014092	16.595 ug/ml

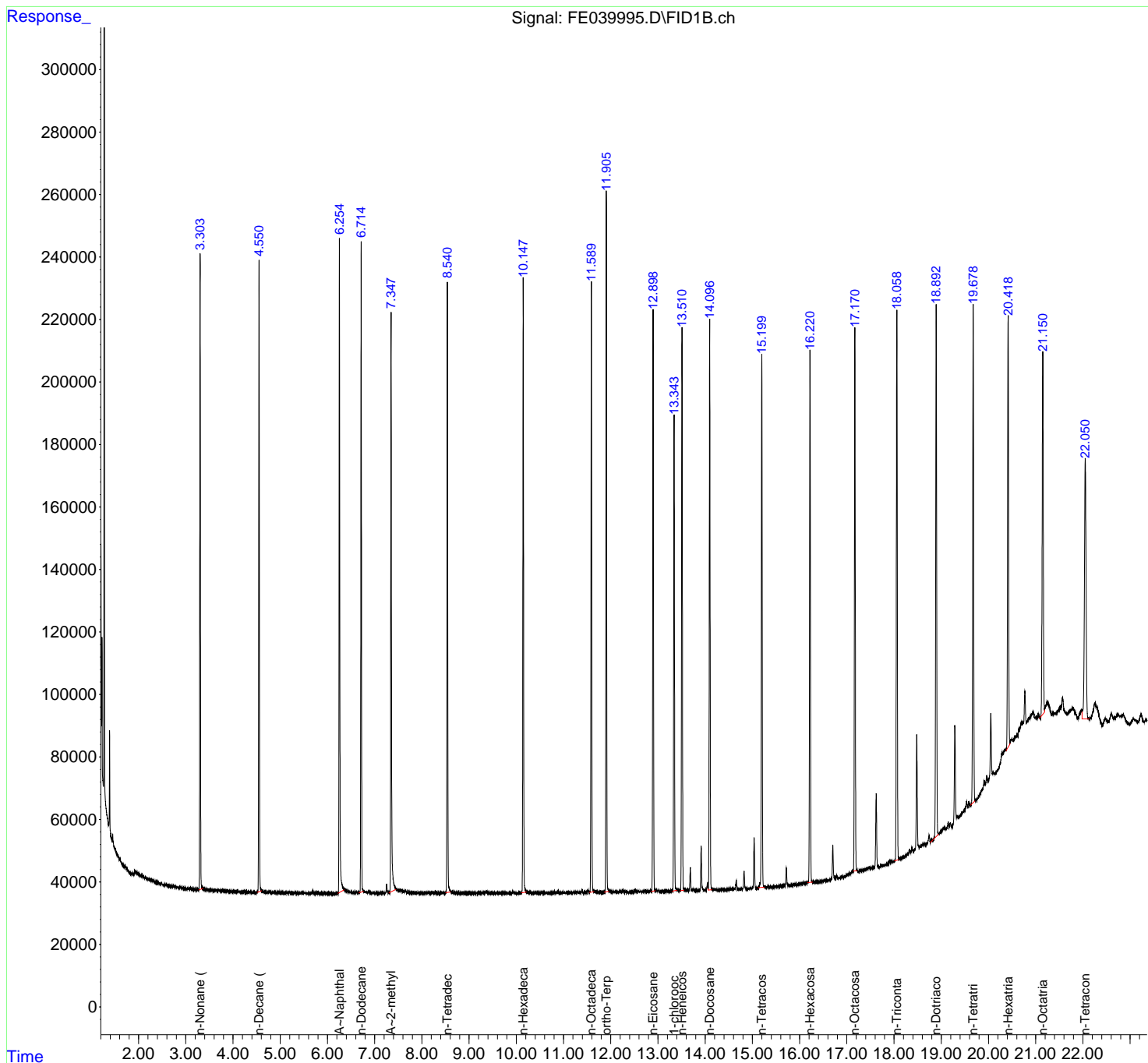
(f)=RT Delta > 1/2 Window

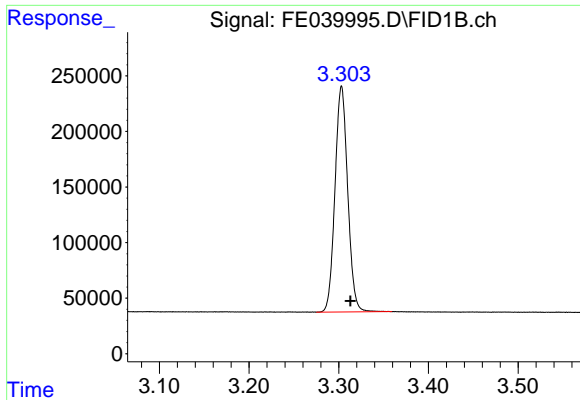
(m)=manual int.

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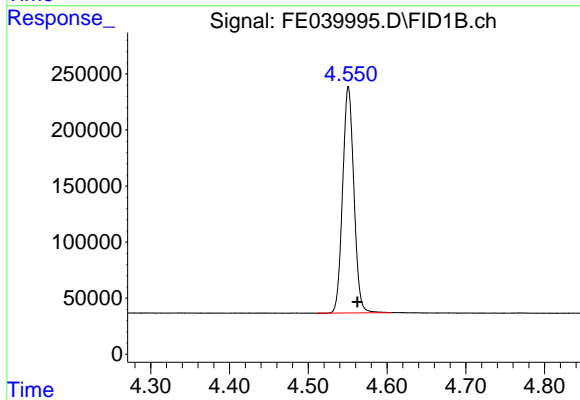
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 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um





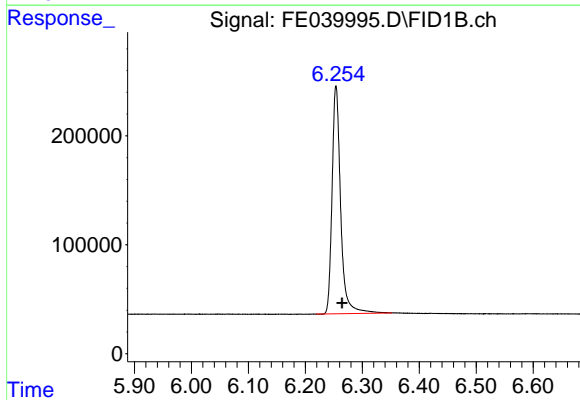
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.010 min
Response: 2001446
Conc: 15.77 ug/ml



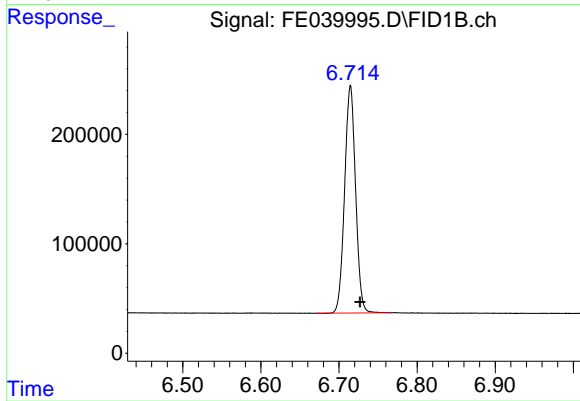
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.012 min
Response: 2005392
Conc: 16.15 ug/ml



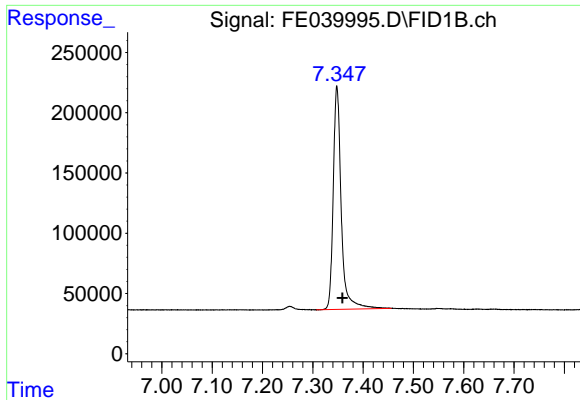
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.011 min
Response: 2198071
Conc: 15.59 ug/ml



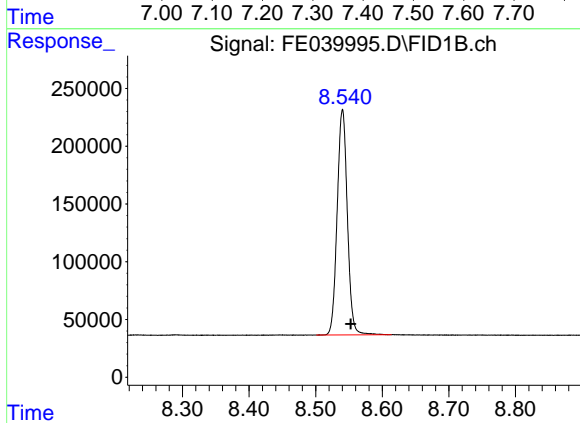
#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.012 min
Response: 2030810
Conc: 16.15 ug/ml



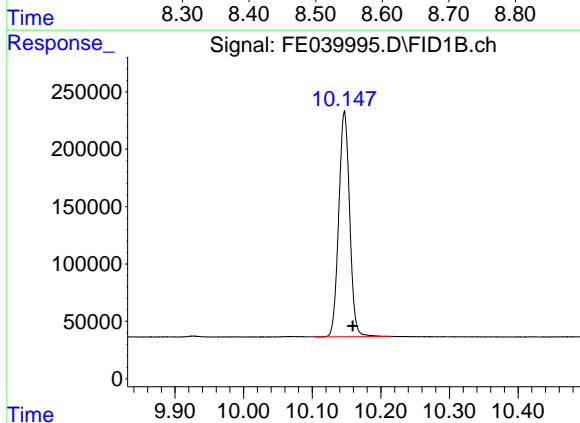
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.348 min
Delta R.T.: -0.011 min
Response: 2052596
Conc: 15.67 ug/ml



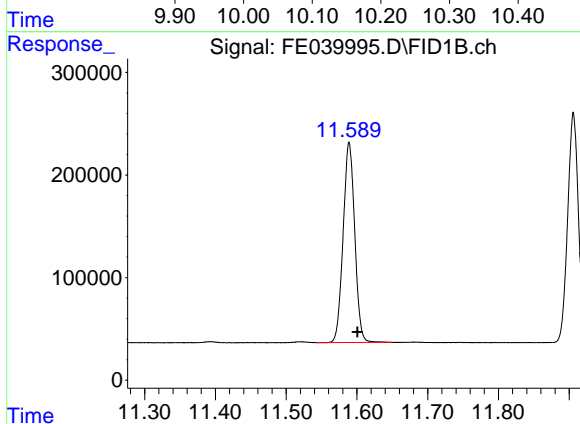
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.012 min
Response: 2075045
Conc: 16.13 ug/ml



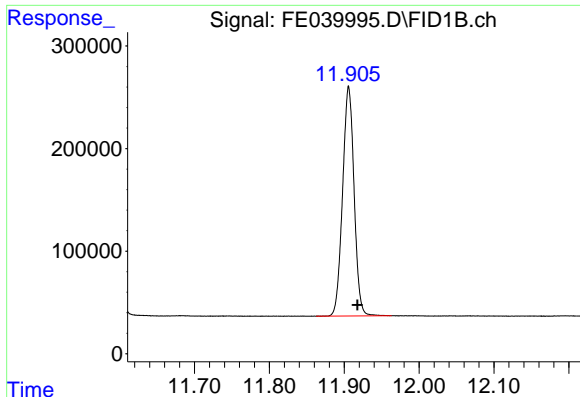
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.012 min
Response: 2165013
Conc: 16.05 ug/ml



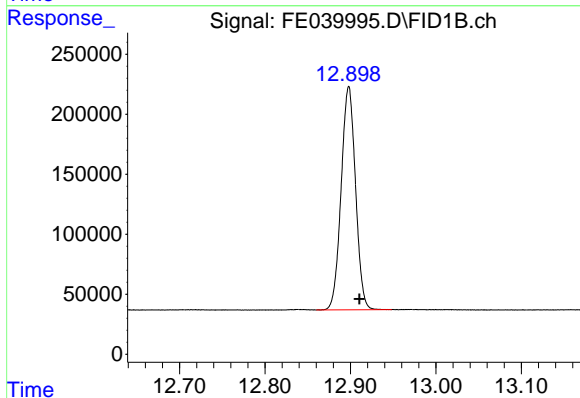
#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.012 min
Response: 2220309
Conc: 15.85 ug/ml



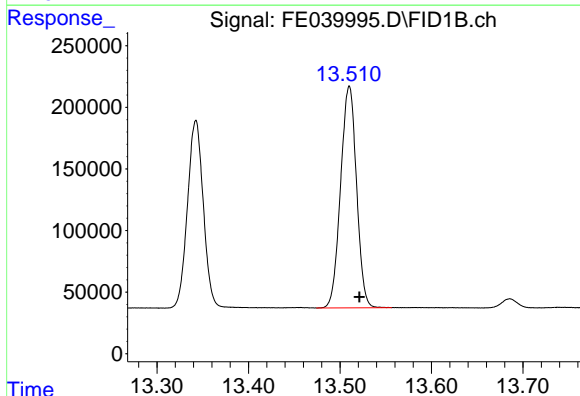
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.012 min
Response: 2389505
Conc: 15.56 ug/ml



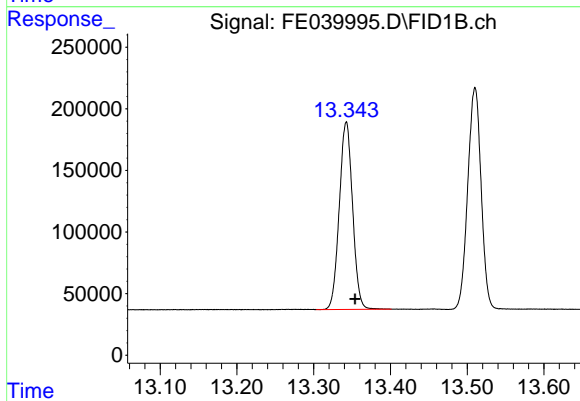
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.012 min
Response: 2173617
Conc: 15.69 ug/ml



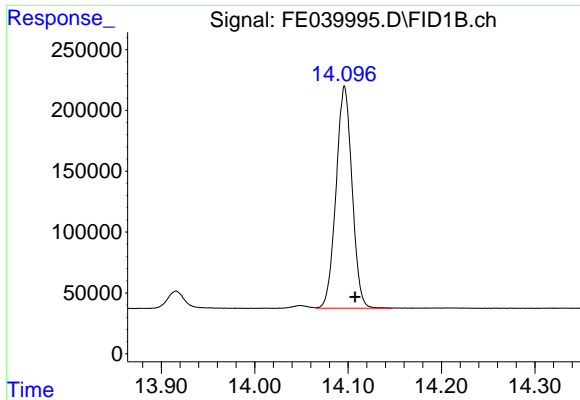
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.011 min
Response: 2174570
Conc: 15.58 ug/ml

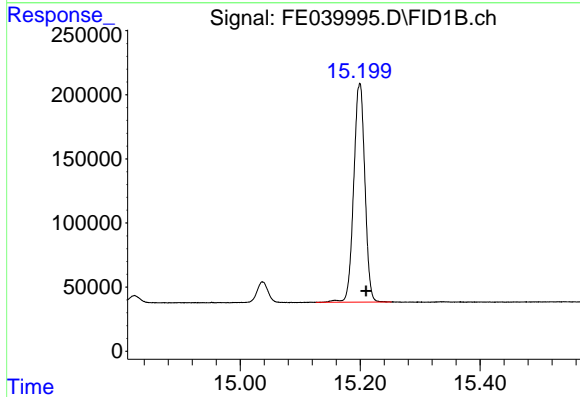


#12 1-chlorooctadecane (SURR)

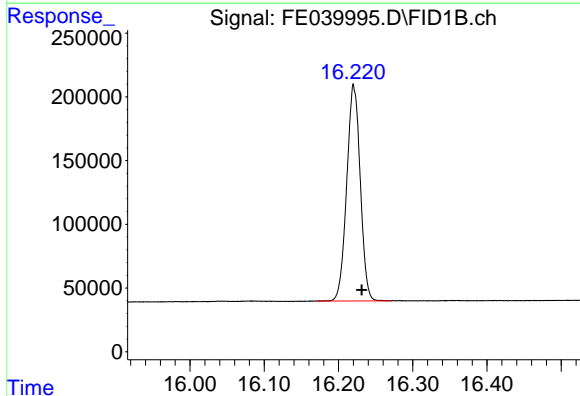
R.T.: 13.343 min
Delta R.T.: -0.011 min
Response: 1828609
Conc: 15.67 ug/ml



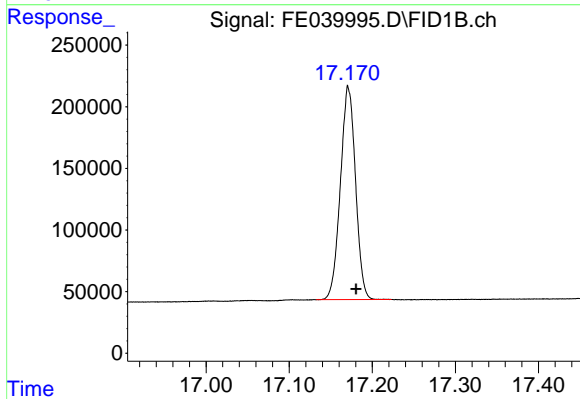
#13 n-Docosane (C22)
R.T.: 14.096 min
Delta R.T.: -0.011 min
Response: 2172599
Conc: 15.65 ug/ml



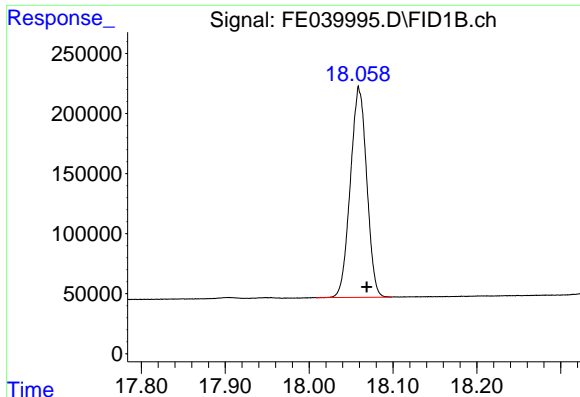
#14 n-Tetracosane (C24)
R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 2205644
Conc: 16.02 ug/ml



#15 n-Hexacosane (C26)
R.T.: 16.220 min
Delta R.T.: -0.011 min
Response: 2146861
Conc: 16.09 ug/ml

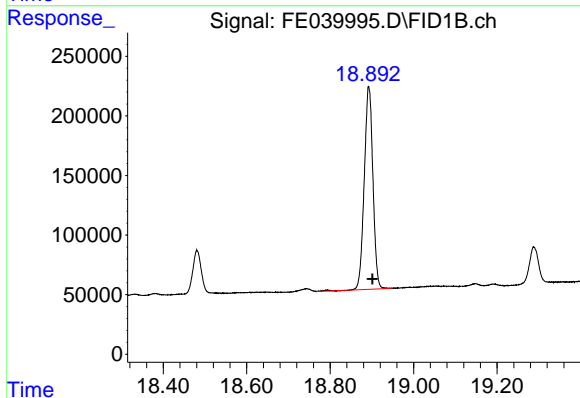


#16 n-Octacosane (C28)
R.T.: 17.171 min
Delta R.T.: -0.009 min
Response: 2191306
Conc: 16.83 ug/ml



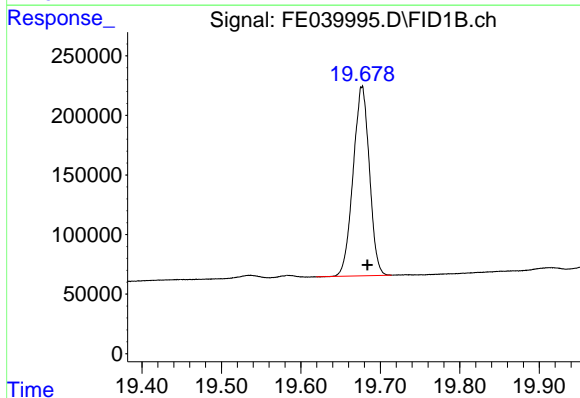
#17 n-Tricontane (C30)

R.T.: 18.059 min
Delta R.T.: -0.009 min
Response: 2373759
Conc: 18.61 ug/ml



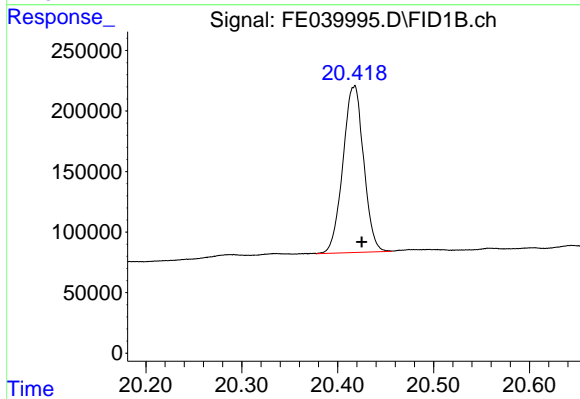
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: -0.009 min
Response: 2456799
Conc: 19.43 ug/ml



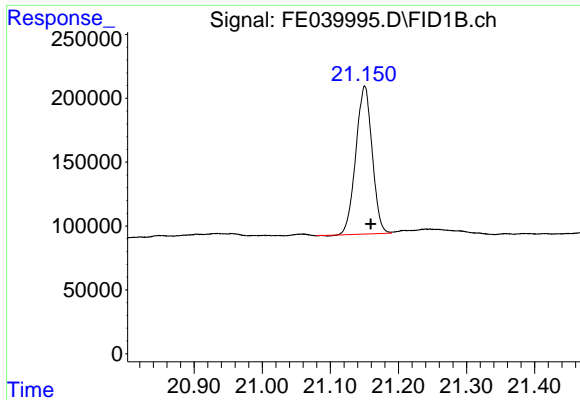
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: -0.007 min
Response: 2262005
Conc: 18.31 ug/ml



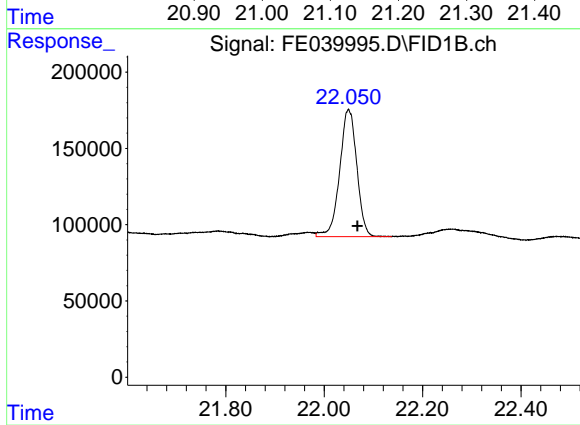
#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.007 min
Response: 2075385
Conc: 17.60 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.009 min
Response: 1934807
Conc: 16.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.018 min
Response: 2014092
Conc: 16.59 ug/ml