

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011423AL\
 Data File : FE039824.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2023 23:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 01:36:21 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)	11.916	3085362	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.354	2390335	20.483 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.309	2521785	19.867 ug/ml
2) T n-Decane (C10)	4.559	2483638	19.999 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2845629	20.178 ug/ml
4) T n-Dodecane (C12)	6.723	2540814	20.209 ug/ml
5) T A~2-methylnaphthalene...	7.357	2683092	20.485 ug/ml
6) T n-Tetradecane (C14)	8.550	2618312	20.358 ug/ml
7) T n-Hexadecane (C16)	10.158	2757260	20.438 ug/ml
8) T n-Octadecane (C18)	11.600	2850098	20.340 ug/ml
10) T n-Eicosane (C20)	12.909	2810742	20.287 ug/ml
11) T n-Heneicosane (C21)	13.521	2824454	20.241 ug/ml
13) T n-Docosane (C22)	14.108	2819875	20.316 ug/ml
14) T n-Tetracosane (C24)	15.210	2859595	20.770 ug/ml
15) T n-Hexacosane (C26)	16.232	2771370	20.765 ug/ml
16) T n-Octacosane (C28)	17.182	2790314	21.435 ug/ml
17) T n-Tricontane (C30)	18.070	2788780	21.868 ug/ml
18) T n-Dotriacontane (C32)	18.902	2808225	22.213 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2674475	21.644 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2544737	21.584 ug/ml
21) T n-Octatriacontane (C38)	21.162	2514925	21.042 ug/ml
22) T n-Tetracontane (C40)	22.068	2562904	21.117 ug/ml

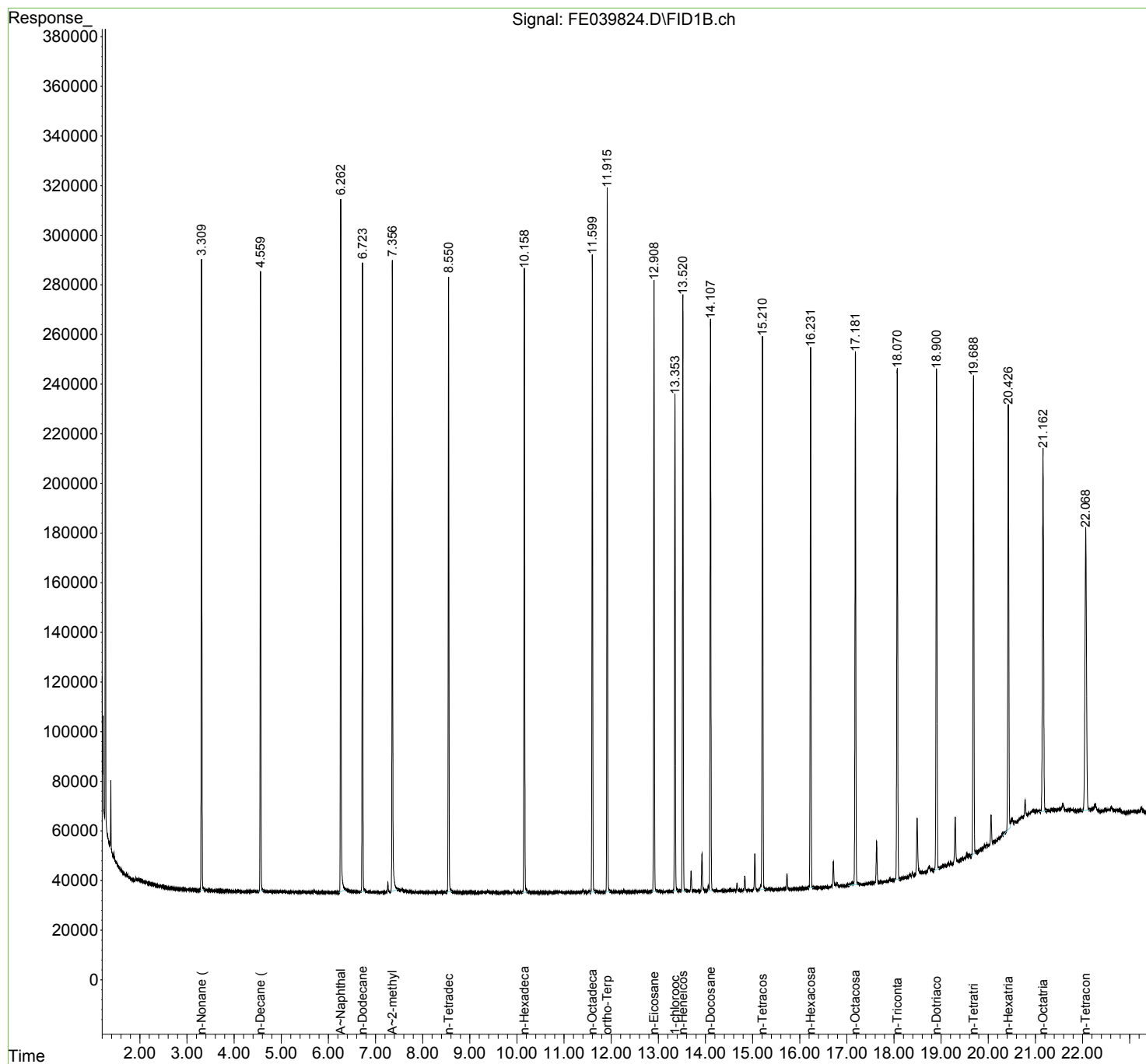
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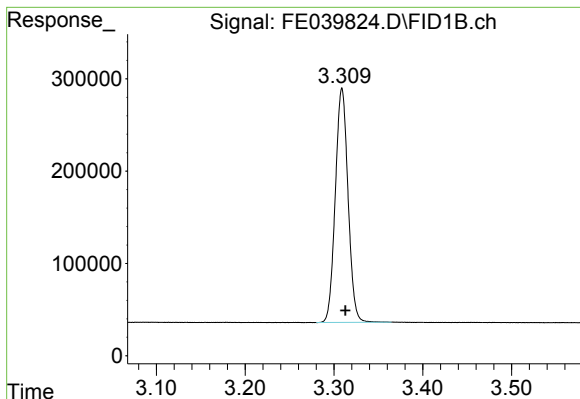
(m)=manual int.

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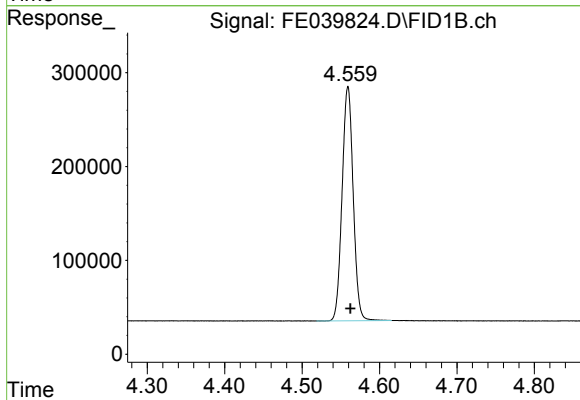
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Signal Info : 20M x 0.18mm x 0.18um





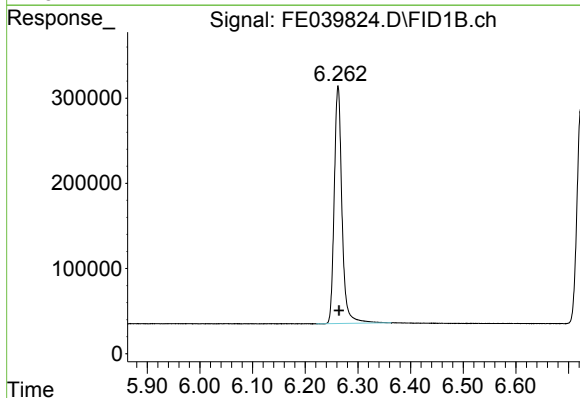
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.004 min
Response: 2521785
Conc: 19.87 ug/ml



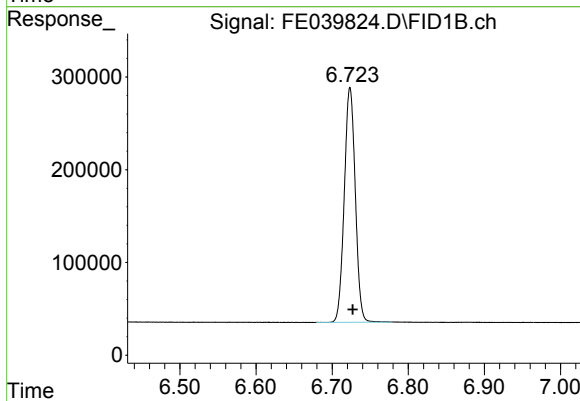
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 2483638
Conc: 20.00 ug/ml



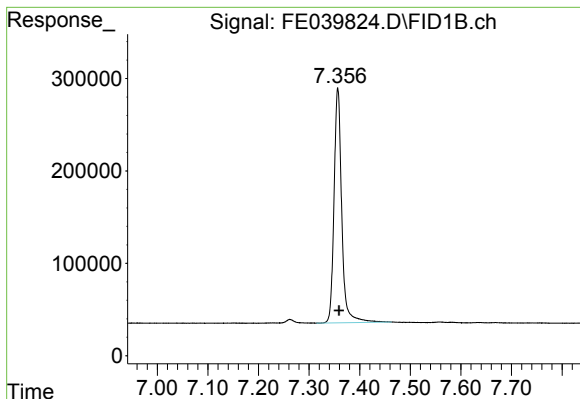
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 2845629
Conc: 20.18 ug/ml



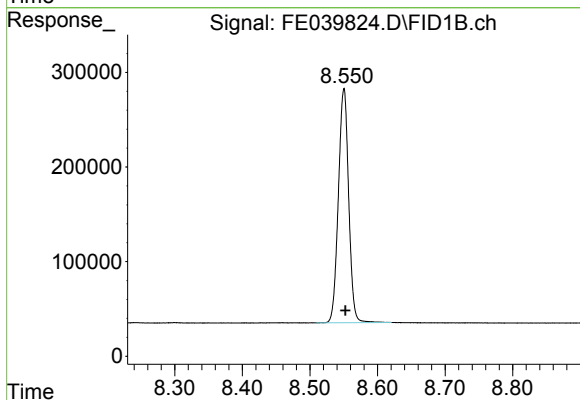
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 2540814
Conc: 20.21 ug/ml



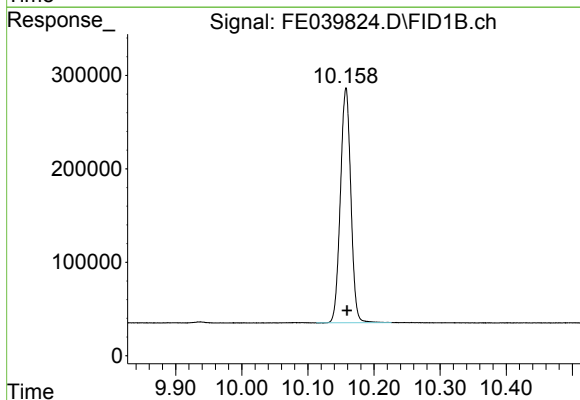
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 2683092
Conc: 20.49 ug/ml



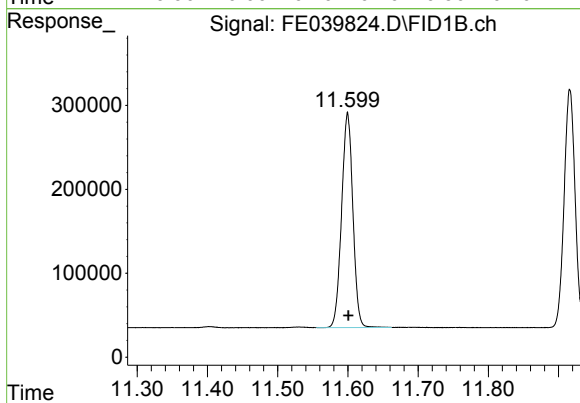
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 2618312
Conc: 20.36 ug/ml



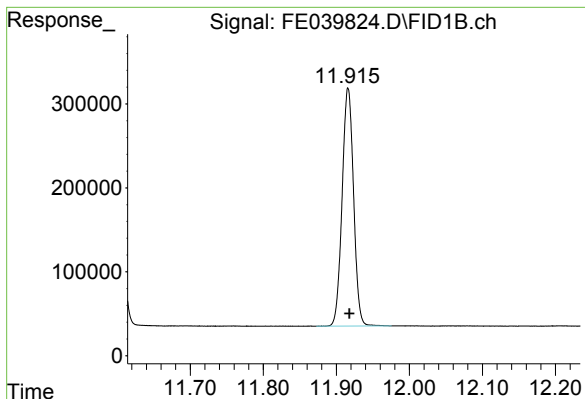
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.001 min
Response: 2757260
Conc: 20.44 ug/ml



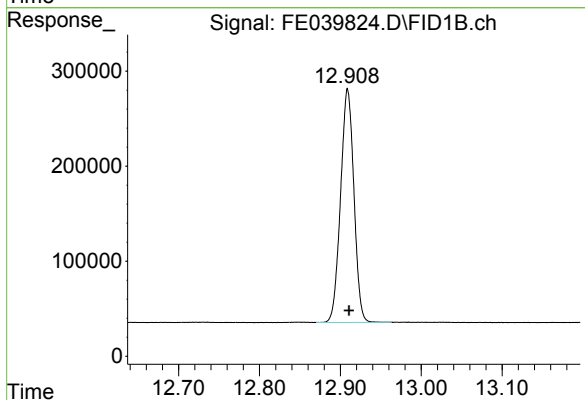
#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.001 min
Response: 2850098
Conc: 20.34 ug/ml



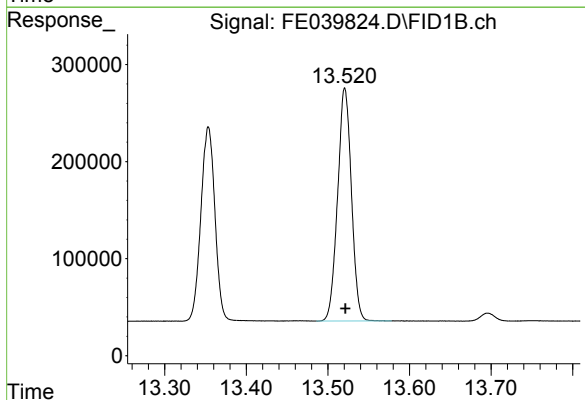
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 3085362
Conc: 20.09 ug/ml



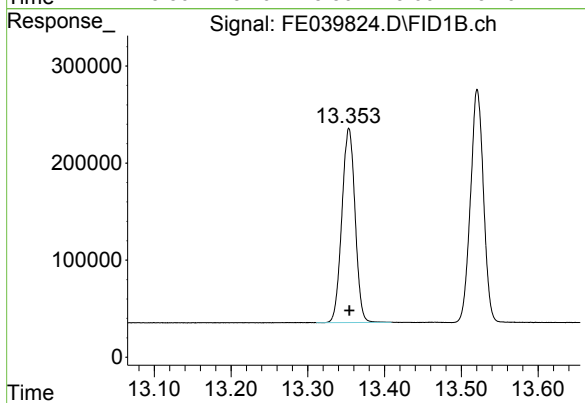
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.002 min
Response: 2810742
Conc: 20.29 ug/ml



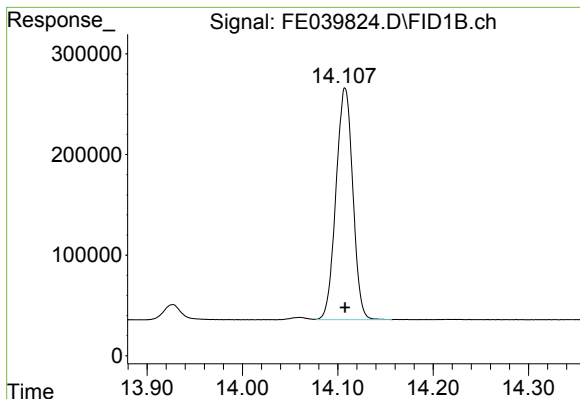
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2824454
Conc: 20.24 ug/ml



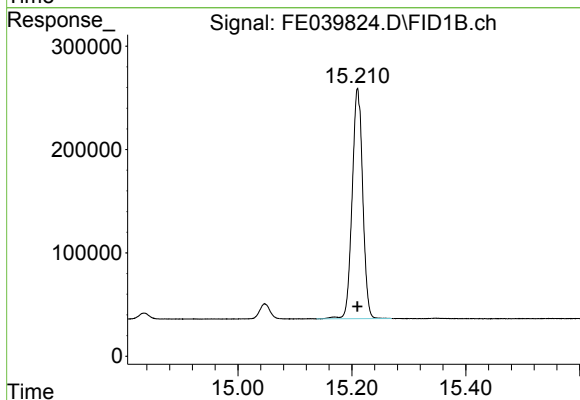
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2390335
Conc: 20.48 ug/ml



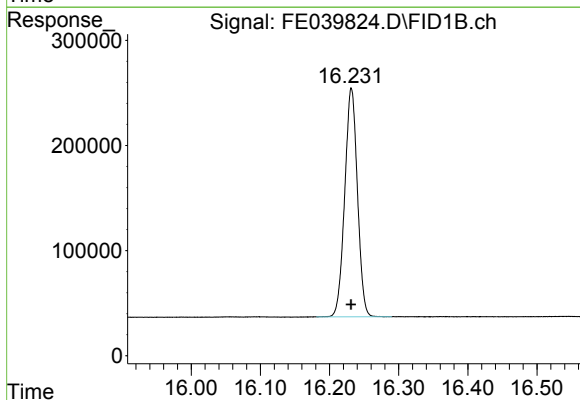
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2819875
Conc: 20.32 ug/ml



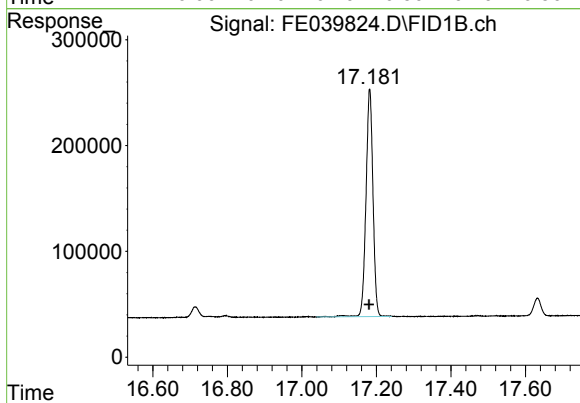
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2859595
Conc: 20.77 ug/ml



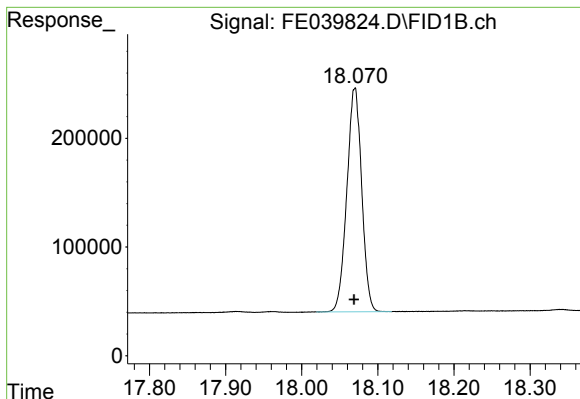
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 2771370
Conc: 20.76 ug/ml



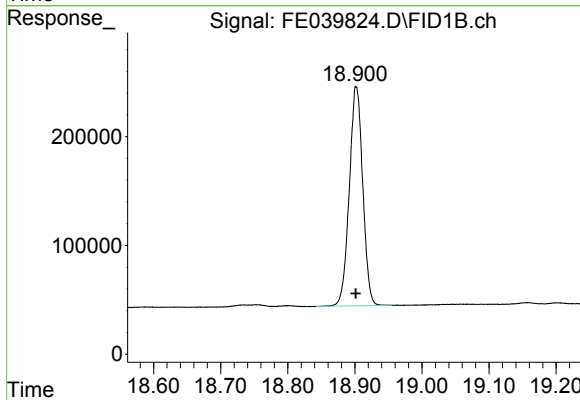
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: 0.002 min
Response: 2790314
Conc: 21.43 ug/ml



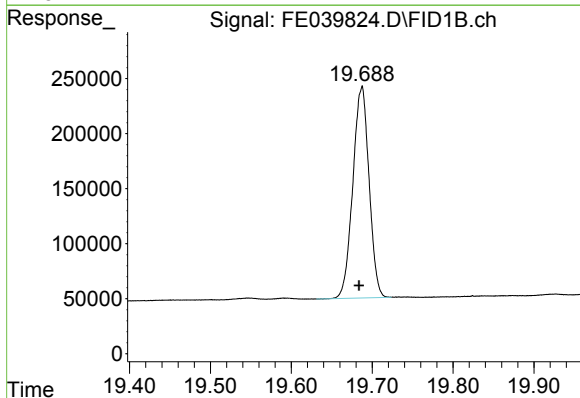
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2788780
Conc: 21.87 ug/ml



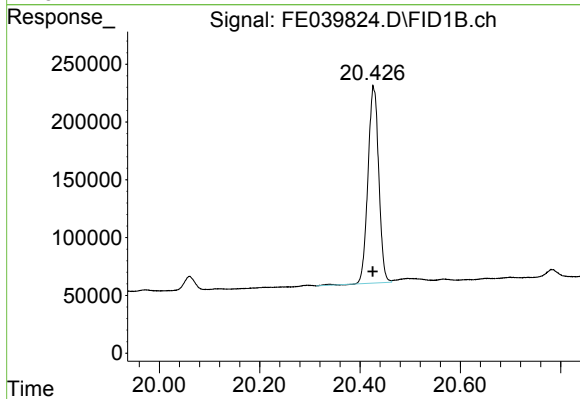
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 2808225
Conc: 22.21 ug/ml



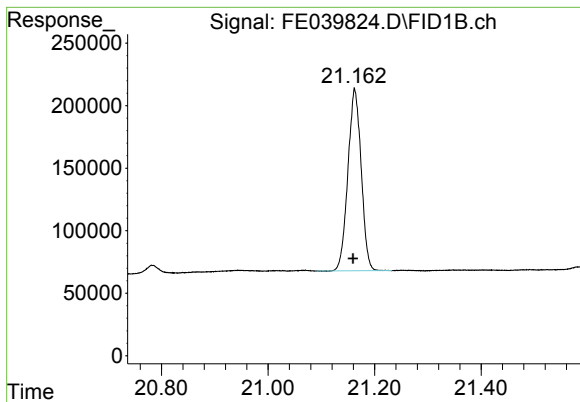
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.003 min
Response: 2674475
Conc: 21.64 ug/ml



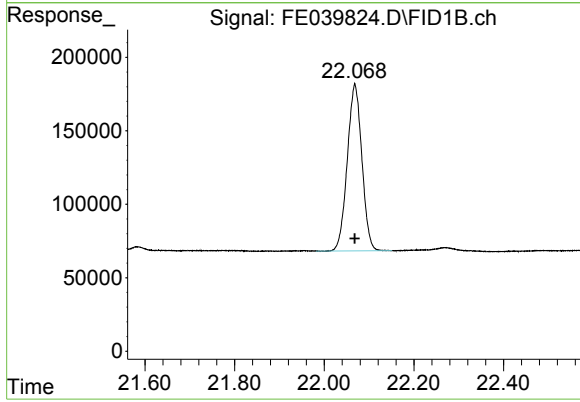
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.002 min
Response: 2544737
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.003 min
Response: 2514925
Conc: 21.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: 0.000 min
Response: 2562904
Conc: 21.12 ug/ml