

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011625AL\  
 Data File : FE051939.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jan 2025 16:12  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 16 16:33:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 16:05:07 2025  
 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.183	2684843	18.785 ug/ml
Spiked Amount	50.000	Recovery =	37.57%
12) S 1-chlorooctadecane (S...	13.605	2147483	18.720 ug/ml
Spiked Amount	50.000	Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.613	2023169	18.977 ug/ml
2) T n-Decane (C10)	4.850	2077238	18.974 ug/ml
3) T A~Naphthalene (C11.7)	6.553	2307662	18.991 ug/ml
4) T n-Dodecane (C12)	6.994	2134334	18.910 ug/ml
5) T A~2-methylnaphthalene...	7.640	2269208	19.008 ug/ml
6) T n-Tetradecane (C14)	8.813	2195885	18.880 ug/ml
7) T n-Hexadecane (C16)	10.414	2369059	18.784 ug/ml
8) T n-Octadecane (C18)	11.852	2479792	18.743 ug/ml
10) T n-Eicosane (C20)	13.159	2451982	18.704 ug/ml
11) T n-Heneicosane (C21)	13.769	2438625	18.735 ug/ml
13) T n-Docosane (C22)	14.354	2455050	18.707 ug/ml
14) T n-Tetracosane (C24)	15.455	2491182	18.755 ug/ml
15) T n-Hexacosane (C26)	16.473	2474604	18.721 ug/ml
16) T n-Octacosane (C28)	17.421	2440386	18.490 ug/ml
17) T n-Tricontane (C30)	18.306	2464193	18.074 ug/ml
18) T n-Dotriacontane (C32)	19.136	2348268	17.918 ug/ml
19) T n-Tetratriacontane (C34)	19.918	2034540	18.071 ug/ml
20) T n-Hexatriacontane (C36)	20.655	1738778	18.306 ug/ml
21) T n-Octatriacontane (C38)	21.448	1619256	18.745 ug/ml
22) T n-Tetracontane (C40)	22.458	1538238	18.666 ug/ml
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(f)=RT Delta > 1/2 Window

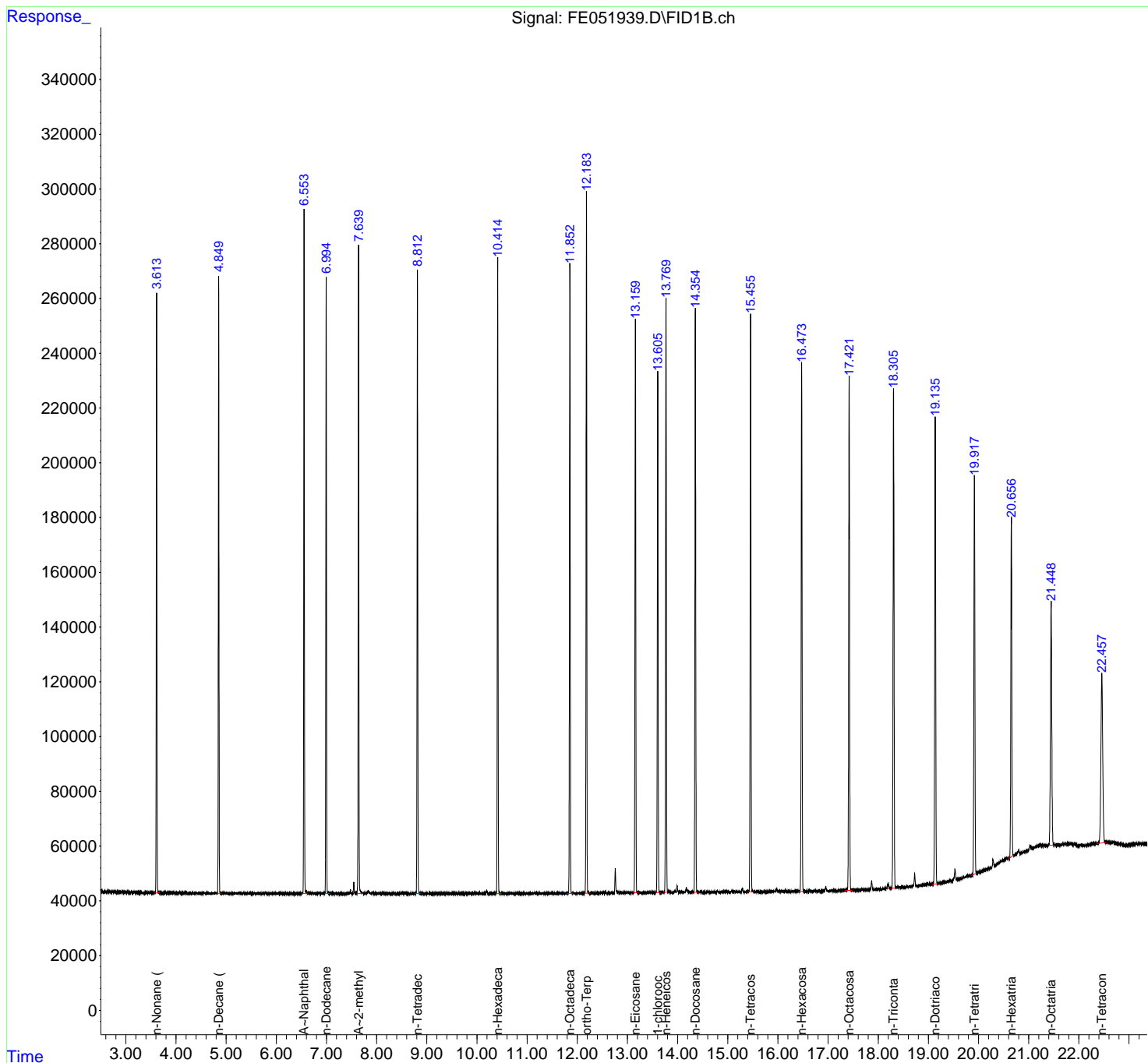
(m)=manual int.

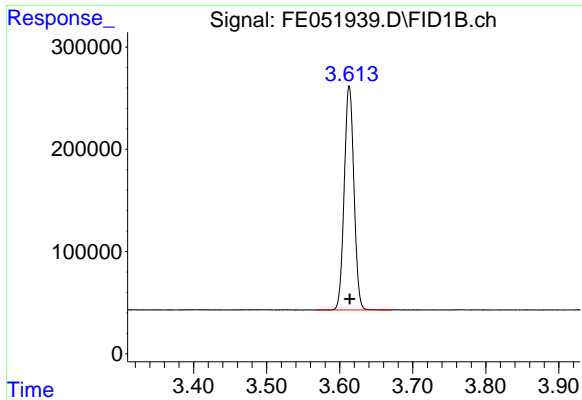
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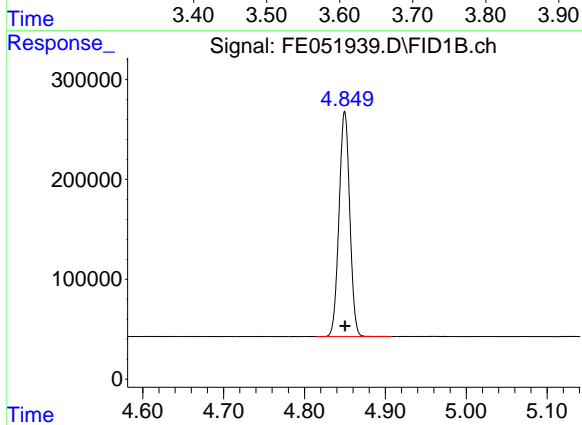




#1 n-Nonane (C9)

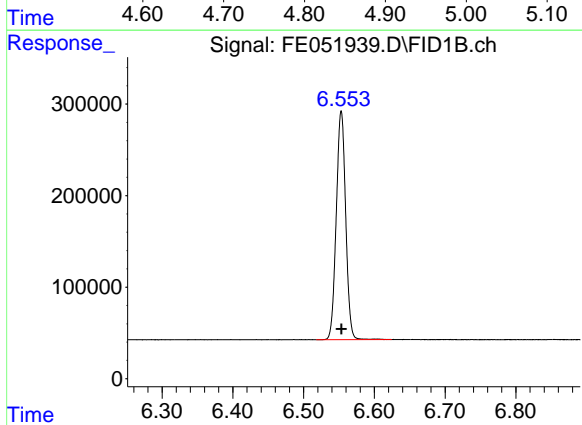
R.T.: 3.613 min  
Delta R.T.: 0.000 min  
Response: 2023169  
Conc: 18.98 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



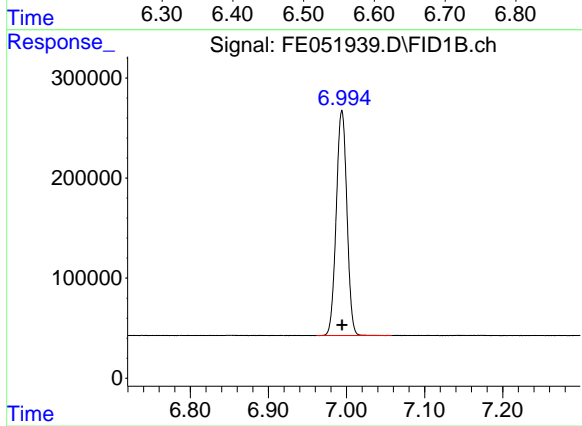
#2 n-Decane (C10)

R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 2077238  
Conc: 18.97 ug/ml



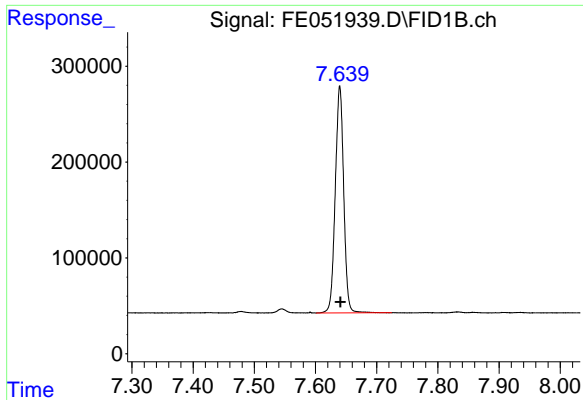
#3 A~Naphthalene (C11.7)

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 2307662  
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

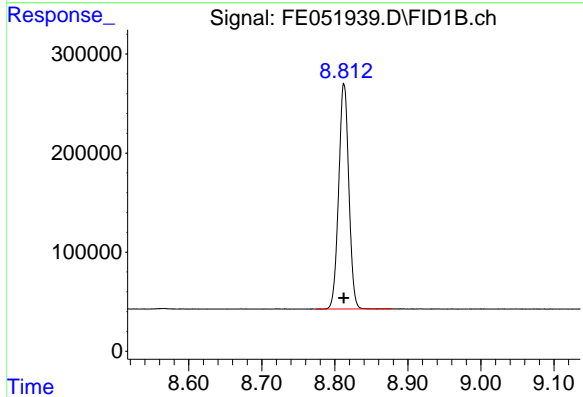
R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 2134334  
Conc: 18.91 ug/ml



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

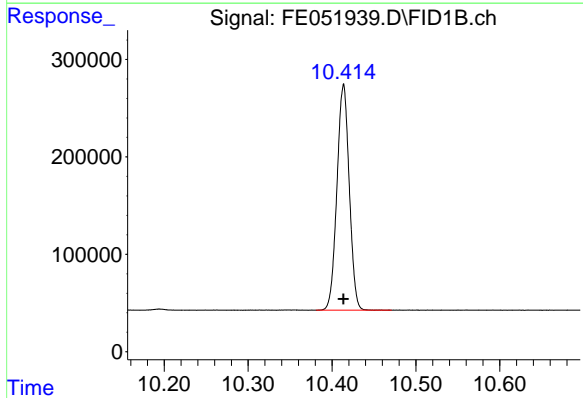
R.T.: 7.640 min  
 Delta R.T.: 0.000 min  
 Response: 2269208  
 Conc: 19.01 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



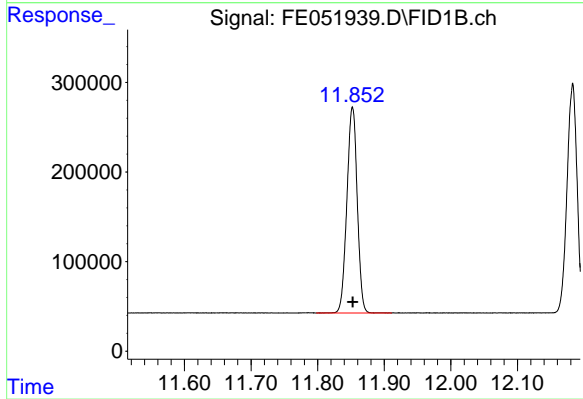
#6 n-Tetradecane (C14)

R.T.: 8.813 min  
 Delta R.T.: 0.000 min  
 Response: 2195885  
 Conc: 18.88 ug/ml



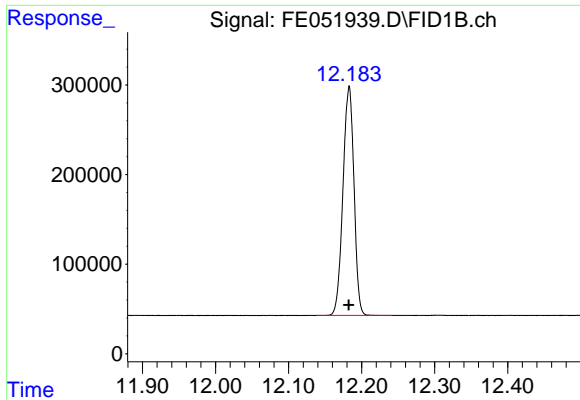
#7 n-Hexadecane (C16)

R.T.: 10.414 min  
 Delta R.T.: 0.000 min  
 Response: 2369059  
 Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

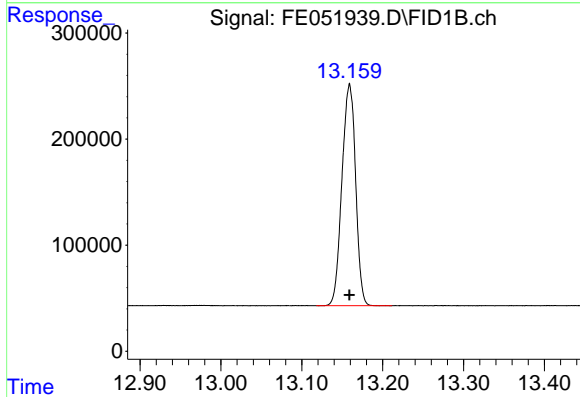
R.T.: 11.852 min  
 Delta R.T.: 0.000 min  
 Response: 2479792  
 Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

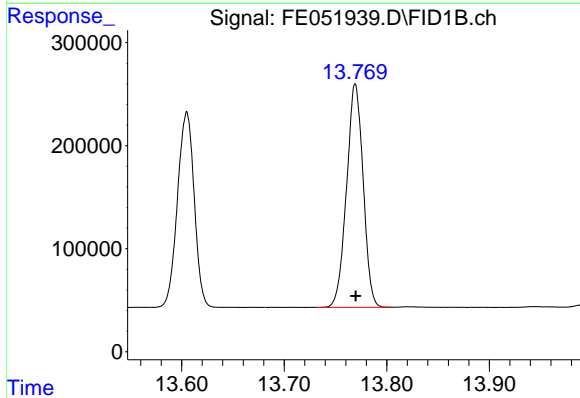
R.T.: 12.183 min  
 Delta R.T.: 0.000 min  
 Response: 2684843  
 Conc: 18.78 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



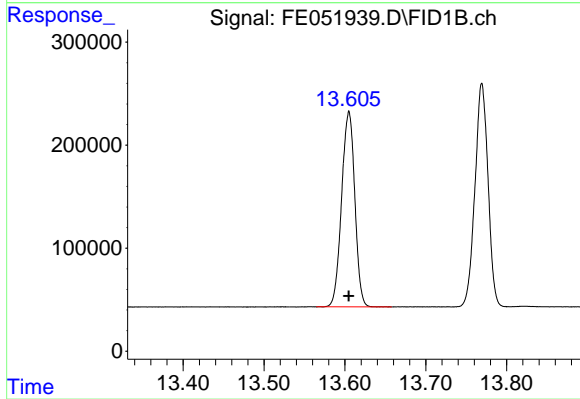
#10 n-Eicosane (C20)

R.T.: 13.159 min  
 Delta R.T.: 0.000 min  
 Response: 2451982  
 Conc: 18.70 ug/ml



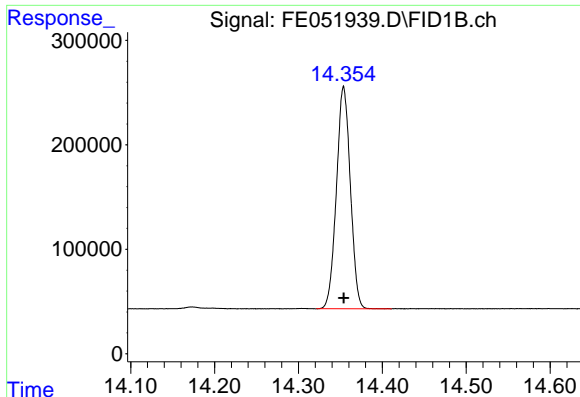
#11 n-Heneicosane (C21)

R.T.: 13.769 min  
 Delta R.T.: 0.000 min  
 Response: 2438625  
 Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

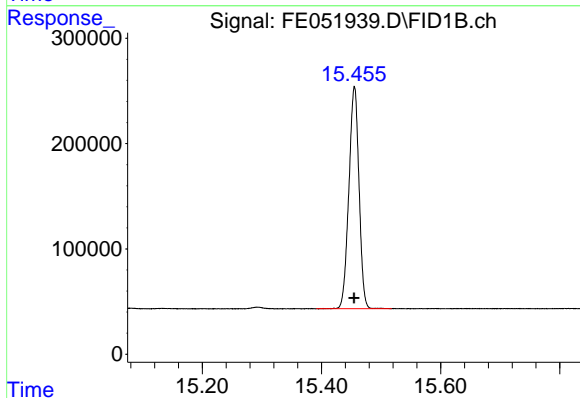
R.T.: 13.605 min  
 Delta R.T.: 0.000 min  
 Response: 2147483  
 Conc: 18.72 ug/ml



#13 n-Docosane (C22)

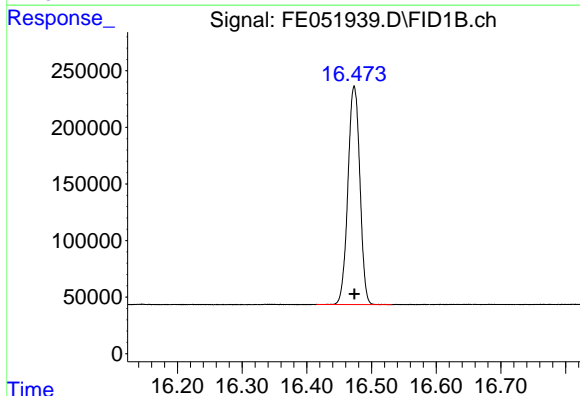
R.T.: 14.354 min  
Delta R.T.: 0.000 min  
Response: 2455050  
Conc: 18.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



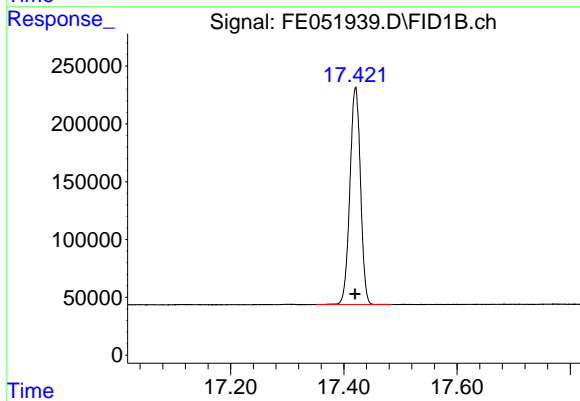
#14 n-Tetracosane (C24)

R.T.: 15.455 min  
Delta R.T.: 0.000 min  
Response: 2491182  
Conc: 18.75 ug/ml



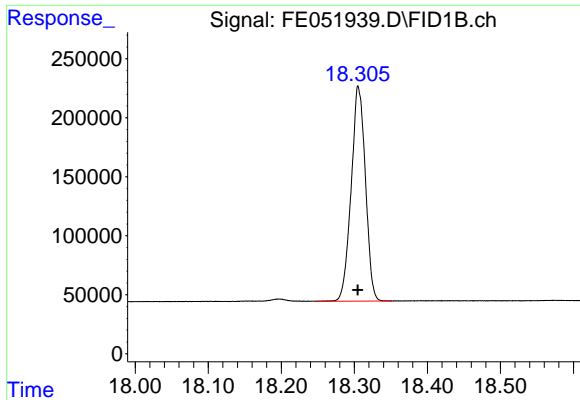
#15 n-Hexacosane (C26)

R.T.: 16.473 min  
Delta R.T.: 0.000 min  
Response: 2474604  
Conc: 18.72 ug/ml



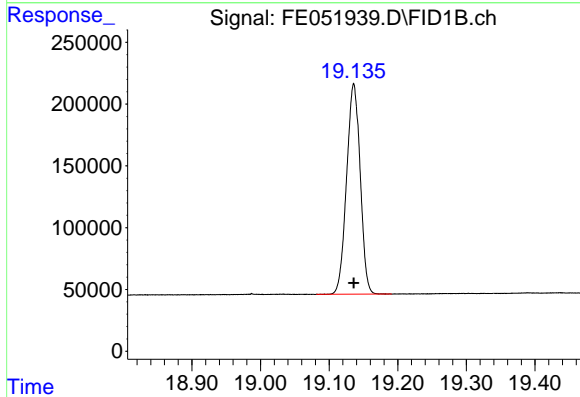
#16 n-Octacosane (C28)

R.T.: 17.421 min  
Delta R.T.: 0.000 min  
Response: 2440386  
Conc: 18.49 ug/ml

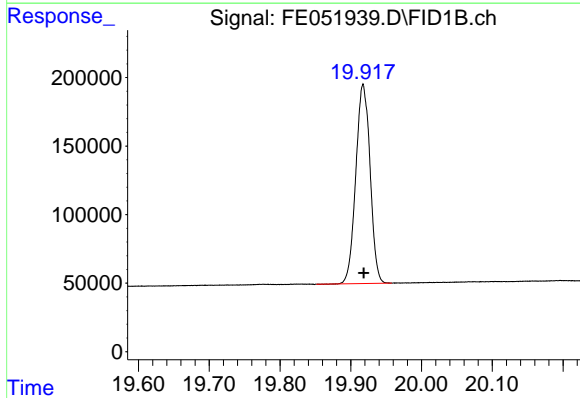


#17 n-Tricontane (C30)  
R.T.: 18.306 min  
Delta R.T.: 0.000 min  
Response: 2464193  
Conc: 18.07 ug/ml

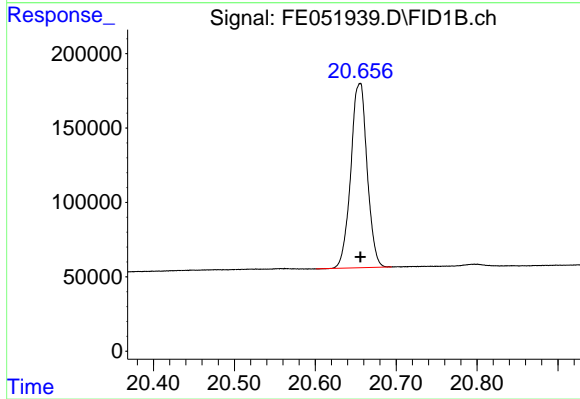
Instrument :  
FID\_E  
ClientSampleId :



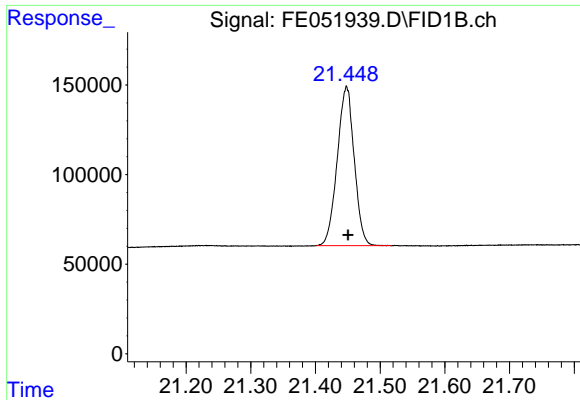
#18 n-Dotriacontane (C32)  
R.T.: 19.136 min  
Delta R.T.: 0.000 min  
Response: 2348268  
Conc: 17.92 ug/ml



#19 n-Tetratriacontane (C34)  
R.T.: 19.918 min  
Delta R.T.: 0.000 min  
Response: 2034540  
Conc: 18.07 ug/ml



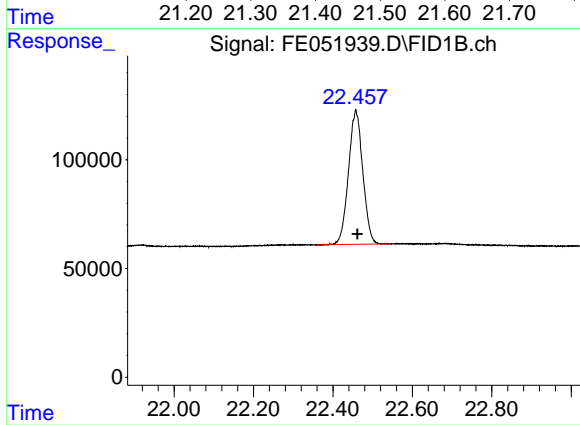
#20 n-Hexatriacontane (C36)  
R.T.: 20.655 min  
Delta R.T.: -0.001 min  
Response: 1738778  
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.448 min  
Delta R.T.: -0.002 min  
Response: 1619256  
Conc: 18.75 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.458 min  
Delta R.T.: -0.004 min  
Response: 1538238  
Conc: 18.67 ug/ml