

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050123AL\  
 Data File : FE041658.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 May 2023 05:53  
 Operator : YP\AJ  
 Sample : 02559-07MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 5MSD

Integration File: autoint1.e  
 Quant Time: May 02 06:19:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.987	5170464	27.560 ug/ml
Spiked Amount	50.000	Recovery	= 55.12%
12) S 1-chlorooctadecane (S...	13.424	3962389	28.048 ug/ml
Spiked Amount	50.000	Recovery	= 56.10%
Target Compounds			
1) T n-Nonane (C9)	3.377	6905984	46.981 ug/ml
2) T n-Decane (C10)	4.622	7066987	47.120 ug/ml
3) T A~Naphthalene (C11.7)	6.325	7800218	47.134 ug/ml
4) T n-Dodecane (C12)	6.784	7301922	48.025 ug/ml
5) T A~2-methylnaphthalene...	7.421	7349473	45.579 ug/ml
6) T n-Tetradecane (C14)	8.614	7229425	47.592 ug/ml
7) T n-Hexadecane (C16)	10.222	7311331	45.815 ug/ml
8) T n-Octadecane (C18)	11.669	7528807	45.932 ug/ml
10) T n-Eicosane (C20)	12.981	7106418	44.182 ug/ml
11) T n-Heneicosane (C21)	13.593	7182585	45.068 ug/ml
13) T n-Docosane (C22)	14.179	6795988	42.654 ug/ml
14) T n-Tetracosane (C24)	15.277	13217054	81.981 ug/ml
15) T n-Hexacosane (C26)	16.307	6532005	41.316 ug/ml
16) T n-Octacosane (C28)	17.257	6470008	42.048 ug/ml
17) T n-Tricontane (C30)	18.149	6464772	42.447 ug/ml
18) T n-Dotriacontane (C32)	18.980	6404346	42.988 ug/ml
19) T n-Tetratriacontane (C34)	19.765	6253250	44.388 ug/ml
20) T n-Hexatriacontane (C36)	20.507	5874496	43.928 ug/ml
21) T n-Octatriacontane (C38)	21.266	5903692	44.679 ug/ml
22) T n-Tetracontane (C40)	22.214f	6384970	50.430 ug/ml

(f)=RT Delta > 1/2 Window

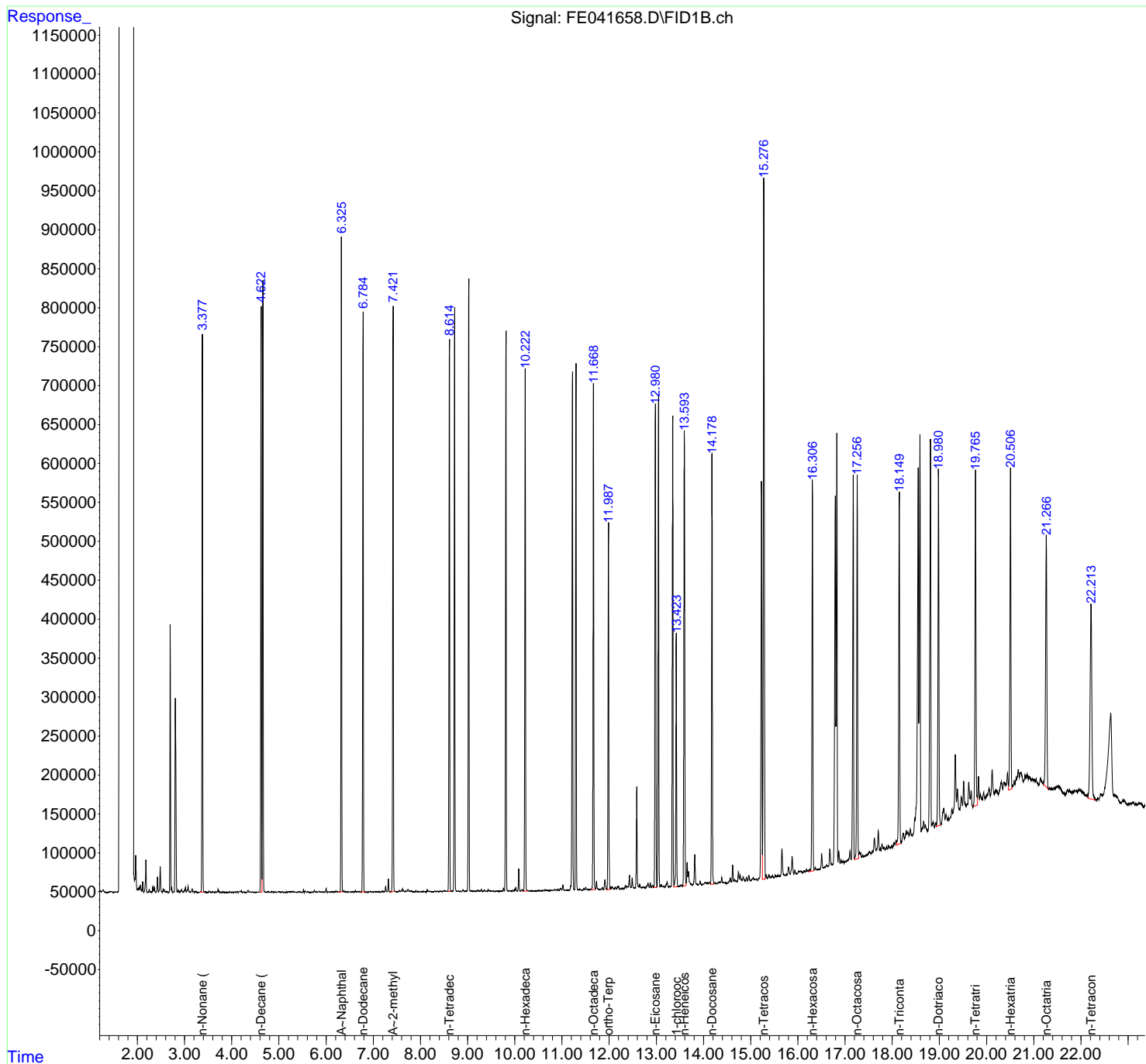
(m)=manual int.

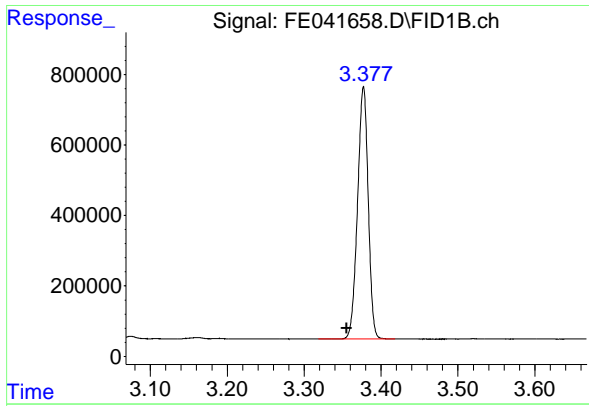
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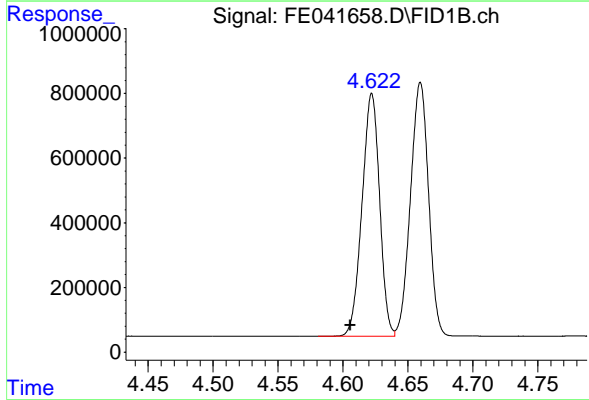




#1 n-Nonane (C9)

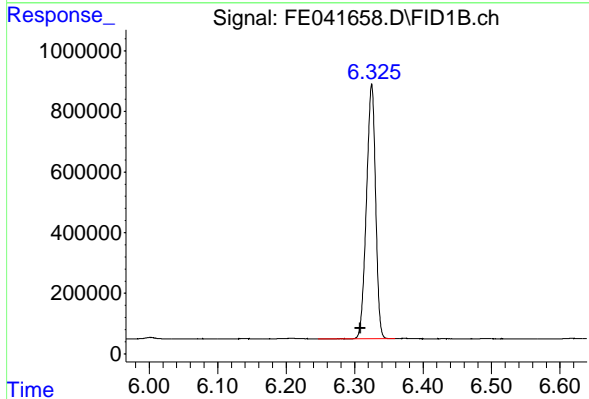
R.T.: 3.377 min  
 Delta R.T.: 0.022 min  
 Response: 6905984  
 Conc: 46.98 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 5MSD



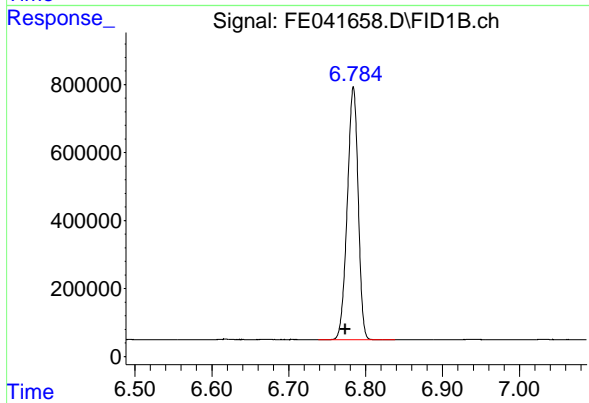
#2 n-Decane (C10)

R.T.: 4.622 min  
 Delta R.T.: 0.017 min  
 Response: 7066987  
 Conc: 47.12 ug/ml



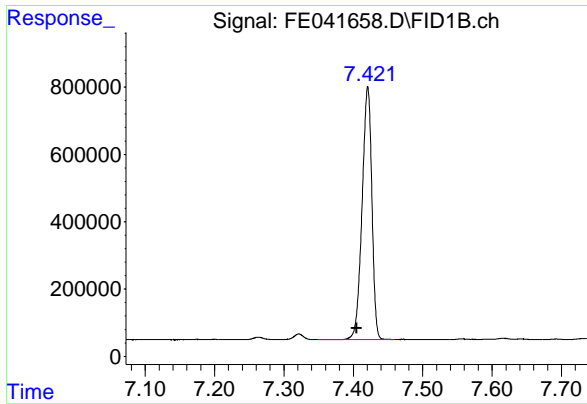
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min  
 Delta R.T.: 0.017 min  
 Response: 7800218  
 Conc: 47.13 ug/ml



#4 n-Dodecane (C12)

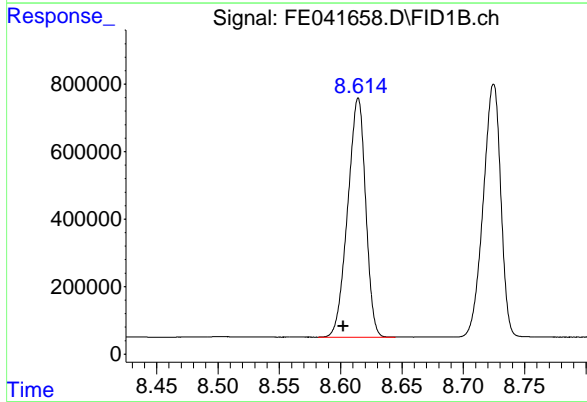
R.T.: 6.784 min  
 Delta R.T.: 0.011 min  
 Response: 7301922  
 Conc: 48.03 ug/ml



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

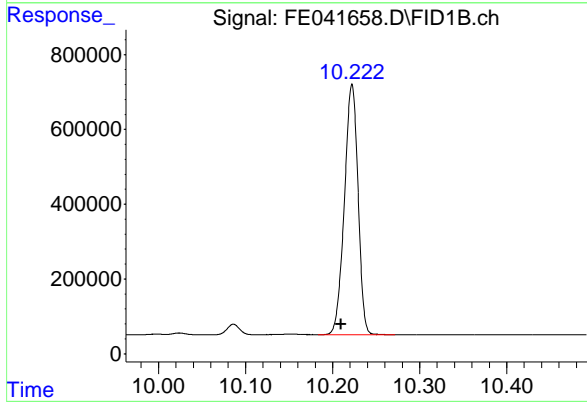
R.T.: 7.421 min  
 Delta R.T.: 0.016 min  
 Response: 7349473  
 Conc: 45.58 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 5MSD



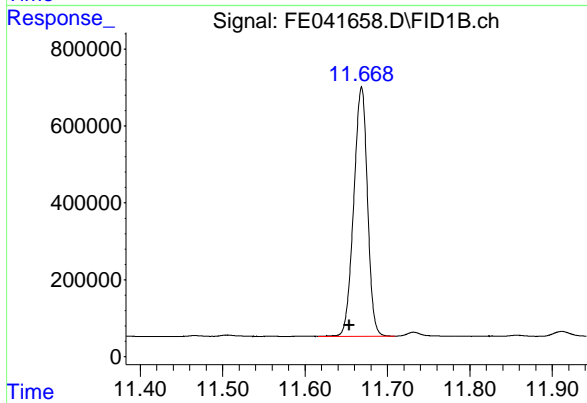
#6 n-Tetradecane (C14)

R.T.: 8.614 min  
 Delta R.T.: 0.012 min  
 Response: 7229425  
 Conc: 47.59 ug/ml



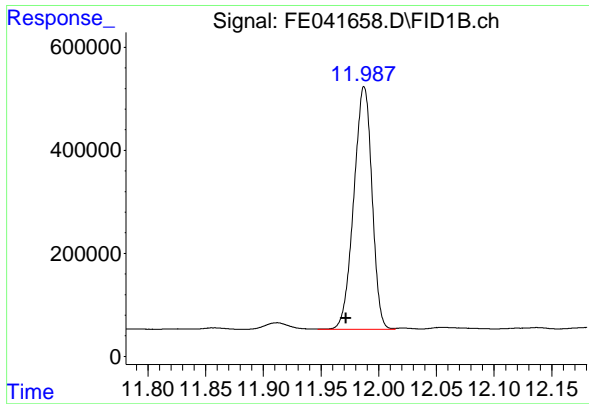
#7 n-Hexadecane (C16)

R.T.: 10.222 min  
 Delta R.T.: 0.012 min  
 Response: 7311331  
 Conc: 45.81 ug/ml



#8 n-Octadecane (C18)

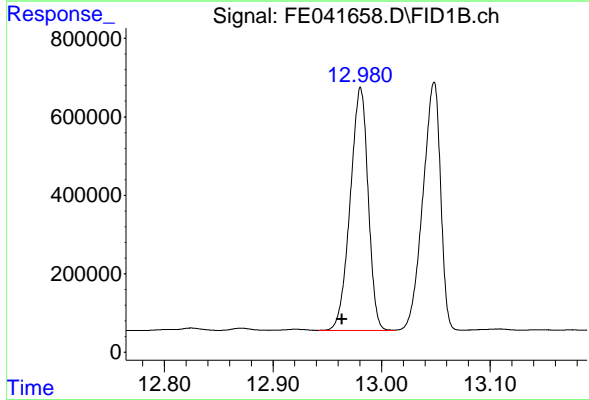
R.T.: 11.669 min  
 Delta R.T.: 0.015 min  
 Response: 7528807  
 Conc: 45.93 ug/ml



#9 ortho-Terphenyl (SURR)

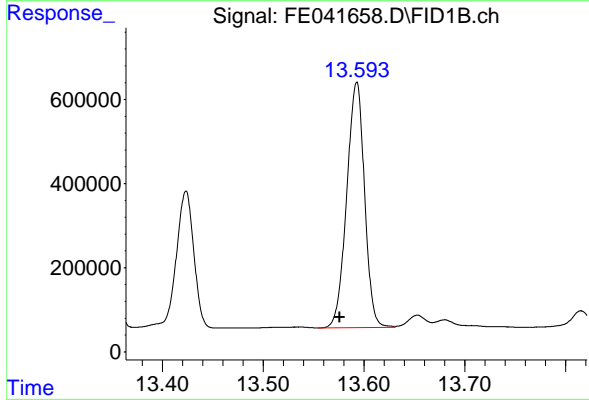
R.T.: 11.987 min  
 Delta R.T.: 0.016 min  
 Response: 5170464  
 Conc: 27.56 ug/ml

Instrument : FID\_E  
 ClientSampleId : 5MSD



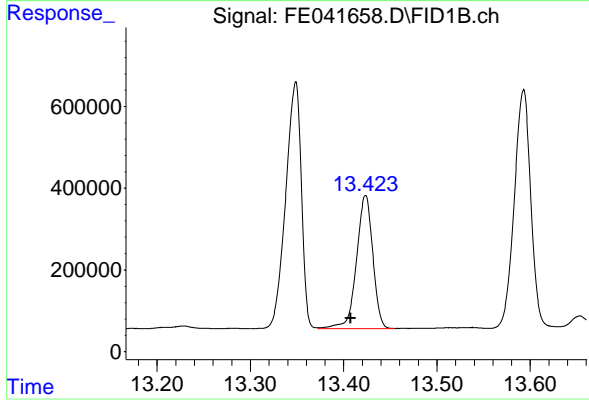
#10 n-Eicosane (C20)

R.T.: 12.981 min  
 Delta R.T.: 0.017 min  
 Response: 7106418  
 Conc: 44.18 ug/ml



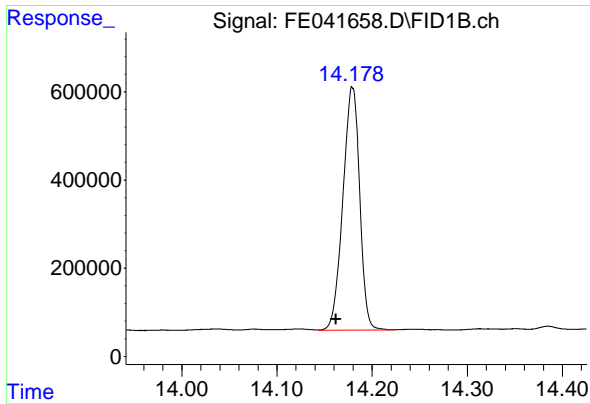
#11 n-Heneicosane (C21)

R.T.: 13.593 min  
 Delta R.T.: 0.017 min  
 Response: 7182585  
 Conc: 45.07 ug/ml



#12 1-chlorooctadecane (SURR)

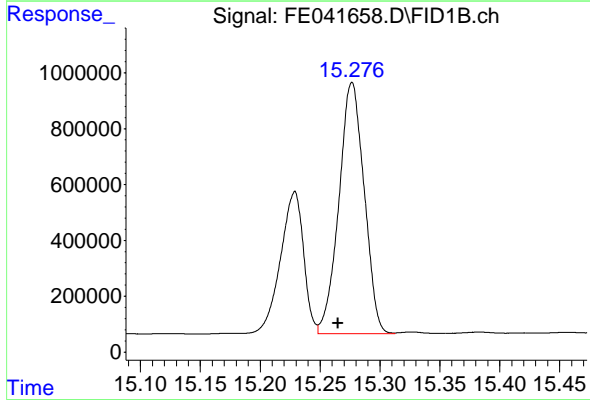
R.T.: 13.424 min  
 Delta R.T.: 0.016 min  
 Response: 3962389  
 Conc: 28.05 ug/ml



#13 n-Docosane (C22)

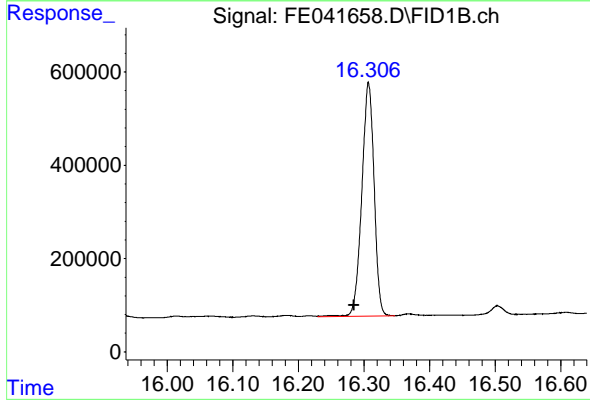
R.T.: 14.179 min  
 Delta R.T.: 0.017 min  
 Response: 6795988  
 Conc: 42.65 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 5MSD



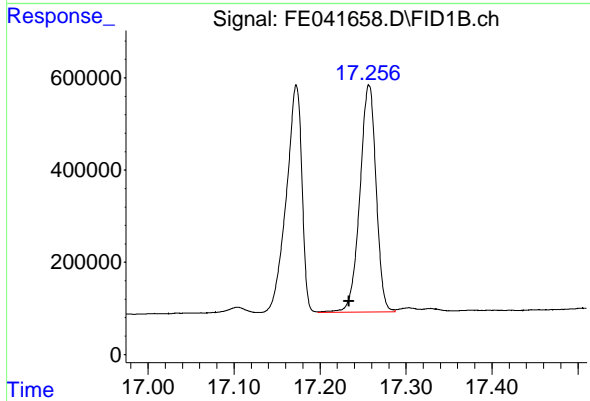
#14 n-Tetracosane (C24)

R.T.: 15.277 min  
 Delta R.T.: 0.012 min  
 Response: 13217054  
 Conc: 81.98 ug/ml



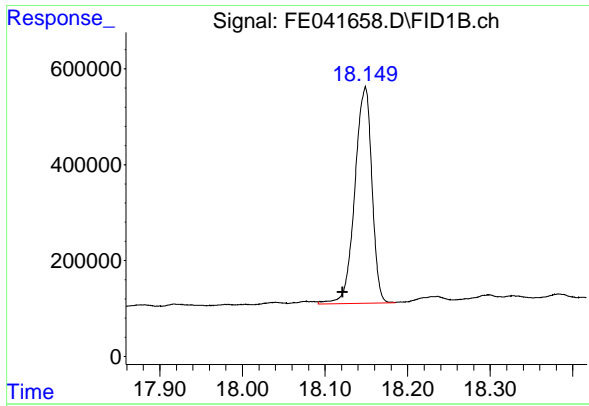
#15 n-Hexacosane (C26)

R.T.: 16.307 min  
 Delta R.T.: 0.022 min  
 Response: 6532005  
 Conc: 41.32 ug/ml



#16 n-Octacosane (C28)

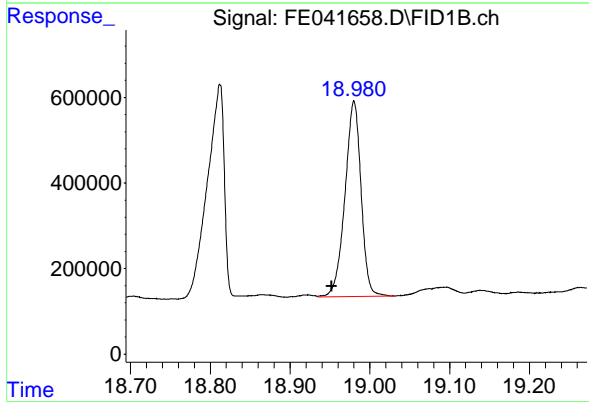
R.T.: 17.257 min  
 Delta R.T.: 0.023 min  
 Response: 6470008  
 Conc: 42.05 ug/ml



#17 n-Tricontane (C30)

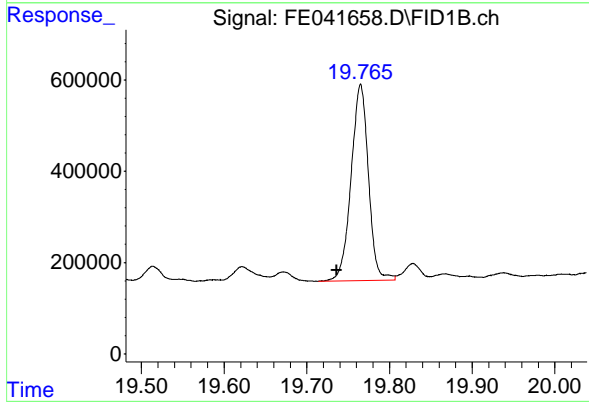
R.T.: 18.149 min  
Delta R.T.: 0.027 min  
Response: 6464772  
Conc: 42.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5MSD



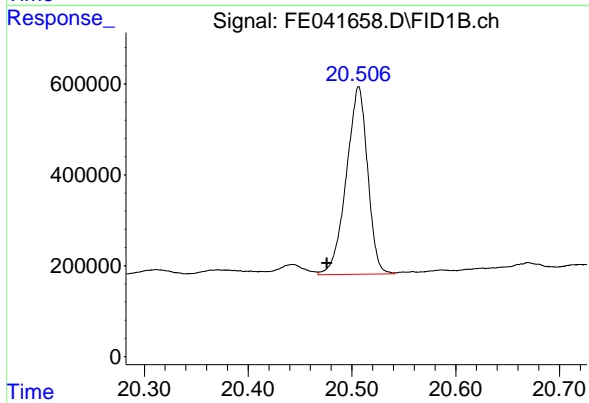
#18 n-Dotriacontane (C32)

R.T.: 18.980 min  
Delta R.T.: 0.028 min  
Response: 6404346  
Conc: 42.99 ug/ml



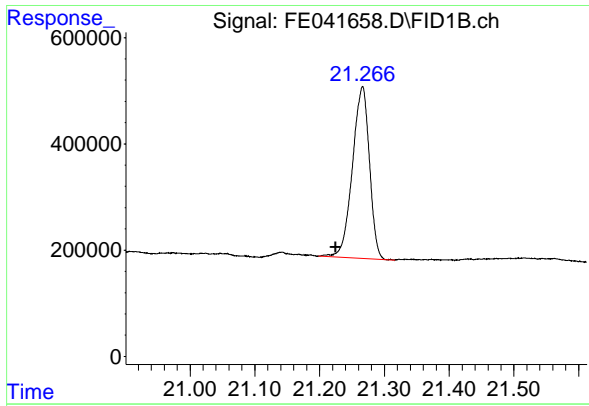
#19 n-Tetracontane (C34)

R.T.: 19.765 min  
Delta R.T.: 0.029 min  
Response: 6253250  
Conc: 44.39 ug/ml



#20 n-Hexatriacontane (C36)

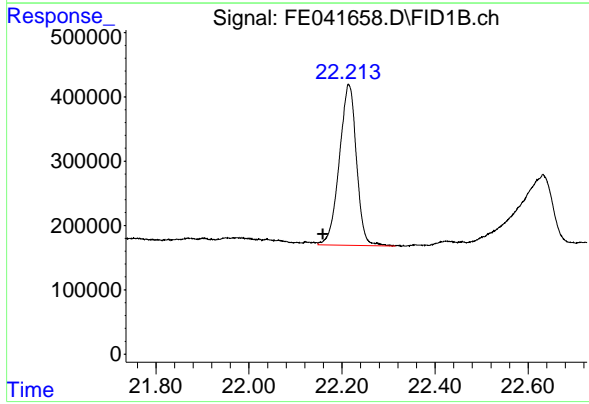
R.T.: 20.507 min  
Delta R.T.: 0.030 min  
Response: 5874496  
Conc: 43.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min  
 Delta R.T.: 0.042 min  
 Response: 5903692  
 Conc: 44.68 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 5MSD



#22 n-Tetracontane (C40)

R.T.: 22.214 min  
 Delta R.T.: 0.055 min  
 Response: 6384970  
 Conc: 50.43 ug/ml