

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120723AL\  
 Data File : FE045715.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Dec 2023 18:15  
 Operator : YP\AJ  
 Sample : 05659-01MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SU-04-120623MSD

Integration File: autoint1.e  
 Quant Time: Dec 07 23:28:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 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)	11.860	6038060	28.874 ug/ml
Spiked Amount	50.000	Recovery	= 57.75%
12) S 1-chlorooctadecane (S...	13.304	4578669	29.099 ug/ml
Spiked Amount	50.000	Recovery	= 58.20%
Target Compounds			
1) T n-Nonane (C9)	3.246	4177471	26.344 ug/ml
2) T n-Decane (C10)	4.498	4760587	29.729 ug/ml
3) T A~Naphthalene (C11.7)	6.198	5632281	32.333 ug/ml
4) T n-Dodecane (C12)	6.664	5315434	32.907 ug/ml
5) T A~2-methylnaphthalene...	7.294	5790202	34.096 ug/ml
6) T n-Tetradecane (C14)	8.492	5853439	36.487 ug/ml
7) T n-Hexadecane (C16)	10.102	6221828	37.573 ug/ml
8) T n-Octadecane (C18)	11.548	6389559	37.268 ug/ml
10) T n-Eicosane (C20)	12.860	6392633	36.947 ug/ml
11) T n-Heneicosane (C21)	13.472	6016043	34.971 ug/ml
13) T n-Docosane (C22)	14.060	6002659	34.814 ug/ml
14) T n-Tetracosane (C24)	15.148	11270977	64.561 ug/mlm
15) T n-Hexacosane (C26)	16.190	5645813	32.419 ug/mlm
16) T n-Octacosane (C28)	17.141	5617632	32.503 ug/ml
17) T n-Tricontane (C30)	18.035	5844158	33.405 ug/ml
18) T n-Dotriacontane (C32)	18.868	5655283	30.999 ug/ml
19) T n-Tetratriacontane (C34)	19.656	5421093	32.671 ug/ml
20) T n-Hexatriacontane (C36)	20.398	5176349	32.610 ug/mlm
21) T n-Octatriacontane (C38)	21.138	5805479	37.020 ug/ml
22) T n-Tetracontane (C40)	22.052	6007770	42.274 ug/mlm

(f)=RT Delta > 1/2 Window

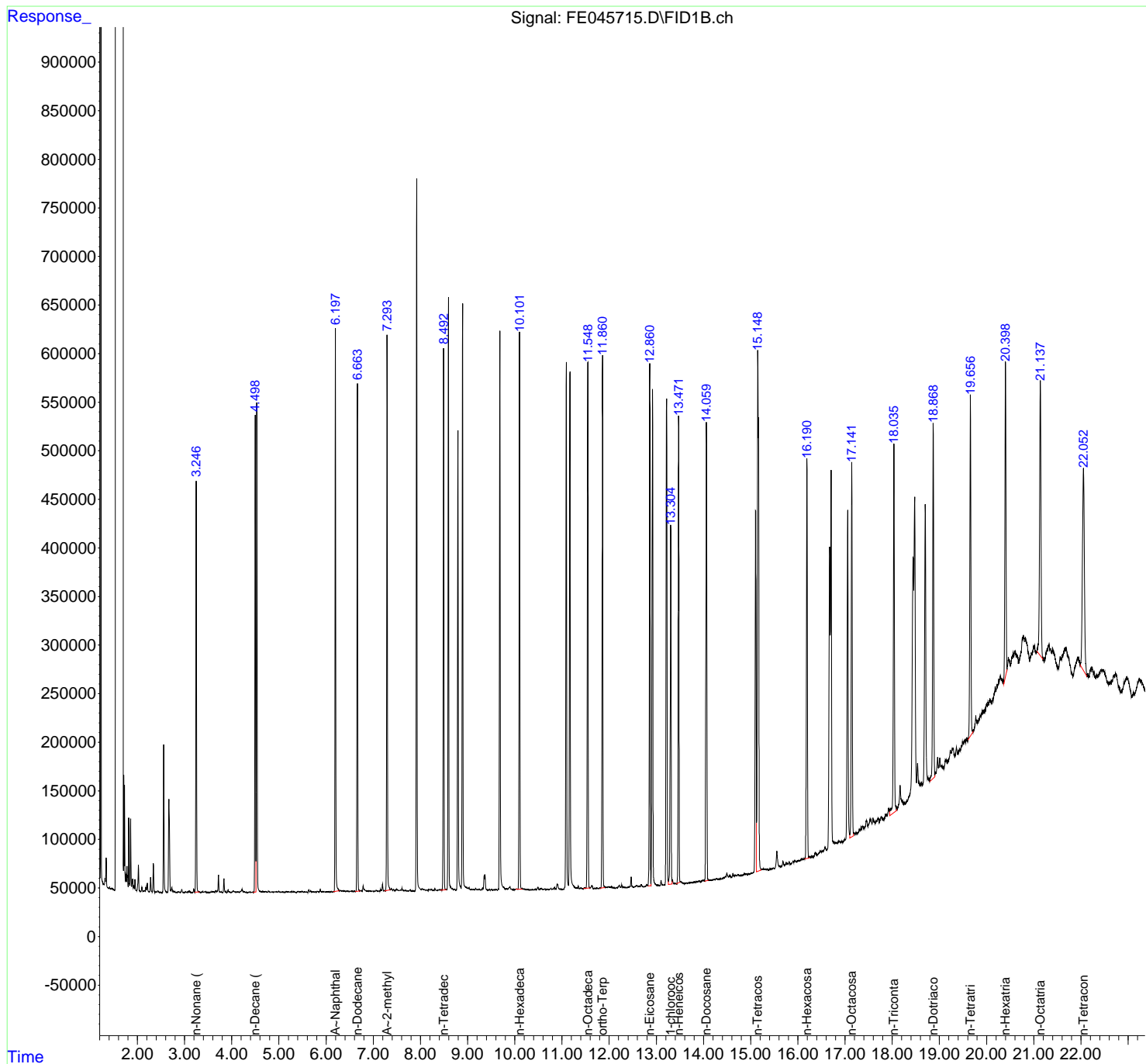
(m)=manual int.

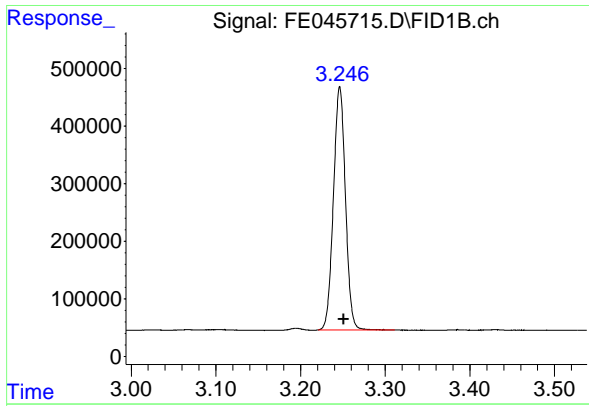
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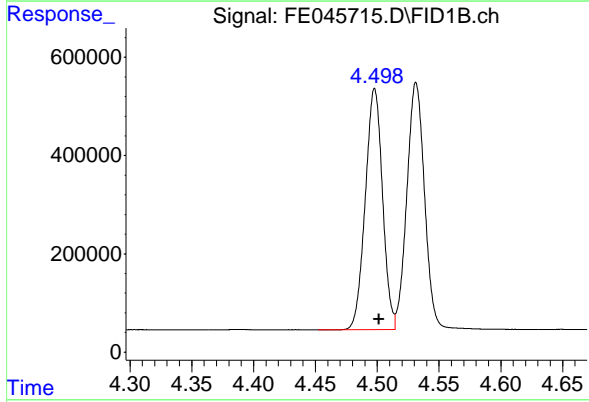




#1 n-Nonane (C9)

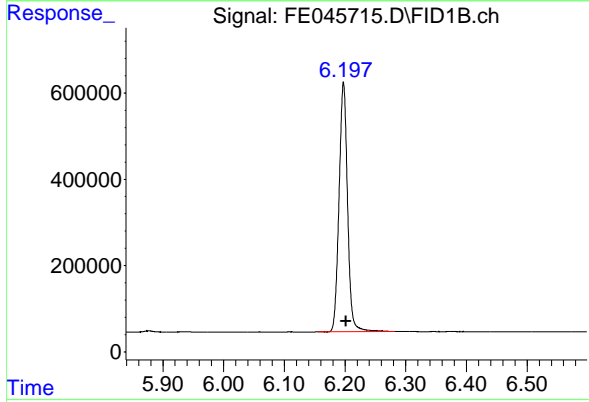
R.T.: 3.246 min  
Delta R.T.: -0.005 min  
Response: 4177471  
Conc: 26.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SU-04-120623MSD



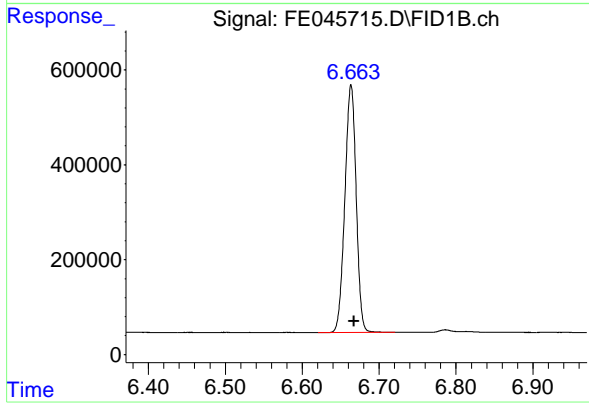
#2 n-Decane (C10)

R.T.: 4.498 min  
Delta R.T.: -0.003 min  
Response: 4760587  
Conc: 29.73 ug/ml



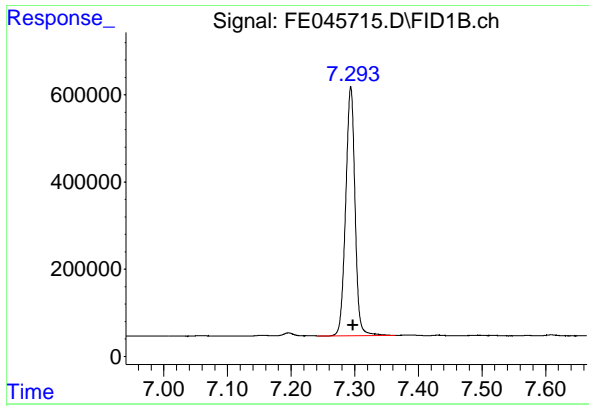
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min  
Delta R.T.: -0.004 min  
Response: 5632281  
Conc: 32.33 ug/ml



#4 n-Dodecane (C12)

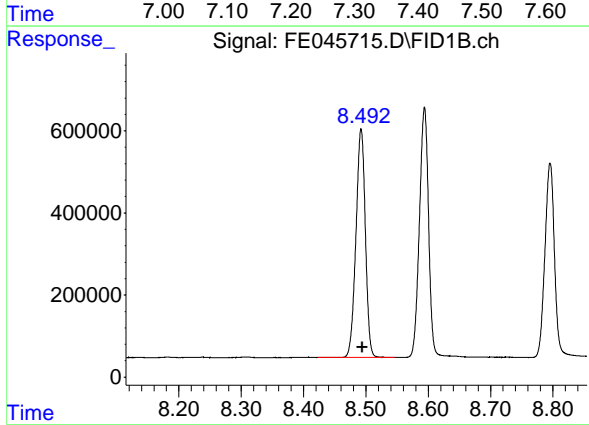
R.T.: 6.664 min  
Delta R.T.: -0.004 min  
Response: 5315434  
Conc: 32.91 ug/ml



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

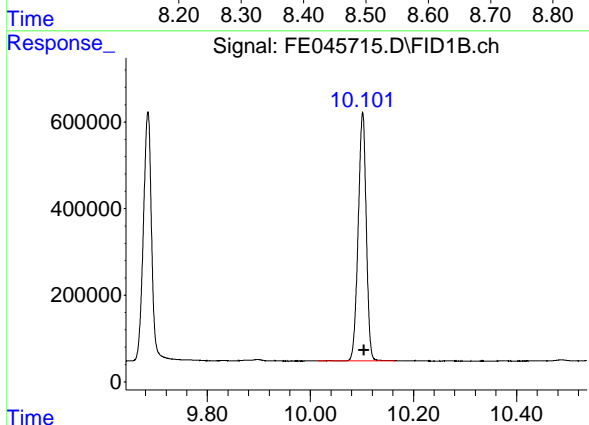
R.T.: 7.294 min  
Delta R.T.: -0.004 min  
Response: 5790202  
Conc: 34.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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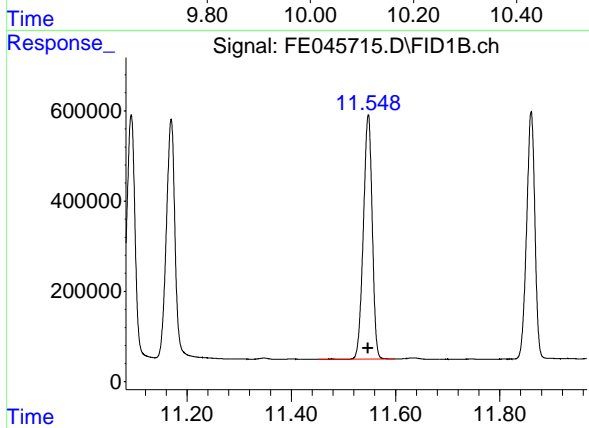
#6 n-Tetradecane (C14)

R.T.: 8.492 min  
Delta R.T.: -0.002 min  
Response: 5853439  
Conc: 36.49 ug/ml



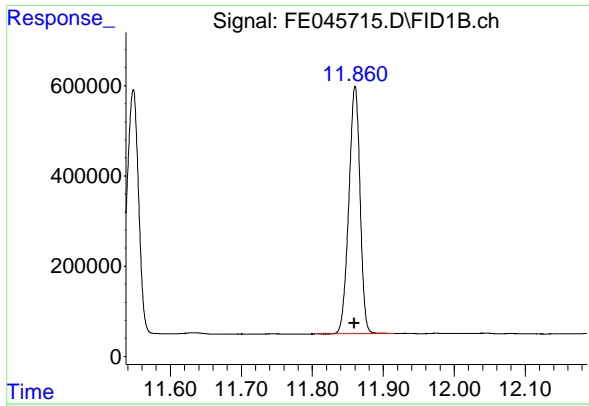
#7 n-Hexadecane (C16)

R.T.: 10.102 min  
Delta R.T.: -0.002 min  
Response: 6221828  
Conc: 37.57 ug/ml



#8 n-Octadecane (C18)

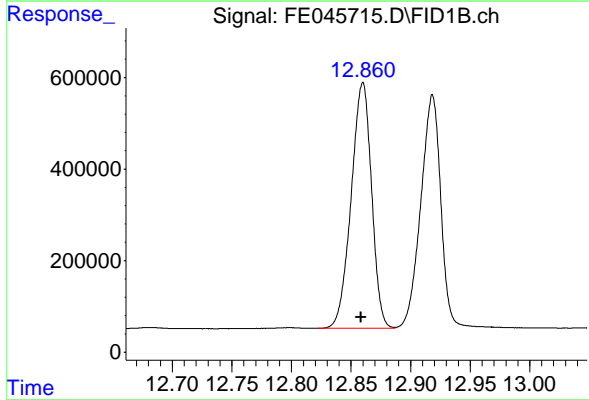
R.T.: 11.548 min  
Delta R.T.: 0.000 min  
Response: 6389559  
Conc: 37.27 ug/ml



#9 ortho-Terphenyl (SURR)

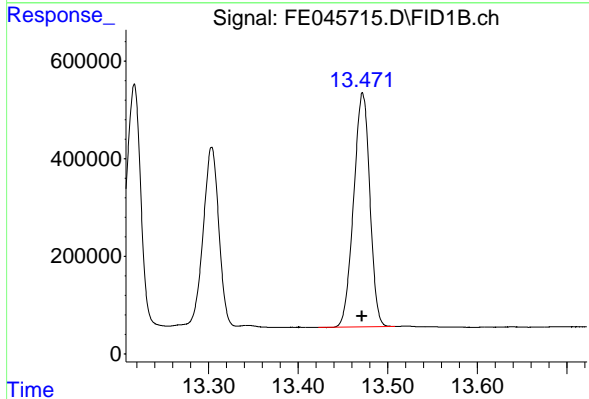
R.T.: 11.860 min  
 Delta R.T.: 0.001 min  
 Response: 6038060  
 Conc: 28.87 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 SU-04-120623MSD



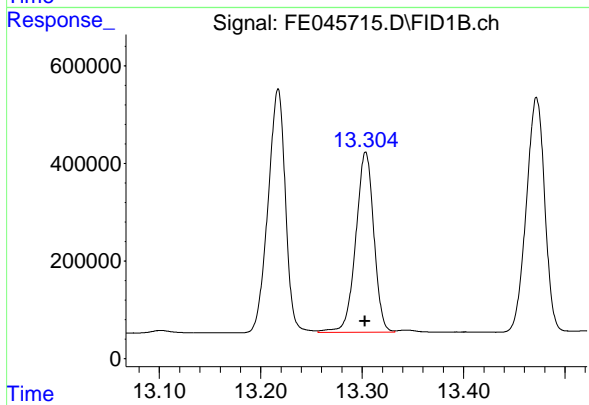
#10 n-Eicosane (C20)

R.T.: 12.860 min  
 Delta R.T.: 0.002 min  
 Response: 6392633  
 Conc: 36.95 ug/ml



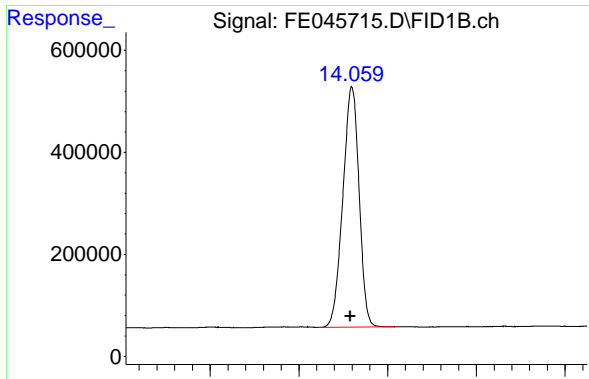
#11 n-Heneicosane (C21)

R.T.: 13.472 min  
 Delta R.T.: 0.000 min  
 Response: 6016043  
 Conc: 34.97 ug/ml



#12 1-chlorooctadecane (SURR)

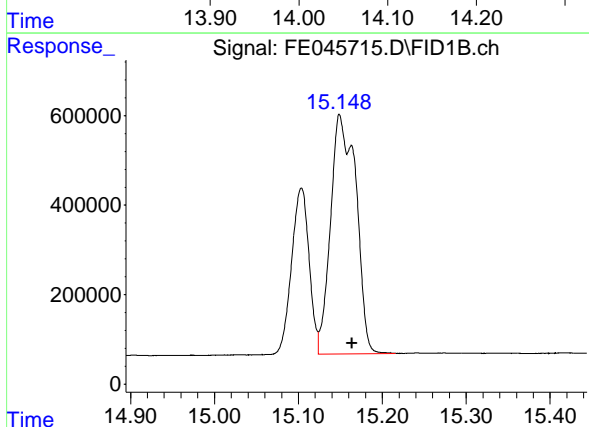
R.T.: 13.304 min  
 Delta R.T.: 0.000 min  
 Response: 4578669  
 Conc: 29.10 ug/ml



#13 n-Docosane (C22)

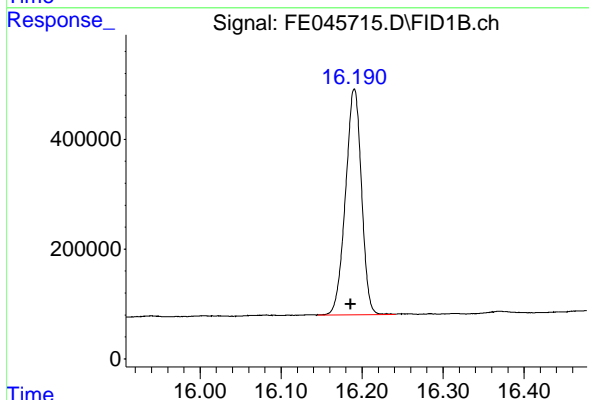
R.T.: 14.060 min  
Delta R.T.: 0.002 min  
Response: 6002659  
Conc: 34.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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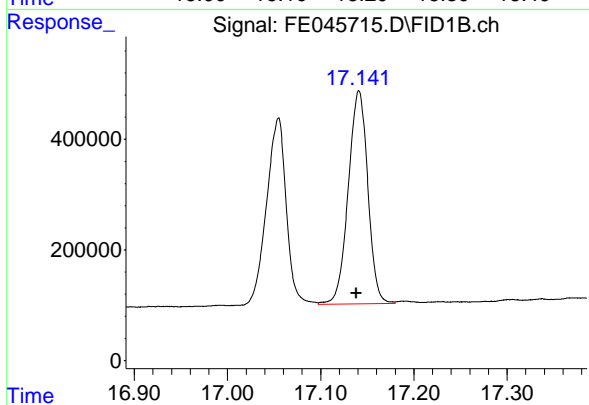
#14 n-Tetracosane (C24)

R.T.: 15.148 min  
Delta R.T.: -0.016 min  
Response: 11270977  
Conc: 64.56 ug/ml m



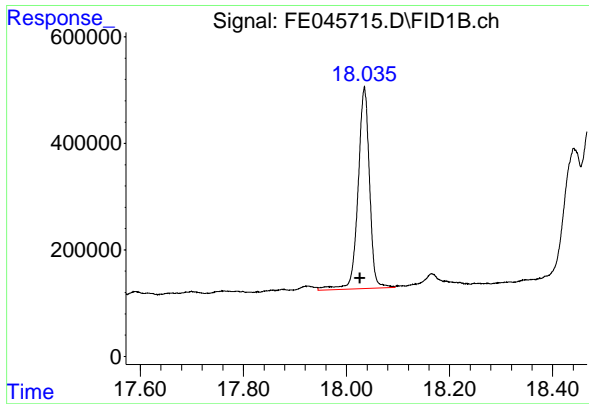
#15 n-Hexacosane (C26)

R.T.: 16.190 min  
Delta R.T.: 0.004 min  
Response: 5645813  
Conc: 32.42 ug/ml m



#16 n-Octacosane (C28)

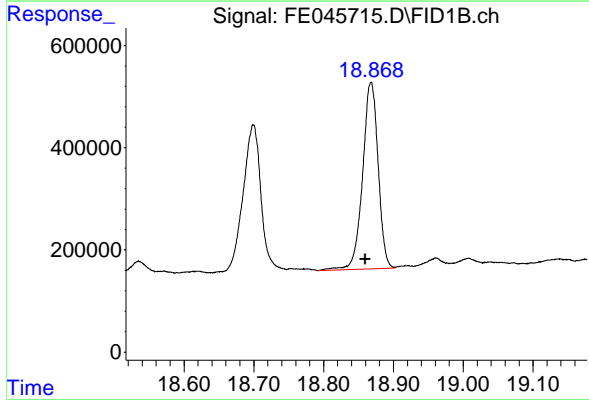
R.T.: 17.141 min  
Delta R.T.: 0.003 min  
Response: 5617632  
Conc: 32.50 ug/ml



#17 n-Tricontane (C30)

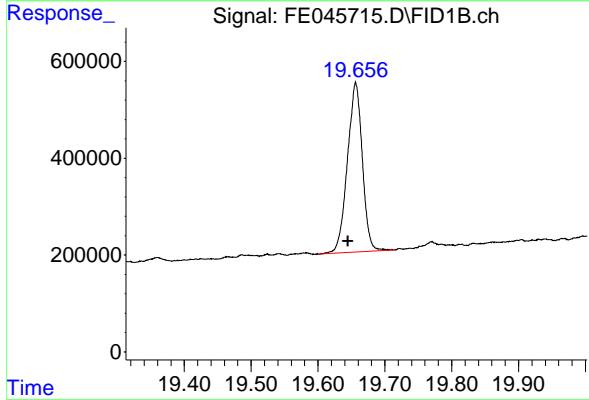
R.T.: 18.035 min  
Delta R.T.: 0.009 min  
Response: 5844158  
Conc: 33.41 ug/ml

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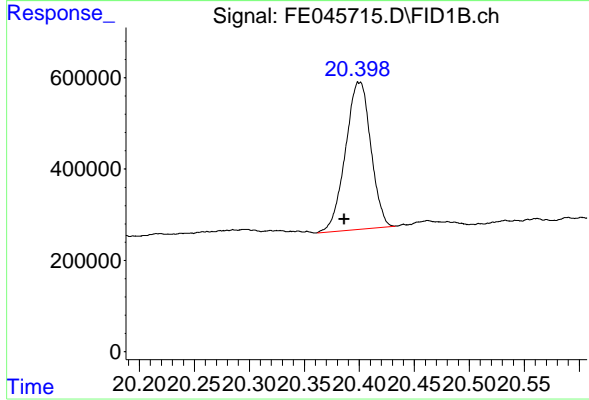
#18 n-Dotriacontane (C32)

R.T.: 18.868 min  
Delta R.T.: 0.008 min  
Response: 5655283  
Conc: 31.00 ug/ml



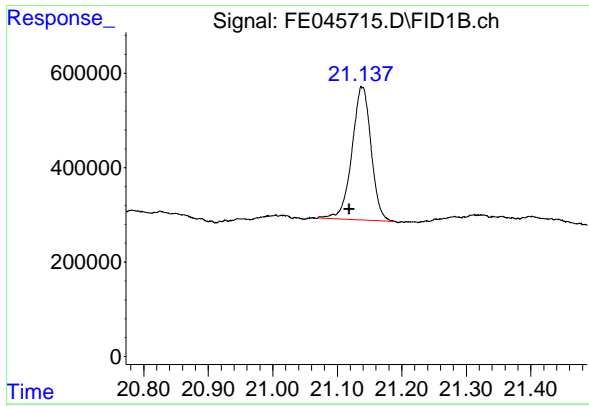
#19 n-Tetraatriacontane (C34)

R.T.: 19.656 min  
Delta R.T.: 0.012 min  
Response: 5421093  
Conc: 32.67 ug/ml



#20 n-Hexatriacontane (C36)

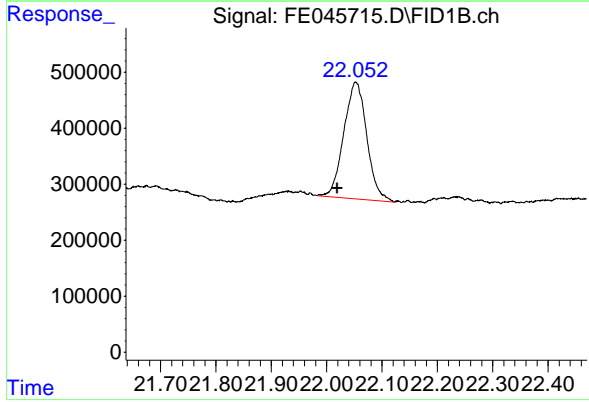
R.T.: 20.398 min  
Delta R.T.: 0.012 min  
Response: 5176349  
Conc: 32.61 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.138 min  
Delta R.T.: 0.019 min  
Response: 5805479  
Conc: 37.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 22.052 min  
Delta R.T.: 0.033 min  
Response: 6007770  
Conc: 42.27 ug/ml m