

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052225AL\  
 Data File : FE053979.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 May 2025 17:10  
 Operator : YP\AJ  
 Sample : Q2101-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TP-1-MHEMSD

Integration File: autoint1.e  
 Quant Time: May 23 01:30:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 14 12:15:41 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)	11.845	7676728	47.238 ug/ml
Spiked Amount	50.000	Recovery	= 94.48%
12) S 1-chlorooctadecane (S...	13.289	6243166	52.663 ug/ml
Spiked Amount	50.000	Recovery	= 105.33%
Target Compounds			
1) T n-Nonane (C9)	3.189	2939945	21.753 ug/ml
2) T n-Decane (C10)	4.454	3348425	24.779 ug/ml
3) T A~Naphthalene (C11.7)	6.166	4293157	29.873 ug/ml
4) T n-Dodecane (C12)	6.635	3913361	28.689 ug/ml
5) T A~2-methylnaphthalene...	7.268	4217154	30.403 ug/ml
6) T n-Tetradecane (C14)	8.471	4336829	32.137 ug/ml
7) T n-Hexadecane (C16)	10.082	4774748	35.386 ug/ml
8) T n-Octadecane (C18)	11.530	4905585	36.429 ug/ml
10) T n-Eicosane (C20)	12.844	5118666	38.946 ug/ml
11) T n-Heneicosane (C21)	13.457	4889141	37.712 ug/ml
13) T n-Docosane (C22)	14.044	4826377	37.831 ug/ml
14) T n-Tetracosane (C24)	15.142	5115868	40.889 ug/ml
15) T n-Hexacosane (C26)	16.174	4697063	38.359 ug/ml
17) T n-Tricontane (C30)	18.015	4634846	37.208 ug/ml
18) T n-Dotriacontane (C32)	18.847	4552619	36.405 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4520783	37.951 ug/ml
20) T n-Hexatriacontane (C36)	20.374	4667210	40.308 ug/ml
21) T n-Octatriacontane (C38)	21.105	4736038	43.520 ug/ml
22) T n-Tetracontane (C40)	22.000	4536133	45.713 ug/ml

(f)=RT Delta > 1/2 Window

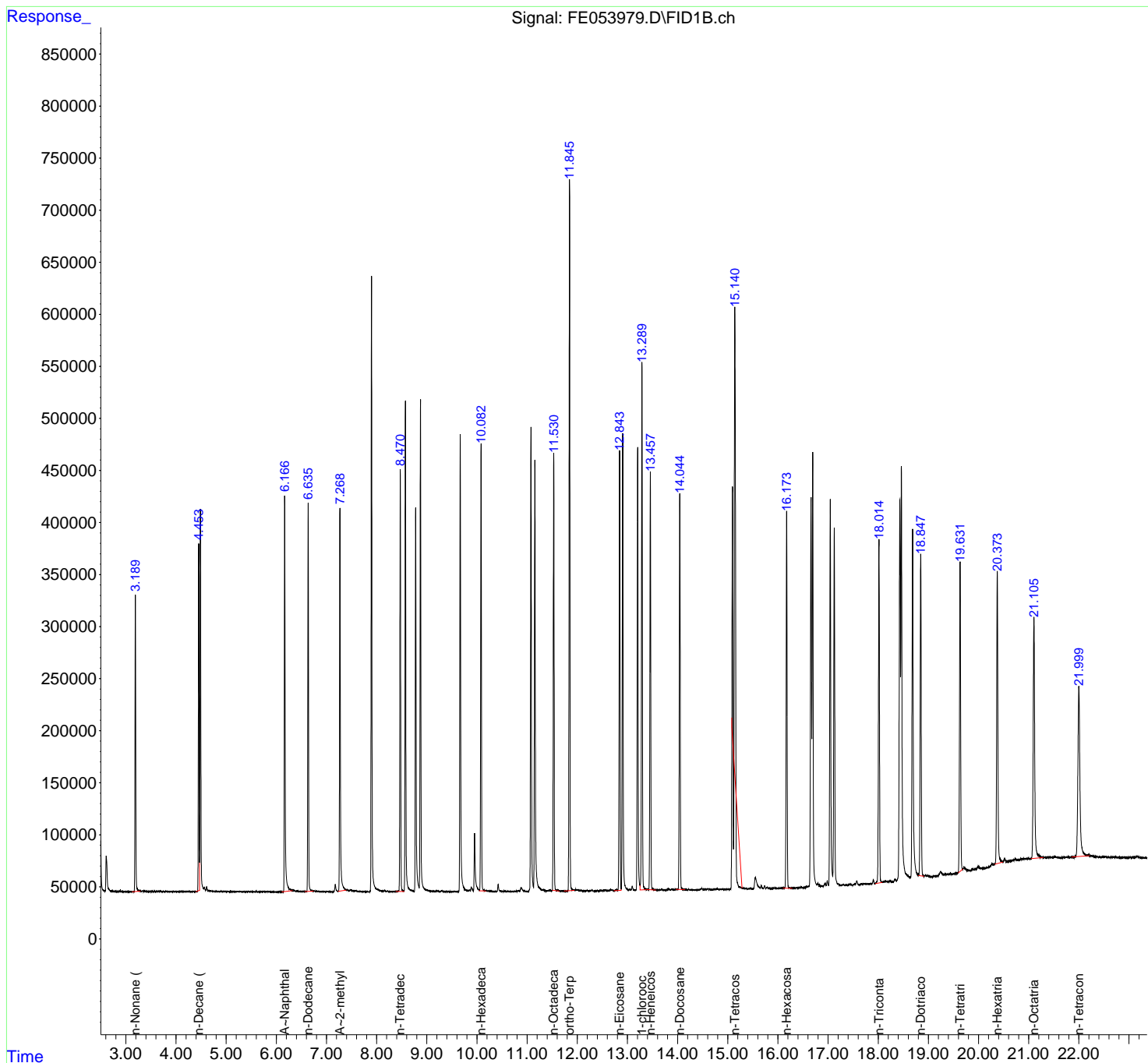
(m)=manual int.

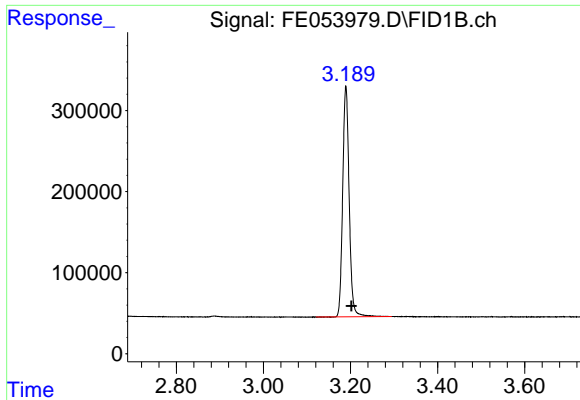
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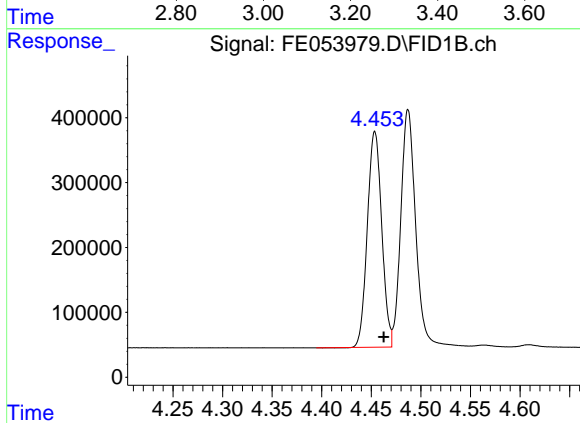




#1 n-Nonane (C9)

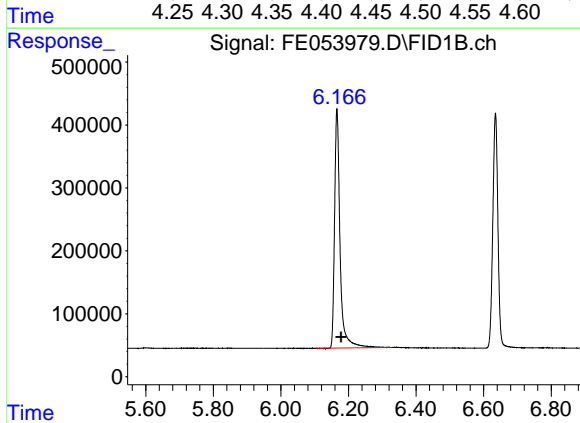
R.T.: 3.189 min  
Delta R.T.: -0.013 min  
Response: 2939945  
Conc: 21.75 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-1-MHEMSD



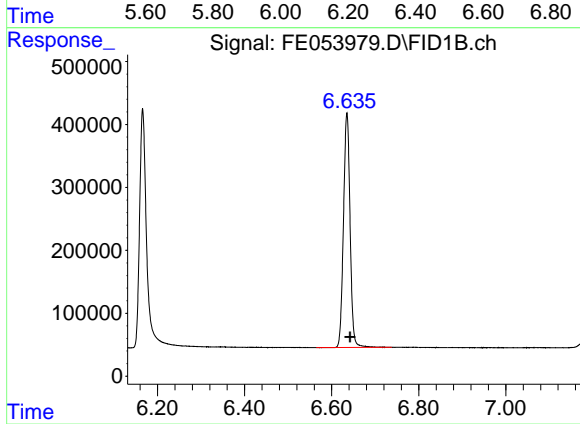
#2 n-Decane (C10)

R.T.: 4.454 min  
Delta R.T.: -0.009 min  
Response: 3348425  
Conc: 24.78 ug/ml



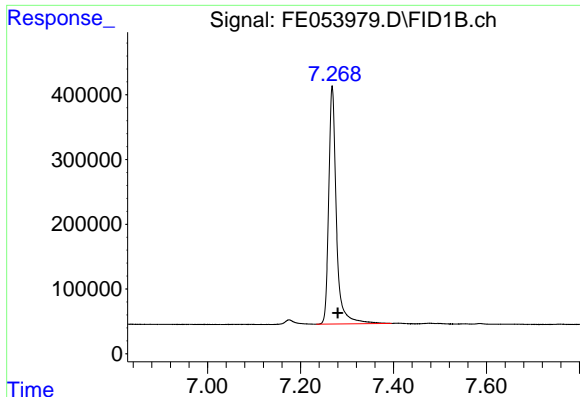
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min  
Delta R.T.: -0.012 min  
Response: 4293157  
Conc: 29.87 ug/ml



#4 n-Dodecane (C12)

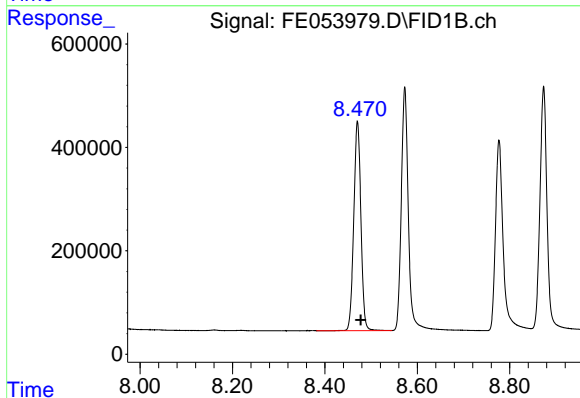
R.T.: 6.635 min  
Delta R.T.: -0.007 min  
Response: 3913361  
Conc: 28.69 ug/ml



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

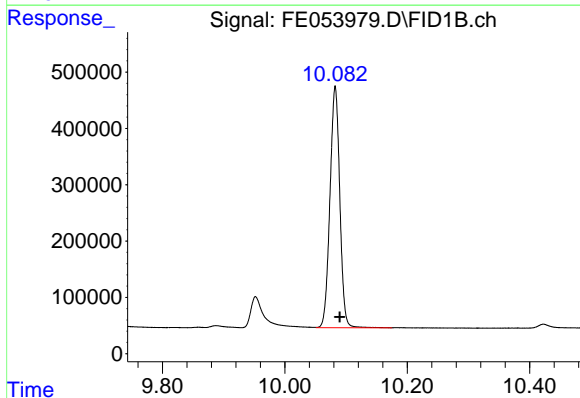
R.T.: 7.268 min  
 Delta R.T.: -0.012 min  
 Response: 4217154  
 Conc: 30.40 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 TP-1-MHEMSD



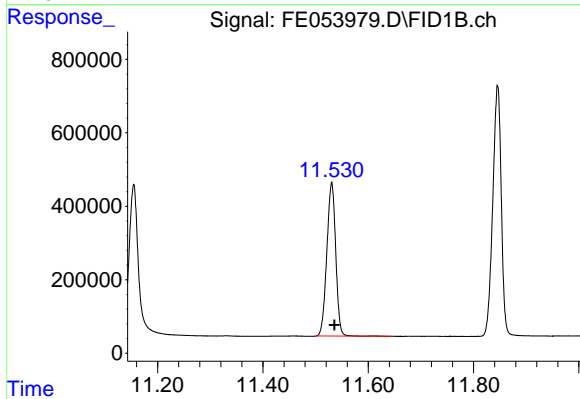
#6 n-Tetradecane (C14)

R.T.: 8.471 min  
 Delta R.T.: -0.007 min  
 Response: 4336829  
 Conc: 32.14 ug/ml



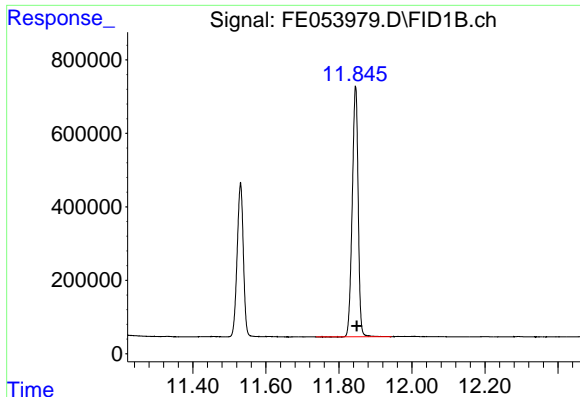
#7 n-Hexadecane (C16)

R.T.: 10.082 min  
 Delta R.T.: -0.008 min  
 Response: 4774748  
 Conc: 35.39 ug/ml



#8 n-Octadecane (C18)

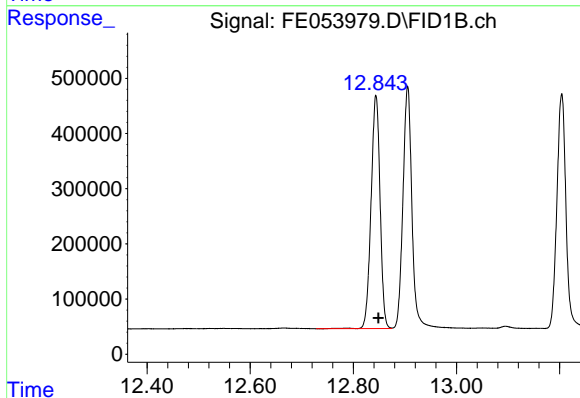
R.T.: 11.530 min  
 Delta R.T.: -0.006 min  
 Response: 4905585  
 Conc: 36.43 ug/ml



#9 ortho-Terphenyl (SURR)

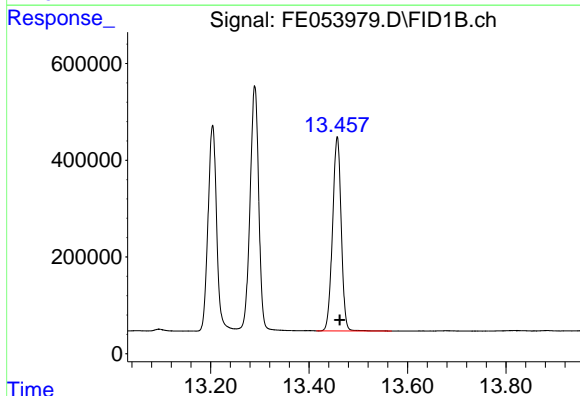
R.T.: 11.845 min  
 Delta R.T.: -0.004 min  
 Response: 7676728  
 Conc: 47.24 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 TP-1-MHEMSD



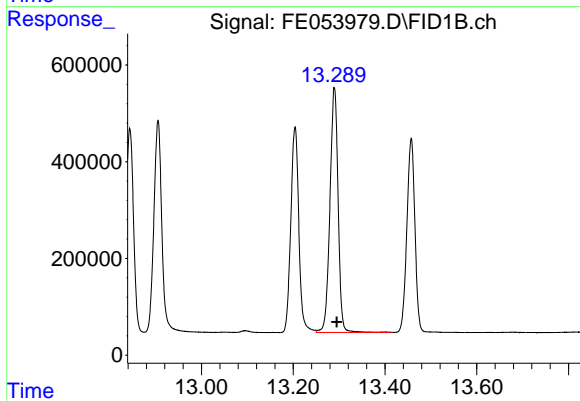
#10 n-Eicosane (C20)

R.T.: 12.844 min  
 Delta R.T.: -0.005 min  
 Response: 5118666  
 Conc: 38.95 ug/ml



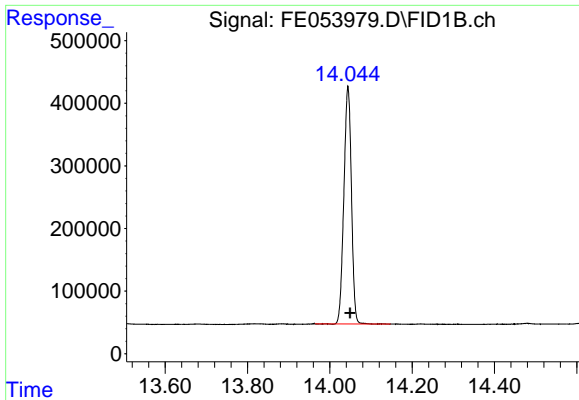
#11 n-Heneicosane (C21)

R.T.: 13.457 min  
 Delta R.T.: -0.005 min  
 Response: 4889141  
 Conc: 37.71 ug/ml



#12 1-chlorooctadecane (SURR)

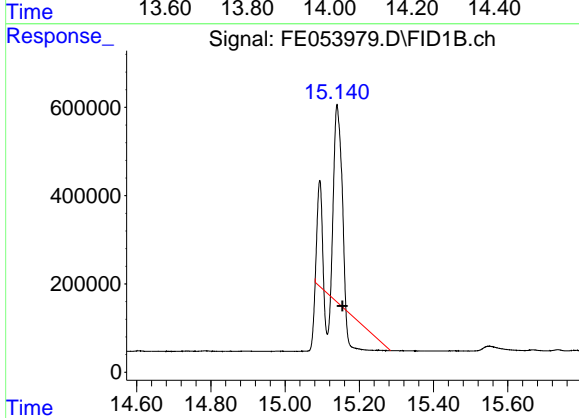
R.T.: 13.289 min  
 Delta R.T.: -0.005 min  
 Response: 6243166  
 Conc: 52.66 ug/ml



#13 n-Docosane (C22)

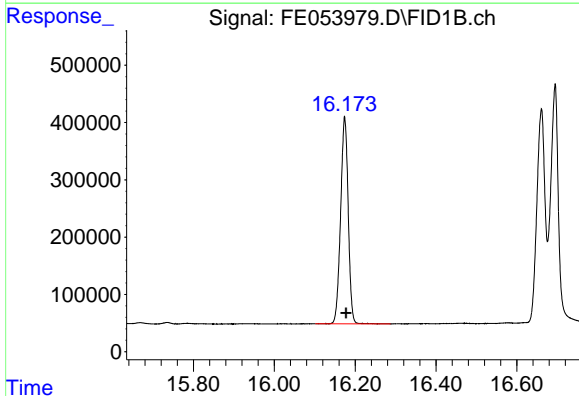
R.T.: 14.044 min  
 Delta R.T.: -0.006 min  
 Response: 4826377  
 Conc: 37.83 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 TP-1-MHEMSD



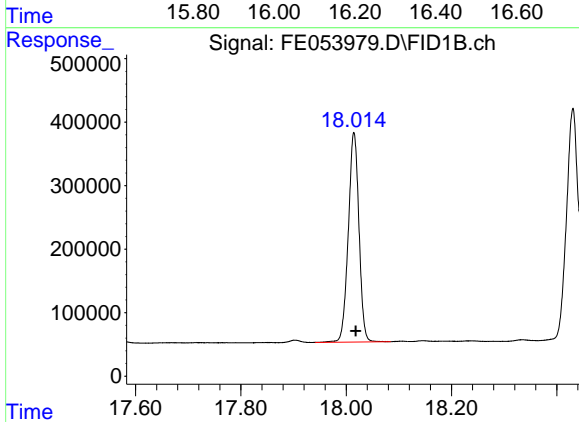
#14 n-Tetracosane (C24)

R.T.: 15.142 min  
 Delta R.T.: -0.013 min  
 Response: 5115868  
 Conc: 40.89 ug/ml



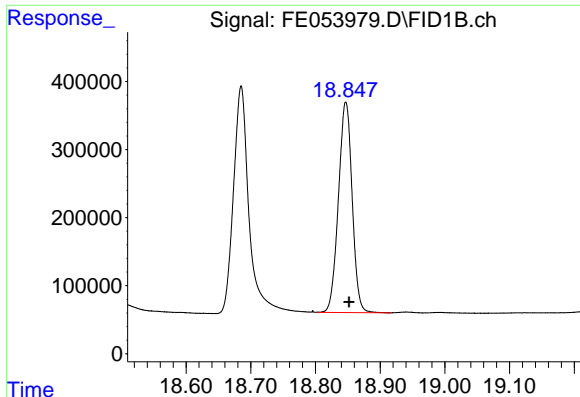
#15 n-Hexacosane (C26)

R.T.: 16.174 min  
 Delta R.T.: -0.004 min  
 Response: 4697063  
 Conc: 38.36 ug/ml



#17 n-Tricontane (C30)

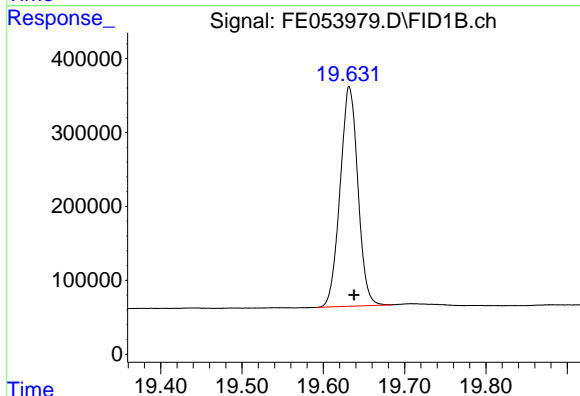
R.T.: 18.015 min  
 Delta R.T.: -0.003 min  
 Response: 4634846  
 Conc: 37.21 ug/ml



#18 n-Dotriacontane (C32)

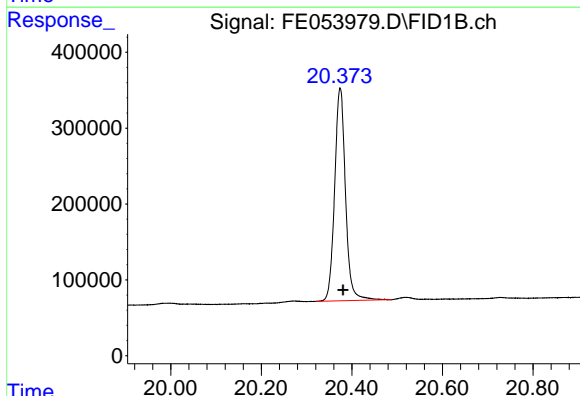
R.T.: 18.847 min  
Delta R.T.: -0.005 min  
Response: 4552619  
Conc: 36.40 ug/ml

Instrument :  
FID\_E  
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TP-1-MHEMSD



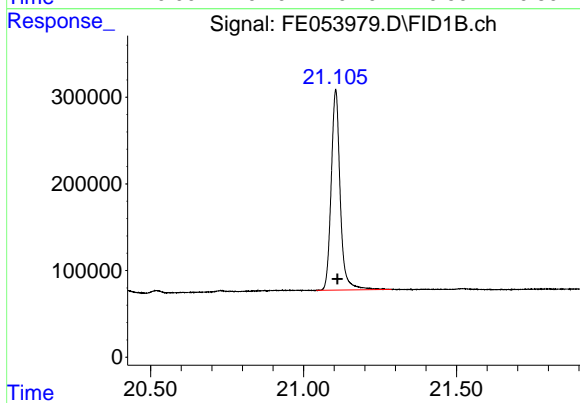
#19 n-Tetraatriacontane (C34)

R.T.: 19.632 min  
Delta R.T.: -0.006 min  
Response: 4520783  
Conc: 37.95 ug/ml



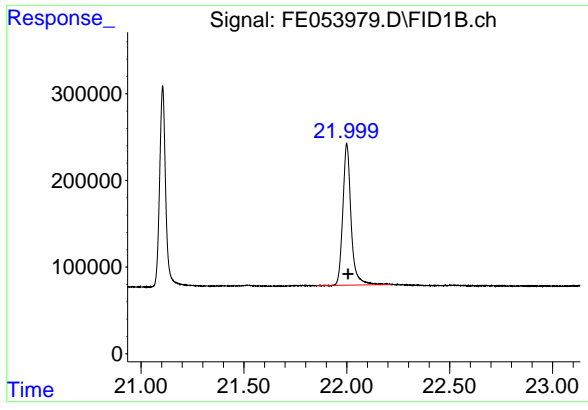
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min  
Delta R.T.: -0.006 min  
Response: 4667210  
Conc: 40.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min  
Delta R.T.: -0.006 min  
Response: 4736038  
Conc: 43.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min  
Delta R.T.: -0.007 min  
Response: 4536133  
Conc: 45.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-1-MHEMSD