

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081424AL\  
 Data File : FE049587.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Aug 2024 09:05  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 14 10:23:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 10:20:05 2024  
 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)	11.892	7703624	47.989 ug/ml
Spiked Amount	50.000	Recovery	= 95.98%
12) S 1-chlorooctadecane (S...	13.325	5889984	48.092 ug/ml
Spiked Amount	50.000	Recovery	= 96.18%
Target Compounds			
1) T n-Nonane (C9)	3.279	7322124	47.916 ug/ml
2) T n-Decane (C10)	4.530	7472009	47.639 ug/ml
3) T A~Naphthalene (C11.7)	6.236	7808566	48.004 ug/ml
4) T n-Dodecane (C12)	6.698	7470273	47.652 ug/ml
5) T A~2-methylnaphthalene...	7.332	7348022	47.928 ug/ml
6) T n-Tetradecane (C14)	8.524	7326468	47.693 ug/ml
7) T n-Hexadecane (C16)	10.131	7452112	47.858 ug/ml
8) T n-Octadecane (C18)	11.574	7460923	47.782 ug/ml
10) T n-Eicosane (C20)	12.881	7116819	48.041 ug/ml
11) T n-Heneicosane (C21)	13.492	7004367	48.018 ug/ml
13) T n-Docosane (C22)	14.078	6943357	48.025 ug/ml
14) T n-Tetracosane (C24)	15.179	6919570	48.043 ug/ml
15) T n-Hexacosane (C26)	16.199	6864871	48.022 ug/ml
16) T n-Octacosane (C28)	17.147	6810884	47.819 ug/ml
17) T n-Tricontane (C30)	18.033	6978424	47.267 ug/ml
18) T n-Dotriacontane (C32)	18.866	7018979	47.309 ug/ml
19) T n-Tetratriacontane (C34)	19.649	7137660	47.418 ug/ml
20) T n-Hexatriacontane (C36)	20.388	7187614	47.594 ug/ml
21) T n-Octatriacontane (C38)	21.117	7436187	47.785 ug/ml
22) T n-Tetracontane (C40)	22.013	7392720	48.174 ug/ml
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(f)=RT Delta > 1/2 Window

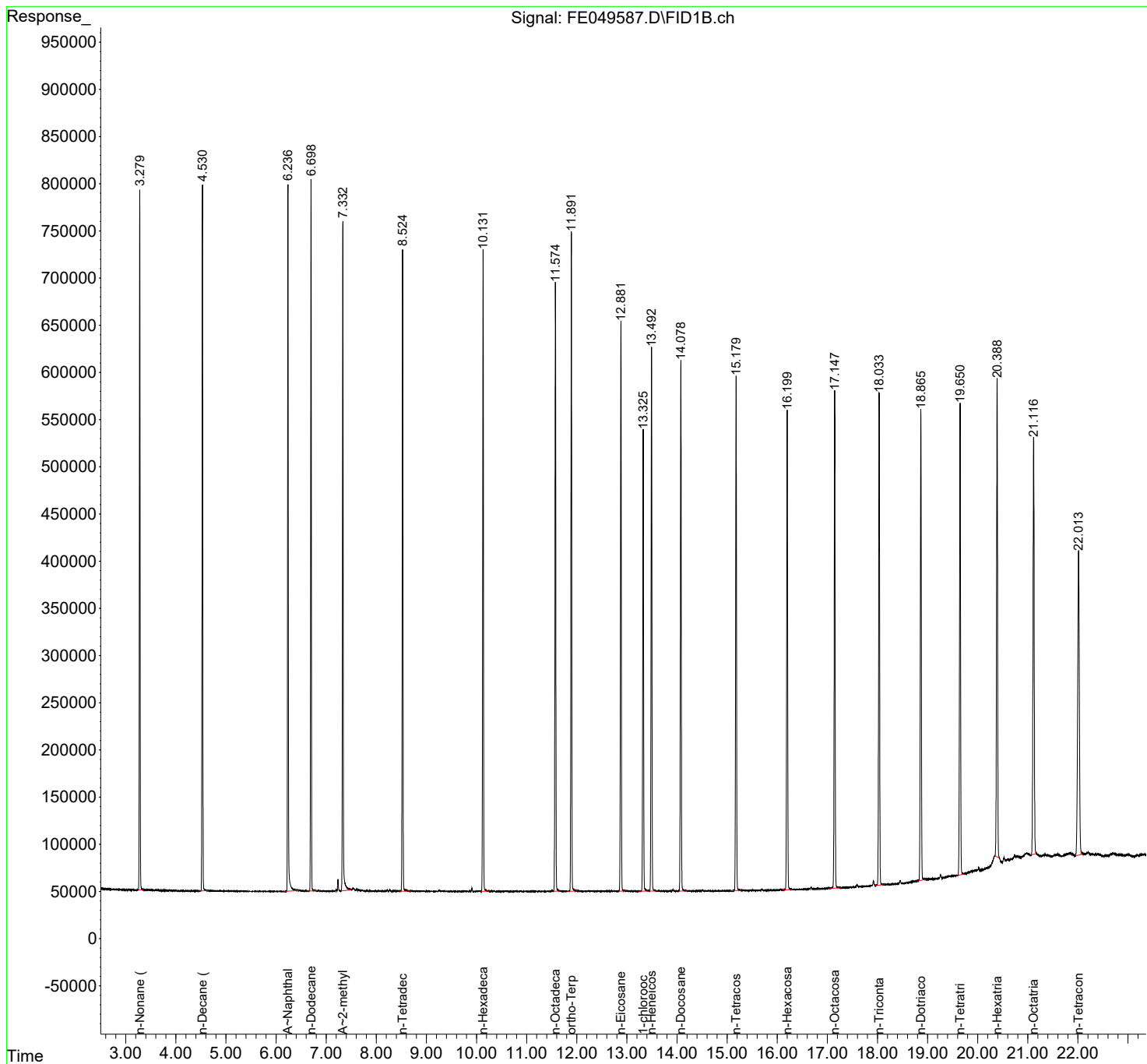
(m)=manual int.

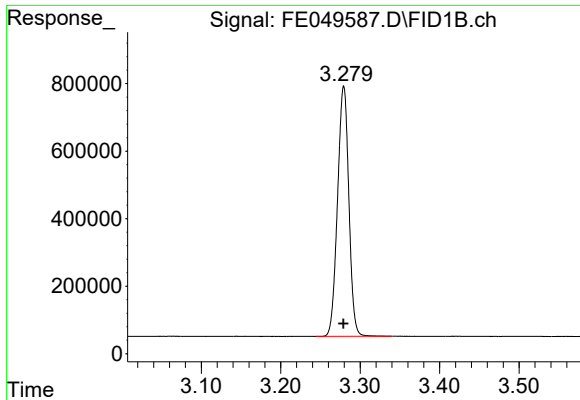
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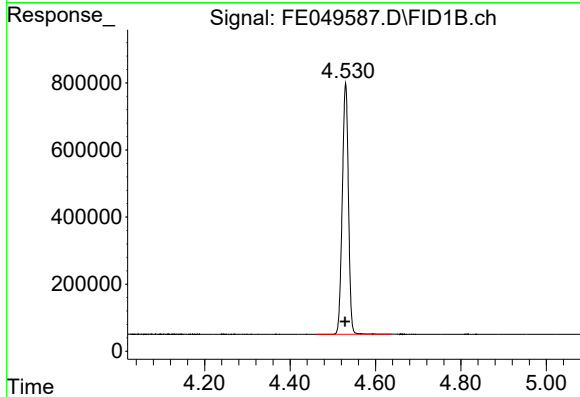




#1 n-Nonane (C9)

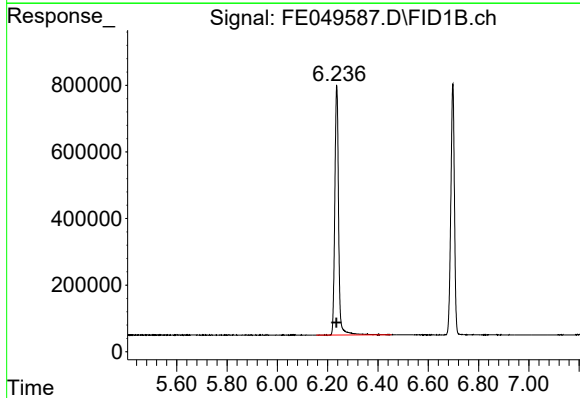
R.T.: 3.279 min  
 Delta R.T.: 0.000 min  
 Response: 7322124  
 Conc: 47.92 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



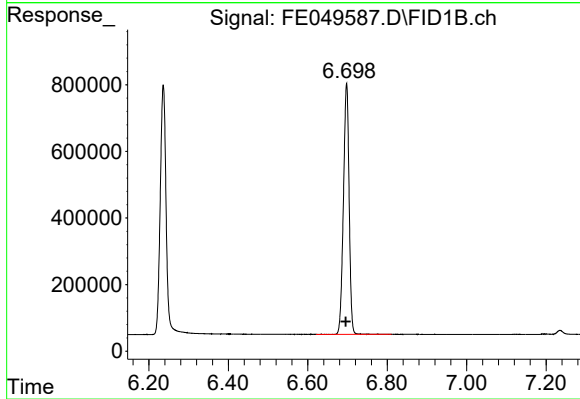
#2 n-Decane (C10)

R.T.: 4.530 min  
 Delta R.T.: 0.001 min  
 Response: 7472009  
 Conc: 47.64 ug/ml



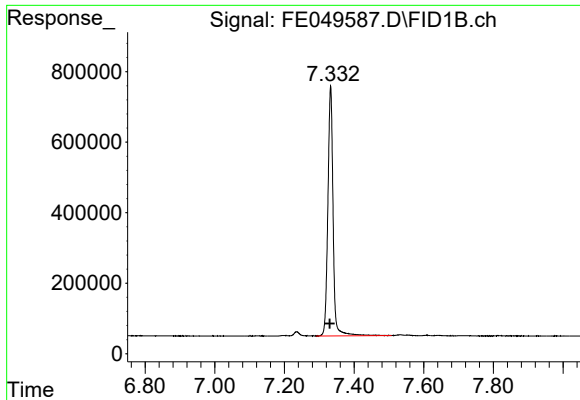
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min  
 Delta R.T.: 0.001 min  
 Response: 7808566  
 Conc: 48.00 ug/ml



#4 n-Dodecane (C12)

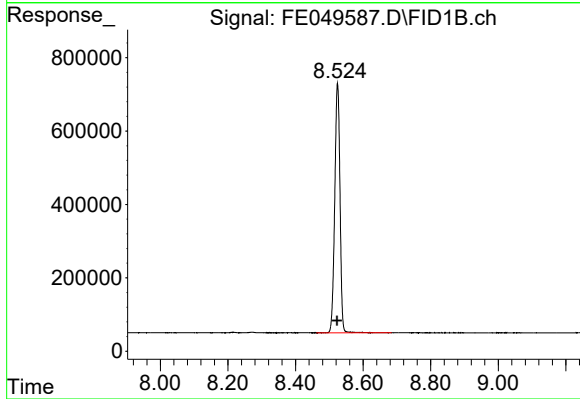
R.T.: 6.698 min  
 Delta R.T.: 0.002 min  
 Response: 7470273  
 Conc: 47.65 ug/ml



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

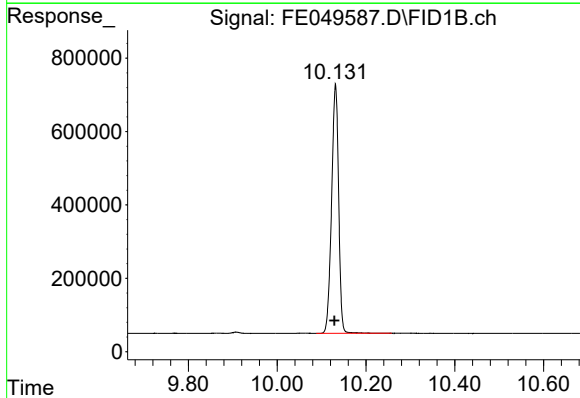
R.T.: 7.332 min  
Delta R.T.: 0.002 min  
Response: 7348022  
Conc: 47.93 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



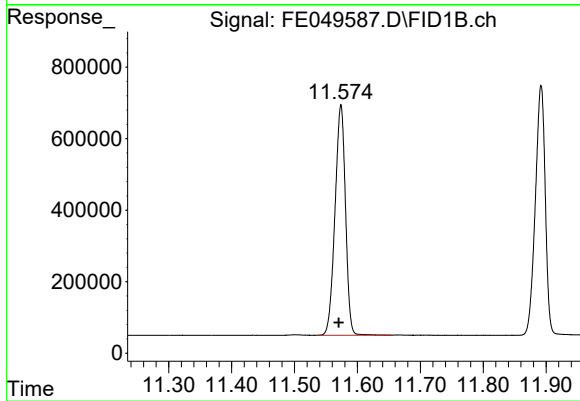
#6 n-Tetradecane (C14)

R.T.: 8.524 min  
Delta R.T.: 0.002 min  
Response: 7326468  
Conc: 47.69 ug/ml



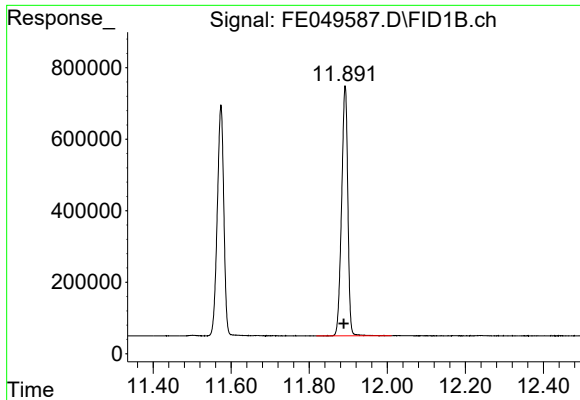
#7 n-Hexadecane (C16)

R.T.: 10.131 min  
Delta R.T.: 0.002 min  
Response: 7452112  
Conc: 47.86 ug/ml



#8 n-Octadecane (C18)

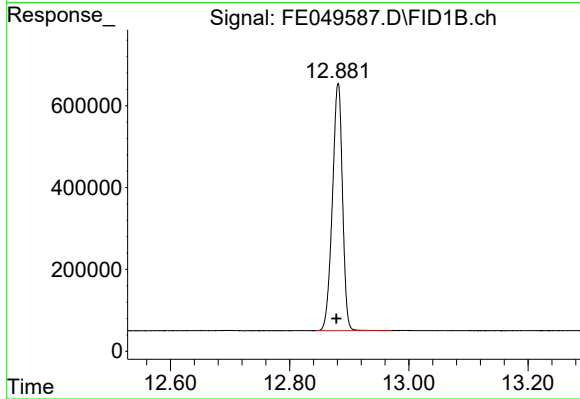
R.T.: 11.574 min  
Delta R.T.: 0.003 min  
Response: 7460923  
Conc: 47.78 ug/ml



#9 ortho-Terphenyl (SURR)

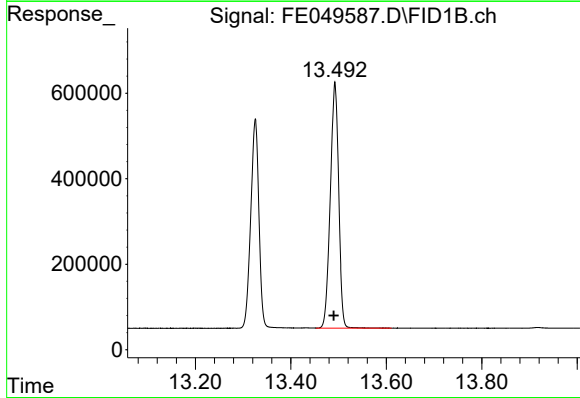
R.T.: 11.892 min  
 Delta R.T.: 0.003 min  
 Response: 7703624  
 Conc: 47.99 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



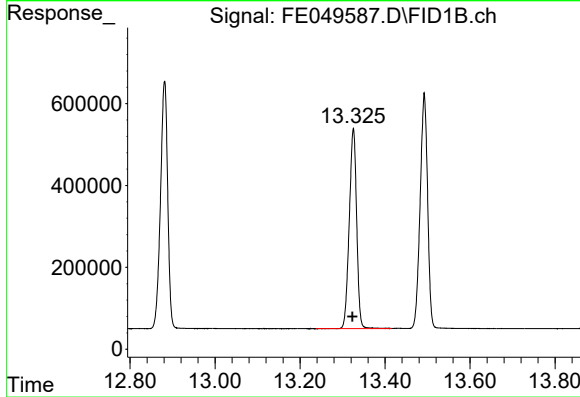
#10 n-Eicosane (C20)

R.T.: 12.881 min  
 Delta R.T.: 0.002 min  
 Response: 7116819  
 Conc: 48.04 ug/ml



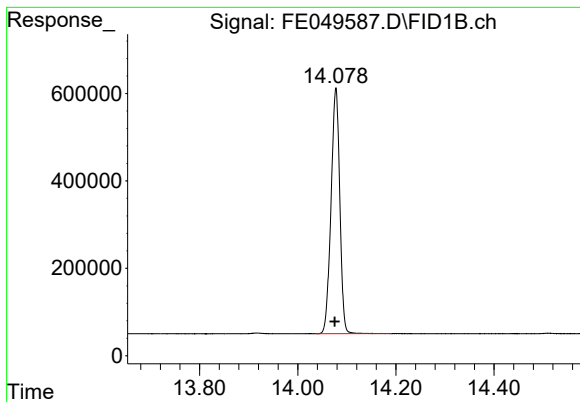
#11 n-Heneicosane (C21)

R.T.: 13.492 min  
 Delta R.T.: 0.002 min  
 Response: 7004367  
 Conc: 48.02 ug/ml



#12 1-chlorooctadecane (SURR)

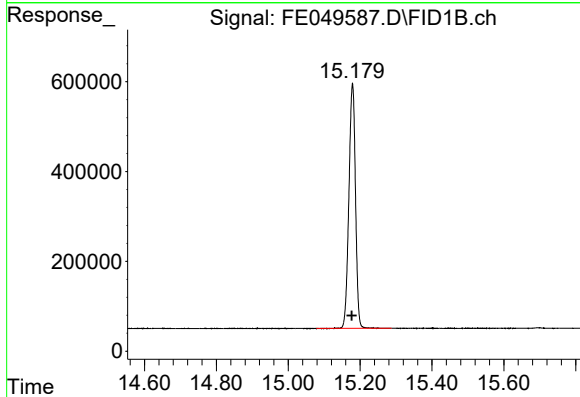
R.T.: 13.325 min  
 Delta R.T.: 0.002 min  
 Response: 5889984  
 Conc: 48.09 ug/ml



#13 n-Docosane (C22)

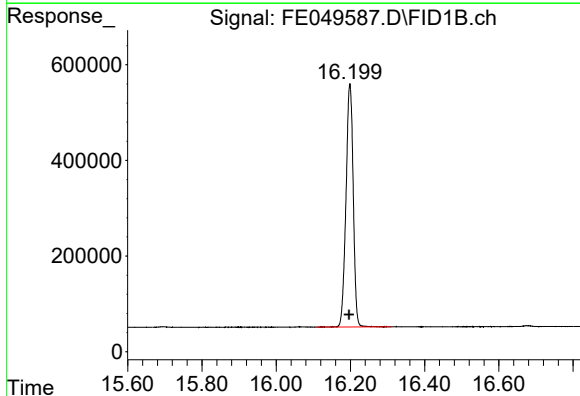
R.T.: 14.078 min  
 Delta R.T.: 0.002 min  
 Response: 6943357  
 Conc: 48.02 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



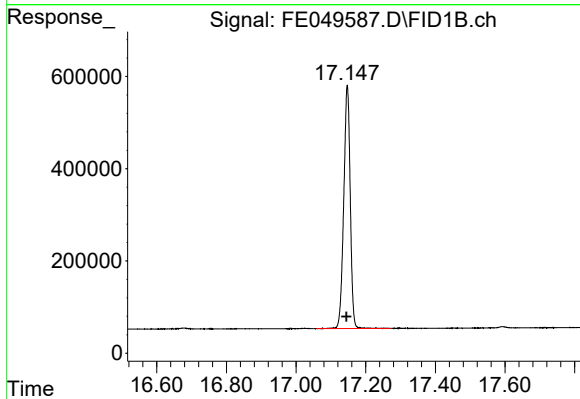
#14 n-Tetracosane (C24)

R.T.: 15.179 min  
 Delta R.T.: 0.002 min  
 Response: 6919570  
 Conc: 48.04 ug/ml



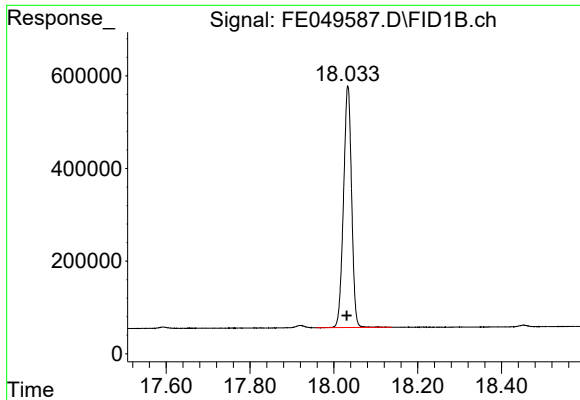
#15 n-Hexacosane (C26)

R.T.: 16.199 min  
 Delta R.T.: 0.002 min  
 Response: 6864871  
 Conc: 48.02 ug/ml



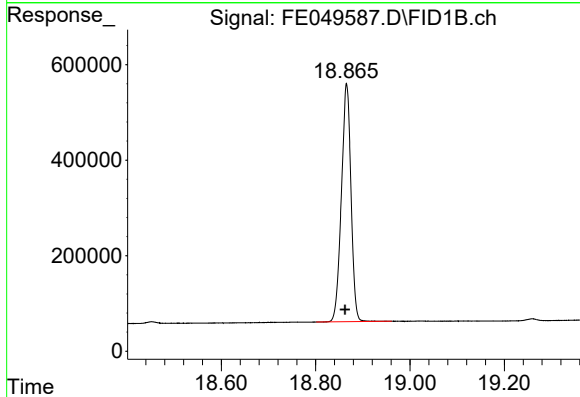
#16 n-Octacosane (C28)

R.T.: 17.147 min  
 Delta R.T.: 0.002 min  
 Response: 6810884  
 Conc: 47.82 ug/ml

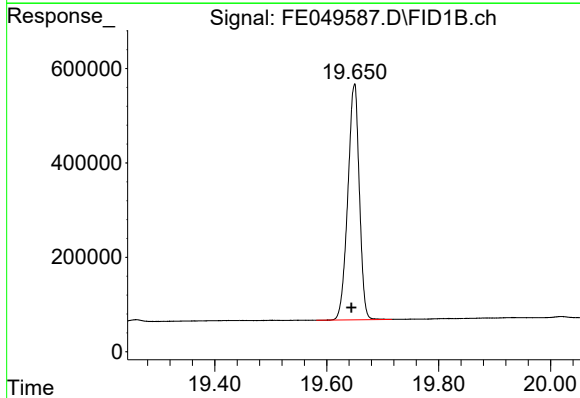


#17 n-Tricontane (C30)  
R.T.: 18.033 min  
Delta R.T.: 0.002 min  
Response: 6978424  
Conc: 47.27 ug/ml

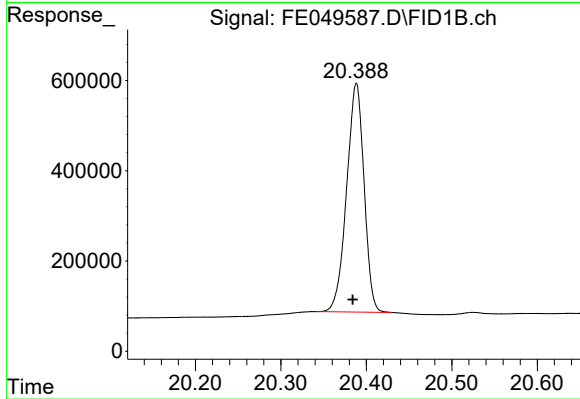
Instrument :  
FID\_E  
ClientSampleId :



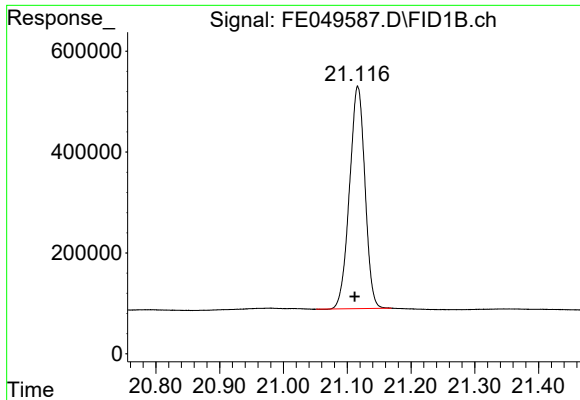
#18 n-Dotriacontane (C32)  
R.T.: 18.866 min  
Delta R.T.: 0.003 min  
Response: 7018979  
Conc: 47.31 ug/ml



#19 n-Tetratriacontane (C34)  
R.T.: 19.649 min  
Delta R.T.: 0.005 min  
Response: 7137660  
Conc: 47.42 ug/ml



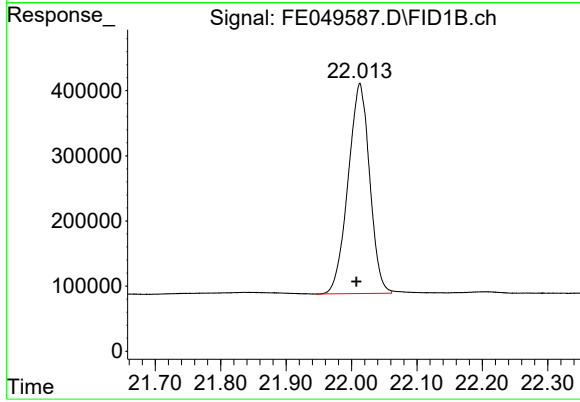
#20 n-Hexatriacontane (C36)  
R.T.: 20.388 min  
Delta R.T.: 0.004 min  
Response: 7187614  
Conc: 47.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min  
Delta R.T.: 0.005 min  
Response: 7436187  
Conc: 47.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.013 min  
Delta R.T.: 0.005 min  
Response: 7392720  
Conc: 48.17 ug/ml