

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101424\  
 Data File : FE050641.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Oct 2024 15:51  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 92 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Oct 15 03:05:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE101124.M  
 Quant Title :  
 QLast Update : Thu Oct 10 13:46:49 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.947	7231427	51.894 ug/ml
Target Compounds			
1) N-OCTANE	1.988	7426497	49.594 ug/ml
2) N-DECANE	4.499	7979174	51.587 ug/ml
3) N-DODECANE	6.669	8193643	52.826 ug/ml
4) N-TETRADECANE	8.497	8278287	52.671 ug/ml
5) N-HEXADECANE	10.103	8310679	52.872 ug/ml
6) N-OCTADECANE	11.543	8427917	52.558 ug/ml
7) N-EICOSANE	12.852	8461368	52.322 ug/ml
8) N-DOCOSANE	14.049	8194392	52.264 ug/ml
10) N-TETRACOSANE	15.151	8180634	52.144 ug/ml
11) N-HEXACOSANE	16.171	8218441	52.130 ug/ml
12) N-OCTACOSANE	17.118	8345199	52.239 ug/ml
13) N-TRIACONTANE	18.006	8793418	52.225 ug/ml
14) N-DOTRIACONTANE	18.839	9073386	52.187 ug/ml
15) N-TETRATRIACONTANE	19.621	9250831	52.230 ug/ml
16) N-HEXATRIACONTANE	20.361	8953022	52.357 ug/ml
17) N-OCTATRIACONTANE	21.086	8481664	50.366 ug/ml
18) N-TETRACONTANE	21.973	7763177	50.421 ug/ml
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(f)=RT Delta > 1/2 Window

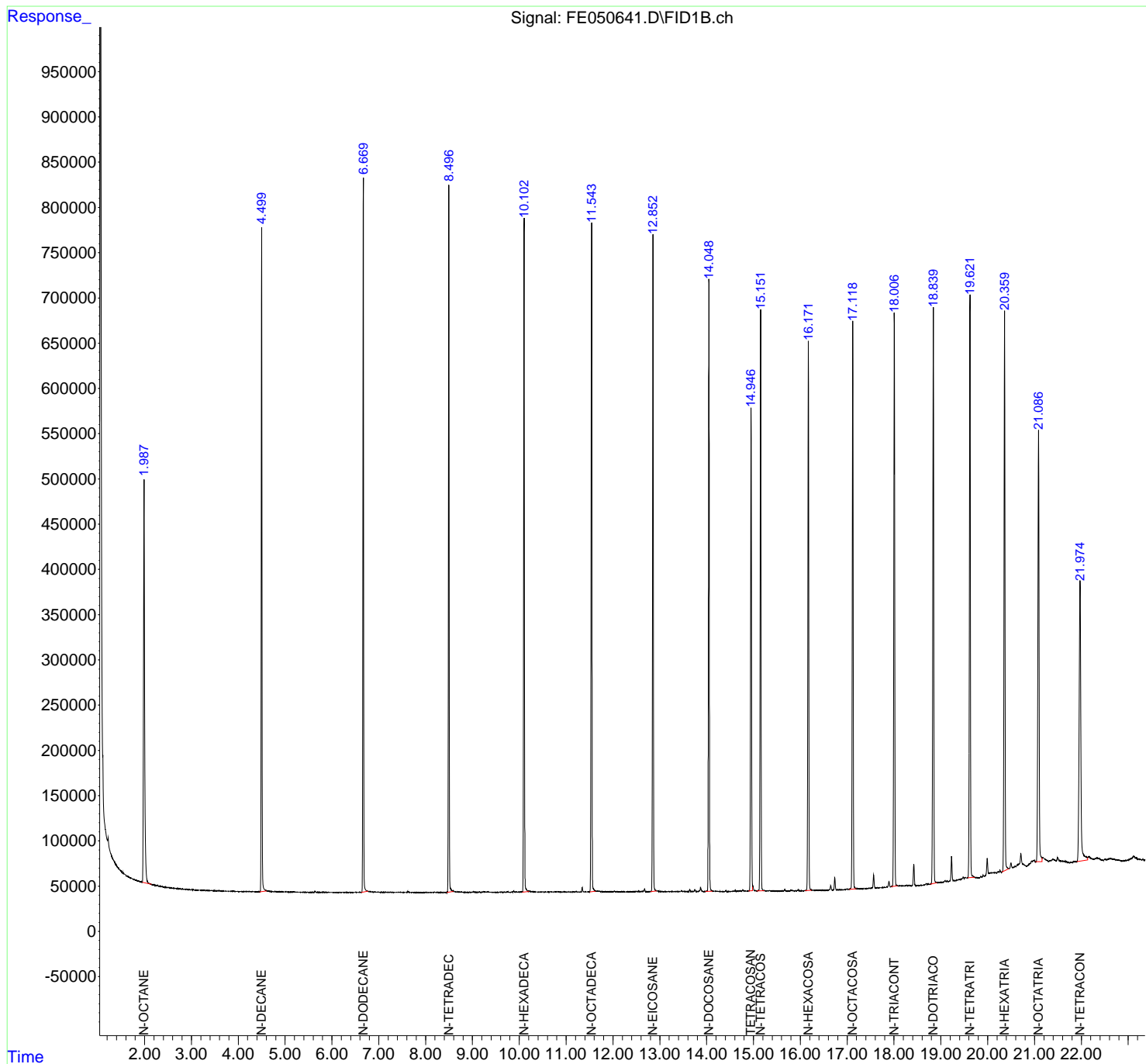
(m)=manual int.

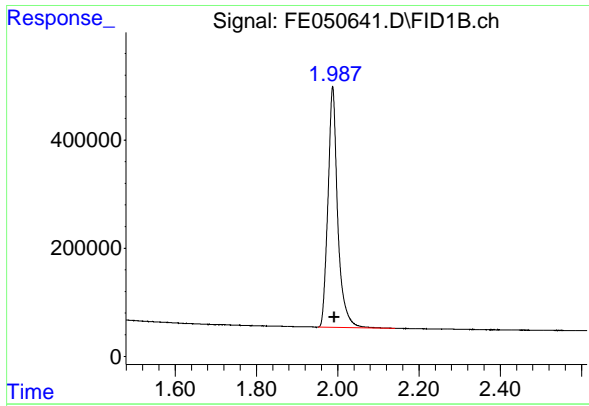
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 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

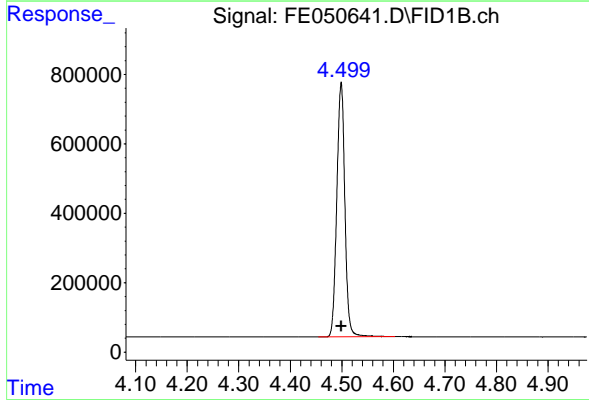




#1 N-OCTANE

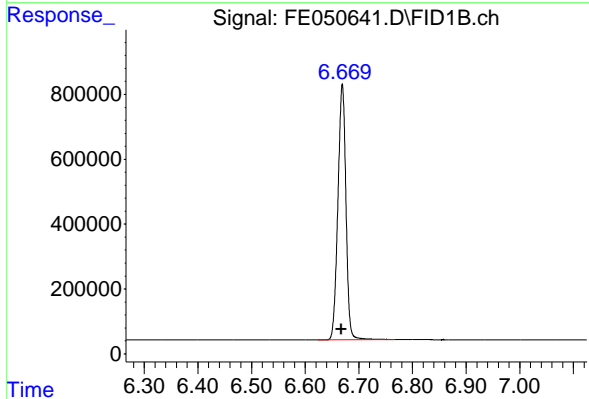
R.T.: 1.988 min  
 Delta R.T.: -0.004 min  
 Response: 7426497  
 Conc: 49.59 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD



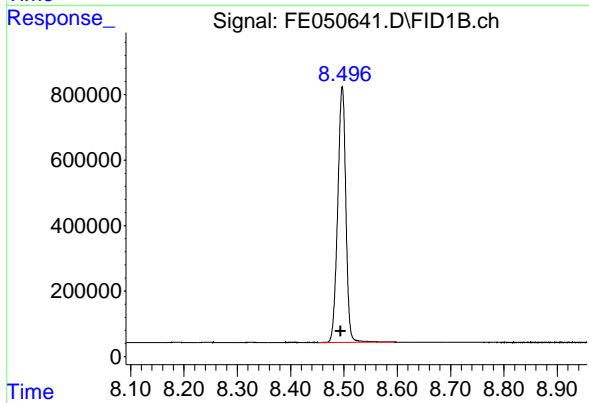
#2 N-DECANE

R.T.: 4.499 min  
 Delta R.T.: 0.000 min  
 Response: 7979174  
 Conc: 51.59 ug/ml



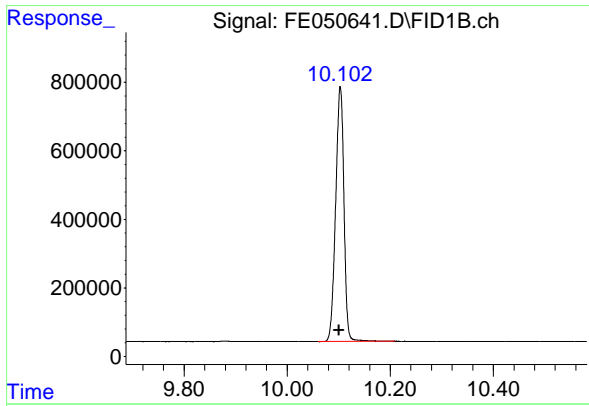
#3 N-DODECANE

R.T.: 6.669 min  
 Delta R.T.: 0.002 min  
 Response: 8193643  
 Conc: 52.83 ug/ml



#4 N-TETRADECANE

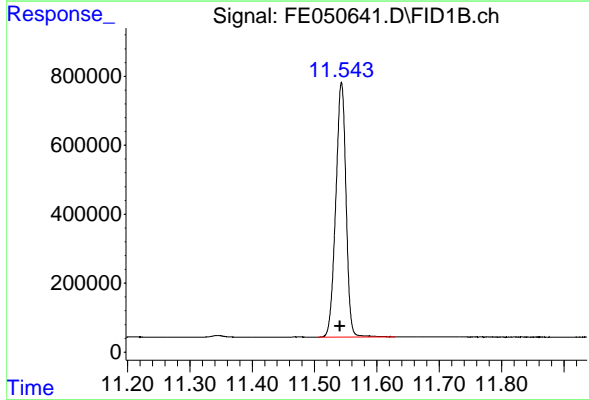
R.T.: 8.497 min  
 Delta R.T.: 0.003 min  
 Response: 8278287  
 Conc: 52.67 ug/ml



#5 N-HEXADECANE

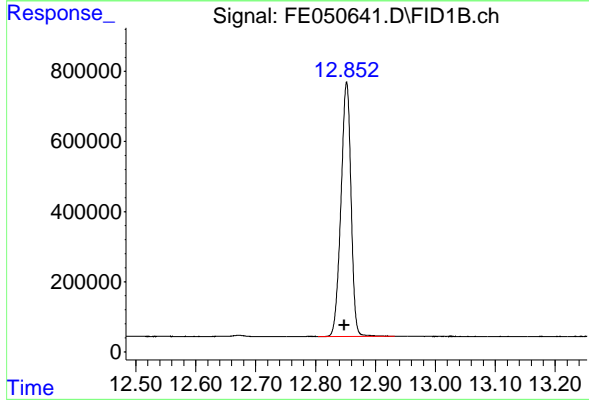
R.T.: 10.103 min  
 Delta R.T.: 0.003 min  
 Response: 8310679  
 Conc: 52.87 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD



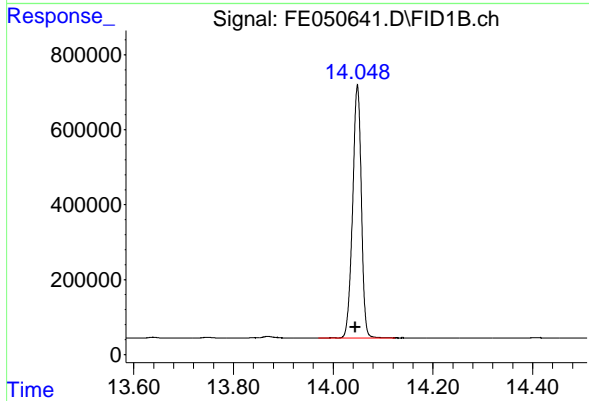
#6 N-OCTADECANE

R.T.: 11.543 min  
 Delta R.T.: 0.003 min  
 Response: 8427917  
 Conc: 52.56 ug/ml



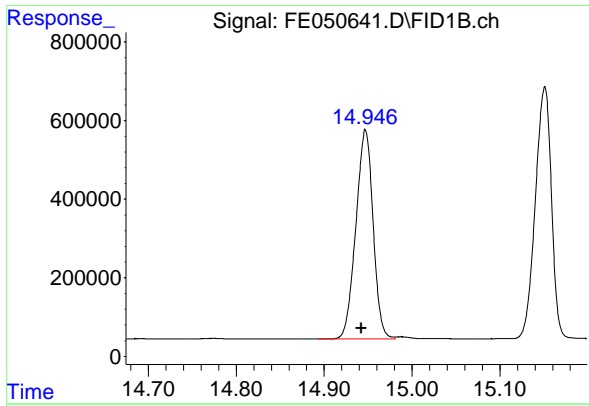
#7 N-EICOSANE

R.T.: 12.852 min  
 Delta R.T.: 0.004 min  
 Response: 8461368  
 Conc: 52.32 ug/ml



#8 N-DOCOSANE

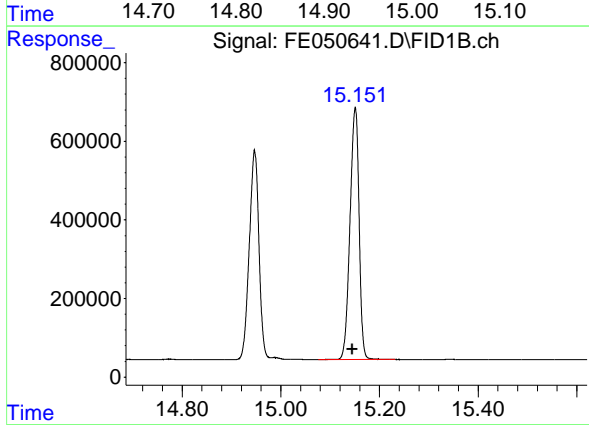
R.T.: 14.049 min  
 Delta R.T.: 0.005 min  
 Response: 8194392  
 Conc: 52.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

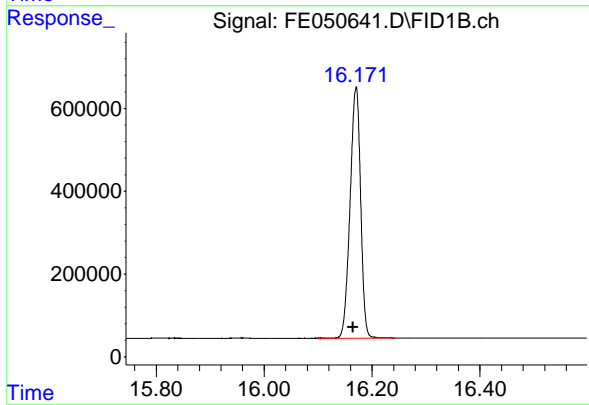
R.T.: 14.947 min  
 Delta R.T.: 0.005 min  
 Response: 7231427  
 Conc: 51.89 ug/ml

Instrument : FID\_E  
 ClientSampleId : 50 PPM TRPH STD



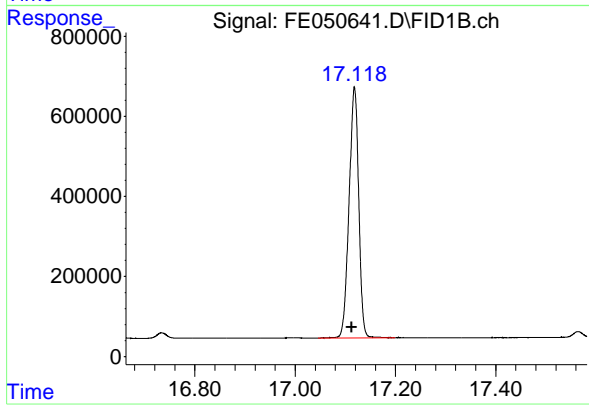
#10 N-TETRACOSANE

R.T.: 15.151 min  
 Delta R.T.: 0.006 min  
 Response: 8180634  
 Conc: 52.14 ug/ml



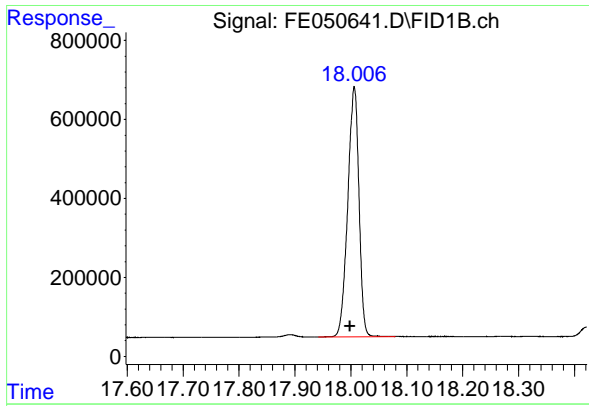
#11 N-HEXACOSANE

R.T.: 16.171 min  
 Delta R.T.: 0.006 min  
 Response: 8218441  
 Conc: 52.13 ug/ml



#12 N-OCTACOSANE

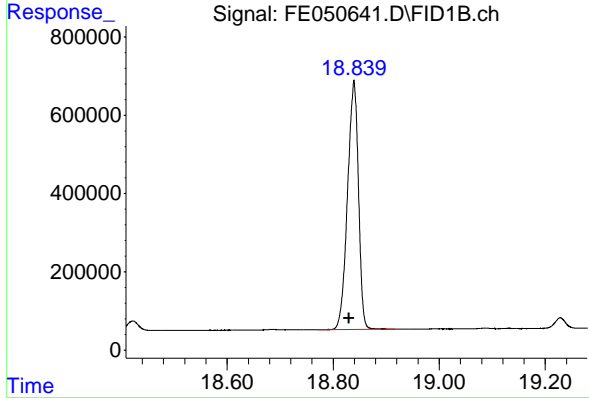
R.T.: 17.118 min  
 Delta R.T.: 0.006 min  
 Response: 8345199  
 Conc: 52.24 ug/ml



#13 N-TRIACONTANE

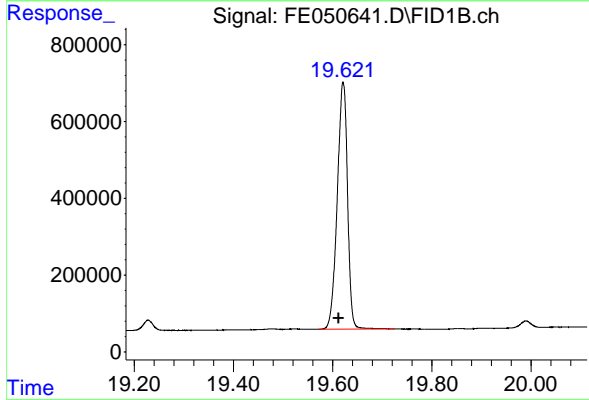
R.T.: 18.006 min  
Delta R.T.: 0.008 min  
Response: 8793418  
Conc: 52.22 ug/ml

Instrument : FID\_E  
ClientSampleId : 50 PPM TRPH STD



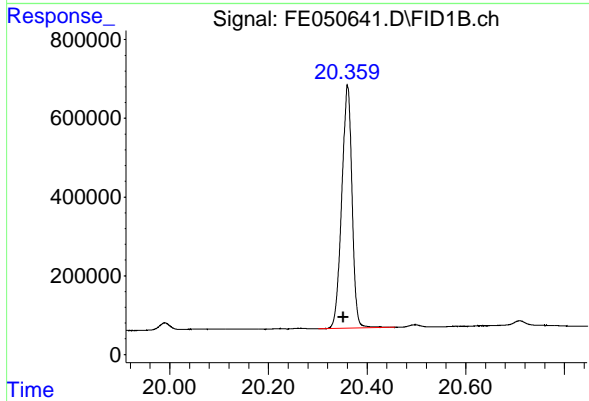
#14 N-DOTRIACONTANE

R.T.: 18.839 min  
Delta R.T.: 0.009 min  
Response: 9073386  
Conc: 52.19 ug/ml



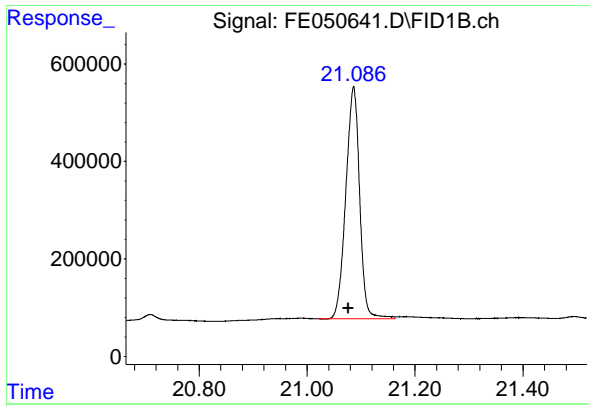
#15 N-TETRATRIACONTANE

R.T.: 19.621 min  
Delta R.T.: 0.009 min  
Response: 9250831  
Conc: 52.23 ug/ml



#16 N-HEXATRIACONTANE

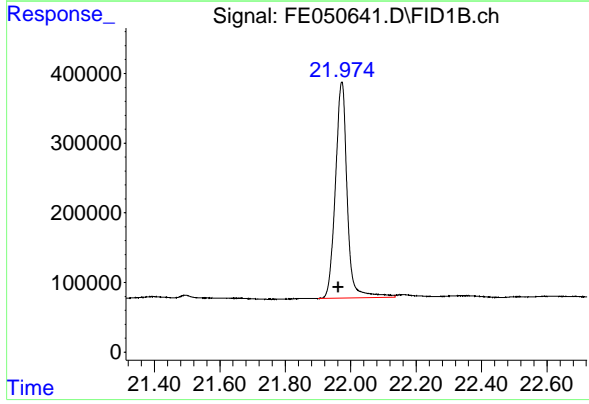
R.T.: 20.361 min  
Delta R.T.: 0.009 min  
Response: 8953022  
Conc: 52.36 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.086 min  
Delta R.T.: 0.010 min  
Response: 8481664  
Conc: 50.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.973 min  
Delta R.T.: 0.011 min  
Response: 7763177  
Conc: 50.42 ug/ml