

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071425\  
 Data File : FF016160.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Jul 2025 18:49  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Jul 15 00:49:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF071025.M  
 Quant Title :  
 QLast Update : Thu Jul 10 12:51:11 2025  
 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...	15.100	5220448	53.612 ug/ml
Target Compounds			
1) N-OCTANE	2.070	6302600	50.528 ug/ml
2) N-DECANE	4.614	6501954	52.244 ug/ml
3) N-DODECANE	6.792	6389842	52.438 ug/ml
4) N-TETRADECANE	8.627	6224726	51.777 ug/ml
5) N-HEXADECANE	10.236	6123970	52.646 ug/ml
6) N-OCTADECANE	11.683	6145747	52.886 ug/ml
7) N-EICOSANE	12.996	6113213	52.271 ug/ml
8) N-DOCOSANE	14.198	5917801	52.779 ug/ml
10) N-TETRACOSANE	15.305	5903837	53.231 ug/ml
11) N-HEXACOSANE	16.329	5817847	54.182 ug/ml
12) N-OCTACOSANE	17.283	5770176	53.660 ug/ml
13) N-TRIACONTANE	18.172	5884899	54.333 ug/ml
14) N-DOTRIACONTANE	19.010	5810375	55.409 ug/ml
15) N-TETRATRIACONTANE	19.796	5436022	56.661 ug/ml
16) N-HEXATRIACONTANE	20.538	5005523	60.002 ug/ml
17) N-OCTATRIACONTANE	21.306	4912421	66.703 ug/ml
18) N-TETRACONTANE	22.270	4908816	72.169 ug/ml
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(f)=RT Delta > 1/2 Window

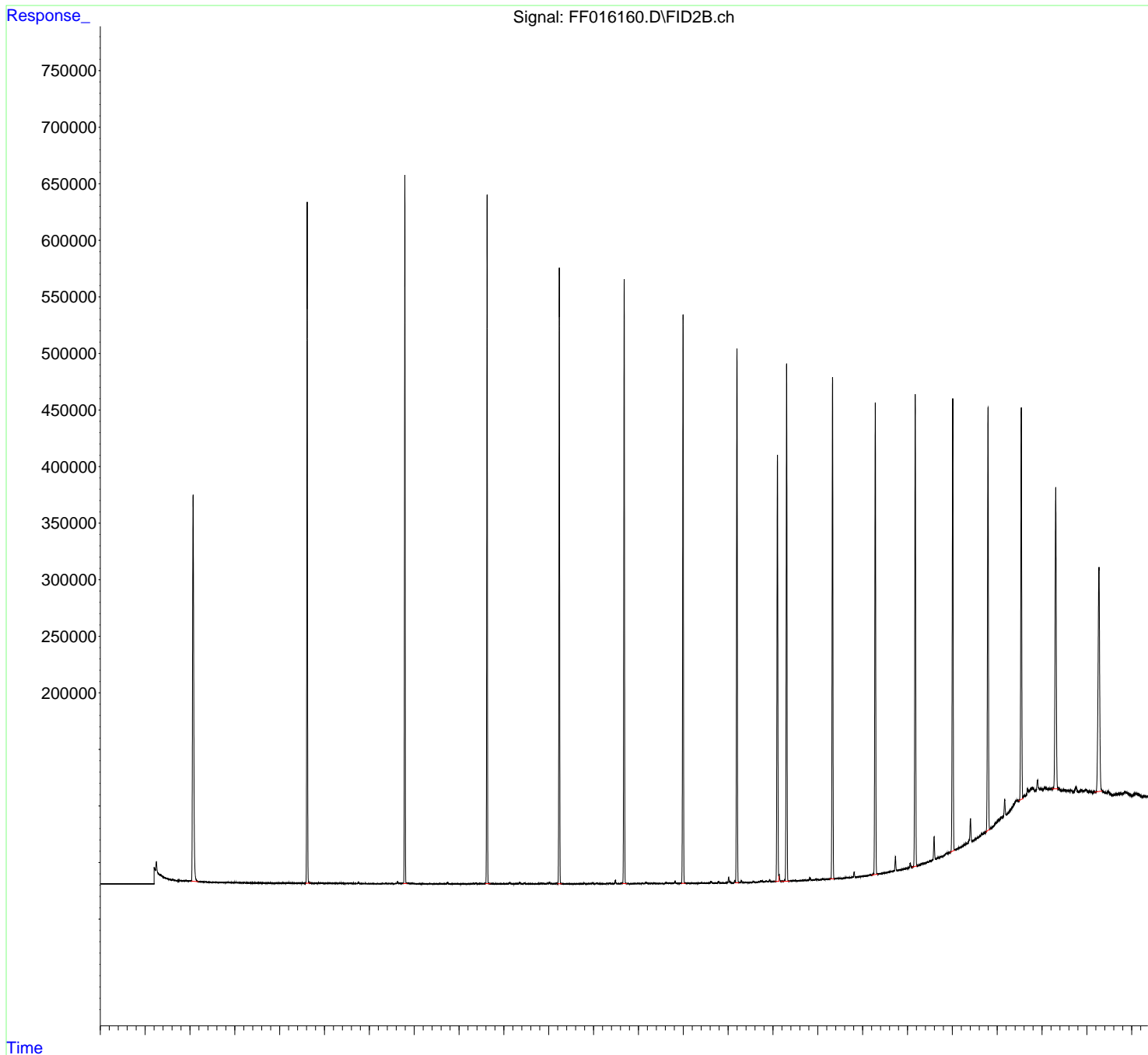
(m)=manual int.

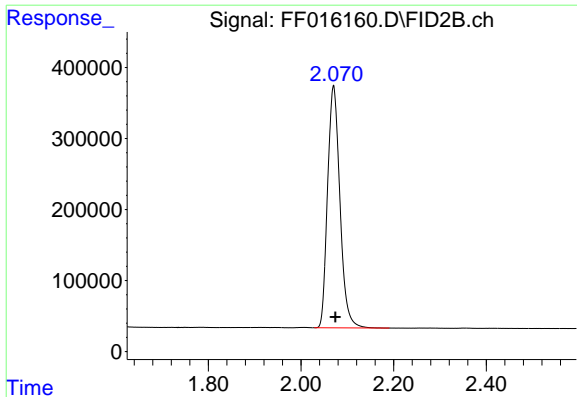
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071425\  
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

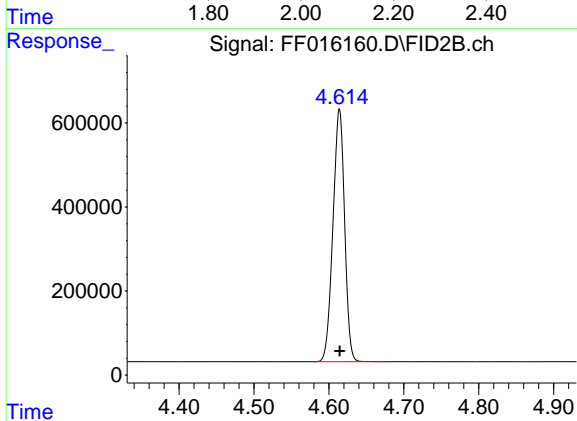




#1 N-OCTANE

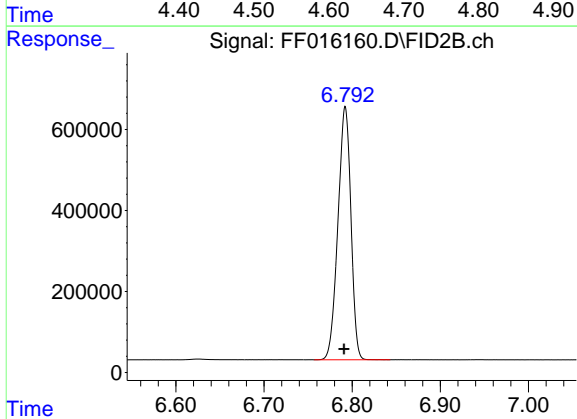
R.T.: 2.070 min  
Delta R.T.: -0.004 min  
Response: 6302600  
Conc: 50.53 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



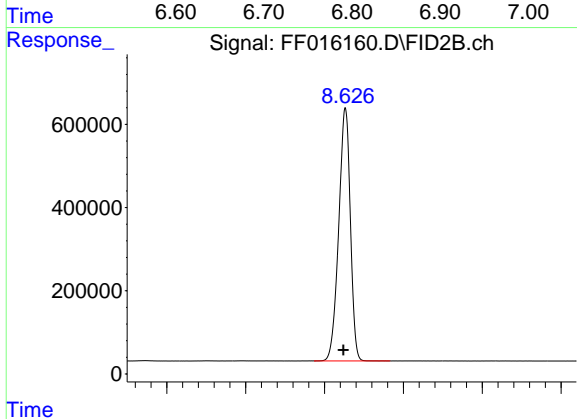
#2 N-DECANE

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 6501954  
Conc: 52.24 ug/ml



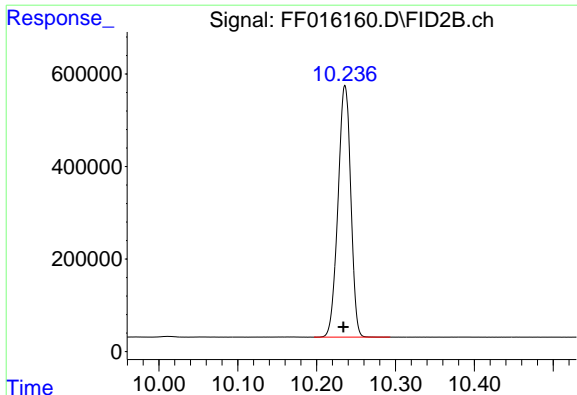
#3 N-DODECANE

R.T.: 6.792 min  
Delta R.T.: 0.002 min  
Response: 6389842  
Conc: 52.44 ug/ml



#4 N-TETRADECANE

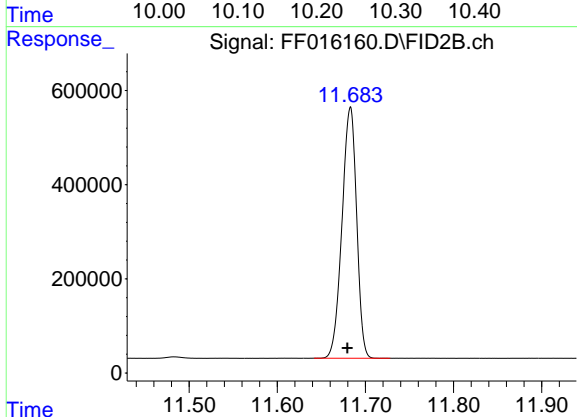
R.T.: 8.627 min  
Delta R.T.: 0.003 min  
Response: 6224726  
Conc: 51.78 ug/ml



#5 N-HEXADECANE

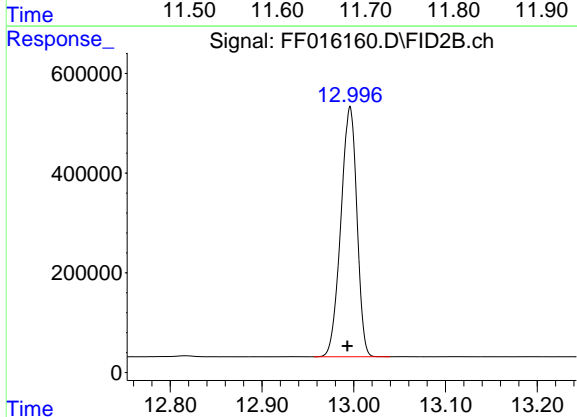
R.T.: 10.236 min  
 Delta R.T.: 0.002 min  
 Response: 6123970  
 Conc: 52.65 ug/ml

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD



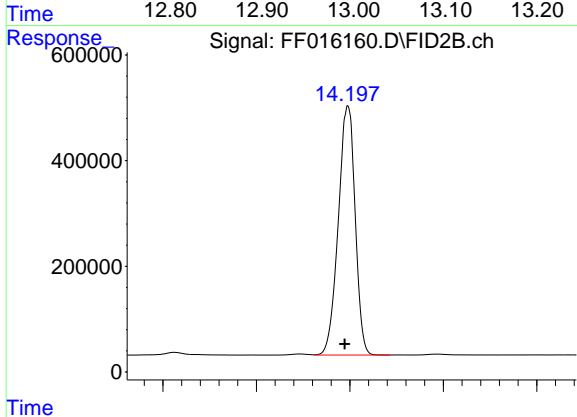
#6 N-OCTADECANE

R.T.: 11.683 min  
 Delta R.T.: 0.004 min  
 Response: 6145747  
 Conc: 52.89 ug/ml



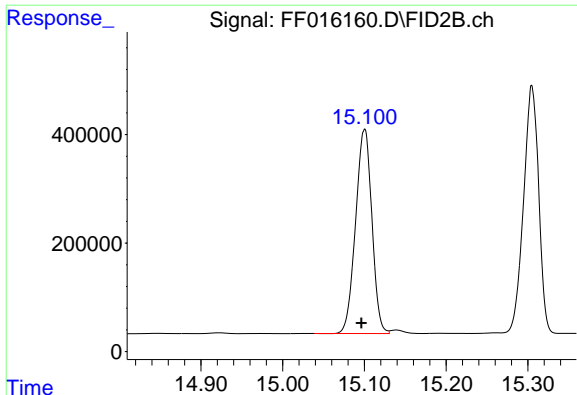
#7 N-EICOSANE

R.T.: 12.996 min  
 Delta R.T.: 0.003 min  
 Response: 6113213  
 Conc: 52.27 ug/ml



#8 N-DOCOSANE

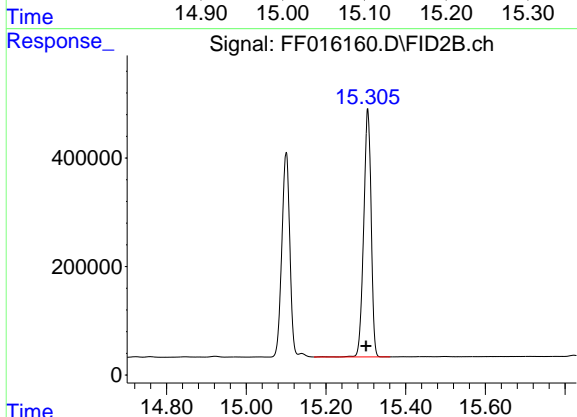
R.T.: 14.198 min  
 Delta R.T.: 0.003 min  
 Response: 5917801  
 Conc: 52.78 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

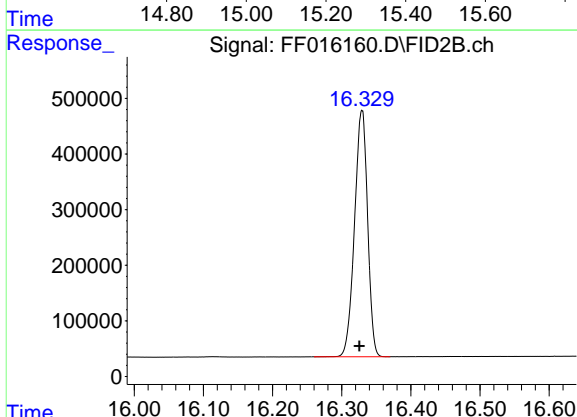
R.T.: 15.100 min  
 Delta R.T.: 0.004 min  
 Response: 5220448  
 Conc: 53.61 ug/ml

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD



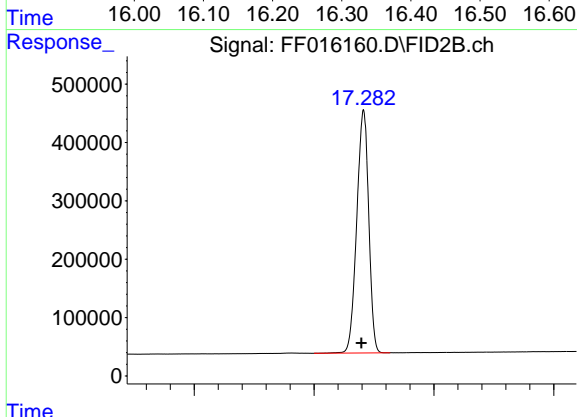
#10 N-TETRACOSANE

R.T.: 15.305 min  
 Delta R.T.: 0.005 min  
 Response: 5903837  
 Conc: 53.23 ug/ml



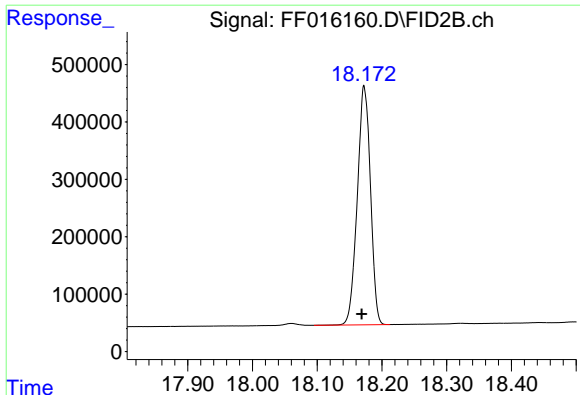
#11 N-HEXACOSANE

R.T.: 16.329 min  
 Delta R.T.: 0.004 min  
 Response: 5817847  
 Conc: 54.18 ug/ml



#12 N-OCTACOSANE

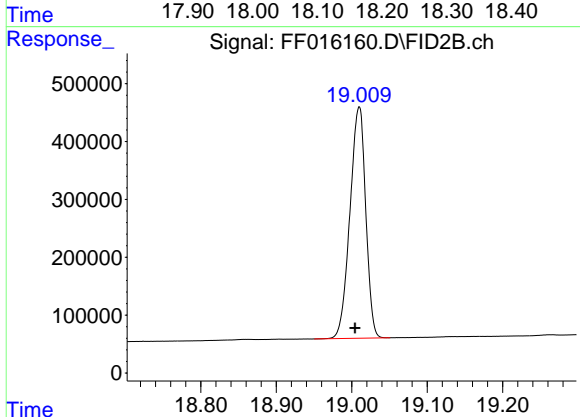
R.T.: 17.283 min  
 Delta R.T.: 0.004 min  
 Response: 5770176  
 Conc: 53.66 ug/ml



#13 N-TRIACONTANE

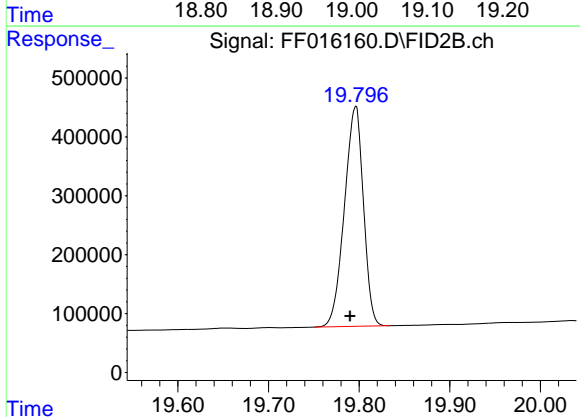
R.T.: 18.172 min  
Delta R.T.: 0.004 min  
Response: 5884899  
Conc: 54.33 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



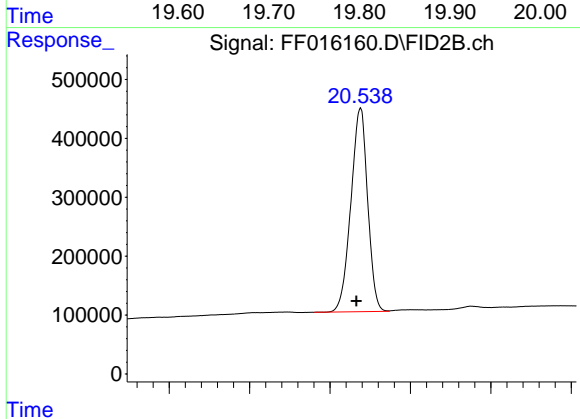
#14 N-DOTRIACONTANE

R.T.: 19.010 min  
Delta R.T.: 0.006 min  
Response: 5810375  
Conc: 55.41 ug/ml



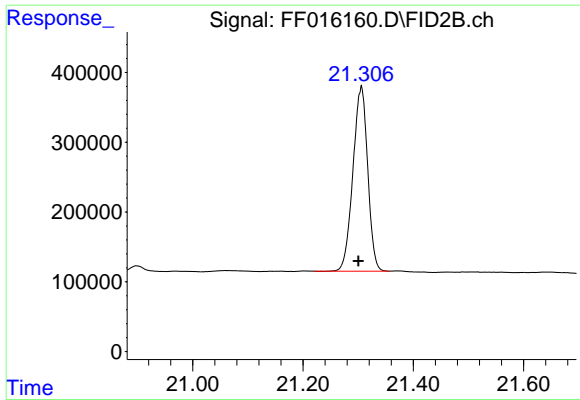
#15 N-TETRATRIACONTANE

R.T.: 19.796 min  
Delta R.T.: 0.006 min  
Response: 5436022  
Conc: 56.66 ug/ml



#16 N-HEXATRIACONTANE

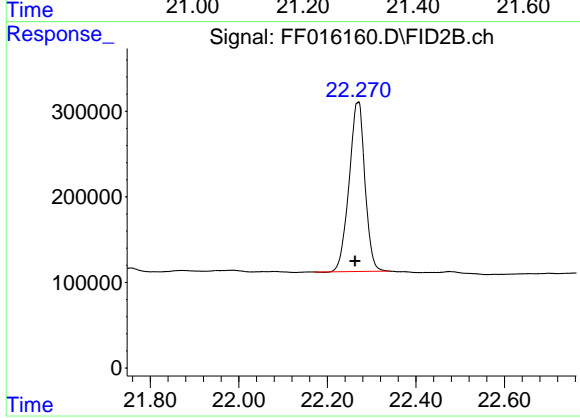
R.T.: 20.538 min  
Delta R.T.: 0.005 min  
Response: 5005523  
Conc: 60.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.306 min  
Delta R.T.: 0.006 min  
Response: 4912421  
Conc: 66.70 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.270 min  
Delta R.T.: 0.008 min  
Response: 4908816  
Conc: 72.17 ug/ml