

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525\
 Data File : FG017166.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 14:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 16 01:09:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.134	4847124	46.578 ug/ml
Target Compounds			
1) N-OCTANE	2.076	5887635	47.301 ug/ml
2) N-DECANE	4.612	5870740	49.214 ug/ml
3) N-DODECANE	6.794	5879162	49.220 ug/ml
4) N-TETRADECANE	8.633	5768663	49.846 ug/ml
5) N-HEXADECANE	10.251	5657079	49.439 ug/ml
6) N-OCTADECANE	11.703	5757169	48.001 ug/ml
7) N-EICOSANE	13.022	5825478	46.863 ug/ml
8) N-DOCOSANE	14.229	5567600	46.632 ug/ml
10) N-TETRACOSANE	15.340	5517545	46.962 ug/ml
11) N-HEXACOSANE	16.367	5232833	46.577 ug/ml
12) N-OCTACOSANE	17.322	5195045	46.040 ug/ml
13) N-TRIACONTANE	18.215	5156759	46.073 ug/ml
14) N-DOTRIACONTANE	19.053	5002176	46.271 ug/ml
15) N-TETRATRIACONTANE	19.841	4711491	46.997 ug/ml
16) N-HEXATRIACONTANE	20.584	4130037	47.352 ug/ml
17) N-OCTATRIACONTANE	21.358	3731718	48.938 ug/ml
18) N-TETRACONTANE	22.334	3005597	48.040 ug/ml

(f)=RT Delta > 1/2 Window

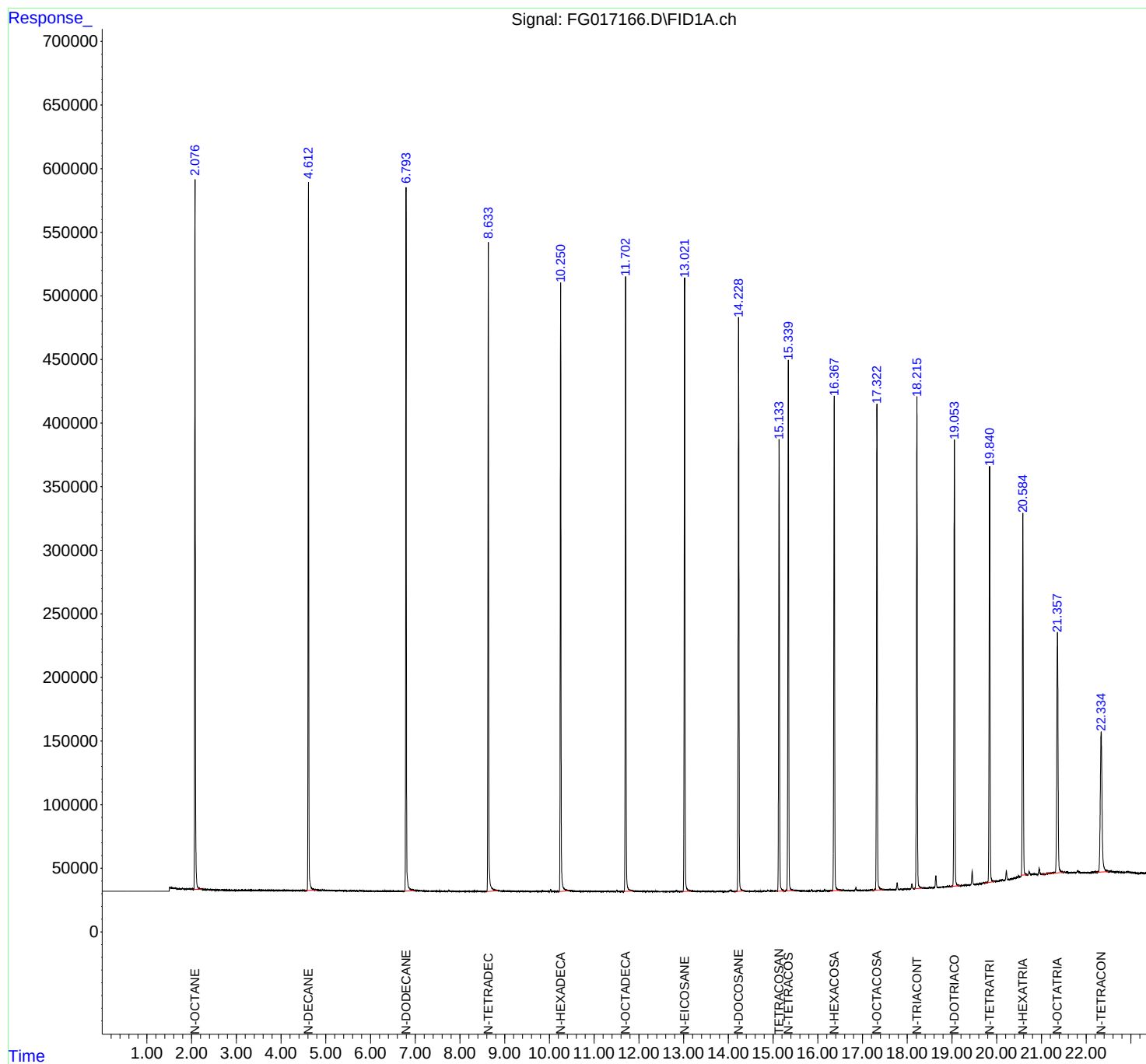
(m)=manual int.

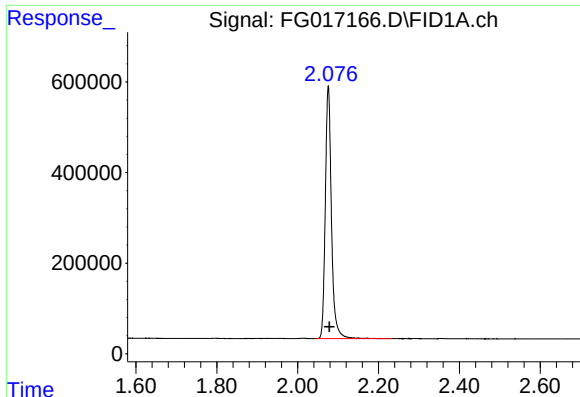
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

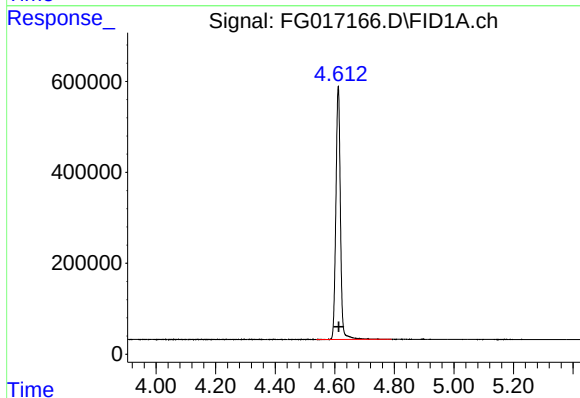




#1 N-OCTANE

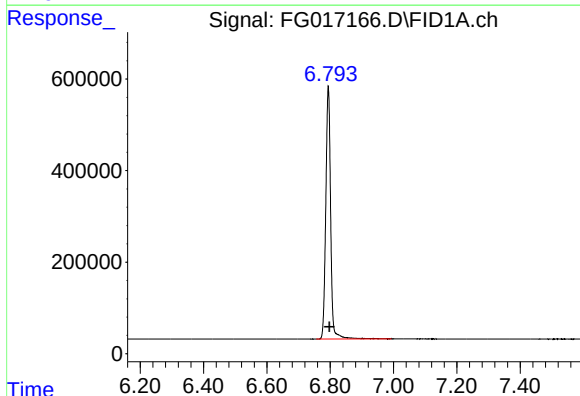
R.T.: 2.076 min
Delta R.T.: -0.003 min
Response: 5887635
Conc: 47.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



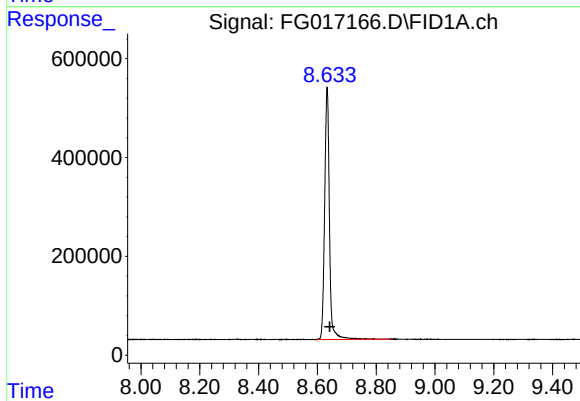
#2 N-DECANE

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 5870740
Conc: 49.21 ug/ml



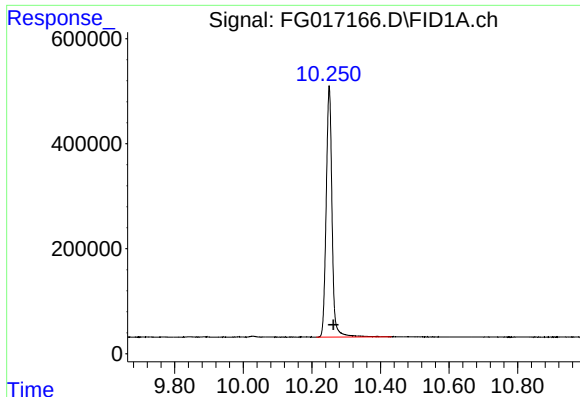
#3 N-DODECANE

R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 5879162
Conc: 49.22 ug/ml



#4 N-TETRADECANE

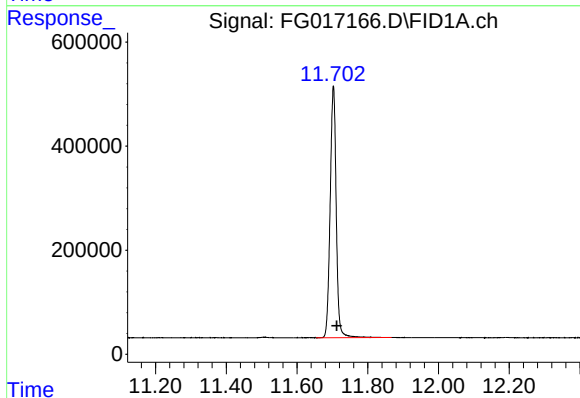
R.T.: 8.633 min
Delta R.T.: -0.009 min
Response: 5768663
Conc: 49.85 ug/ml



#5 N-HEXADECANE

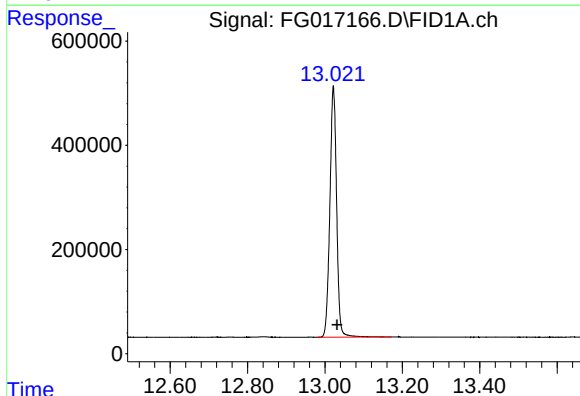
R.T.: 10.251 min
Delta R.T.: -0.012 min
Response: 5657079
Conc: 49.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



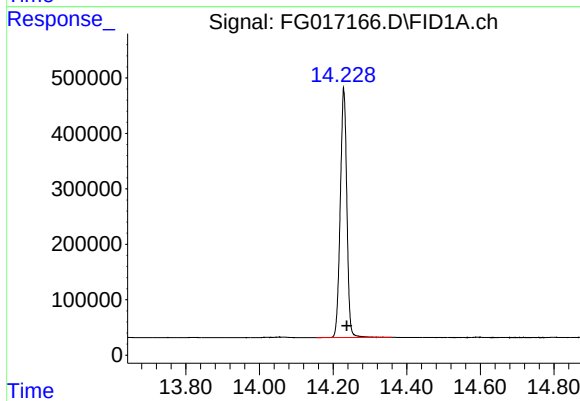
#6 N-OCTADECANE

R.T.: 11.703 min
Delta R.T.: -0.009 min
Response: 5757169
Conc: 48.00 ug/ml



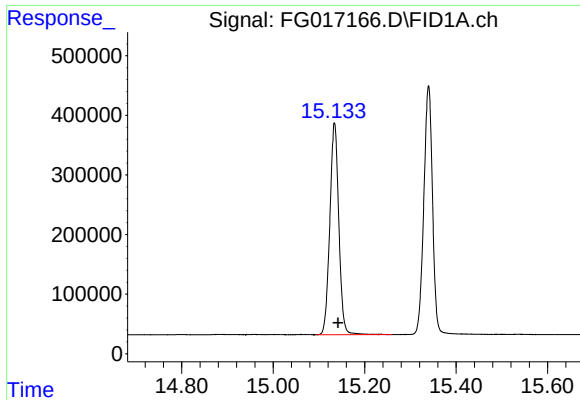
#7 N-EICOSANE

R.T.: 13.022 min
Delta R.T.: -0.009 min
Response: 5825478
Conc: 46.86 ug/ml



#8 N-DOCOSANE

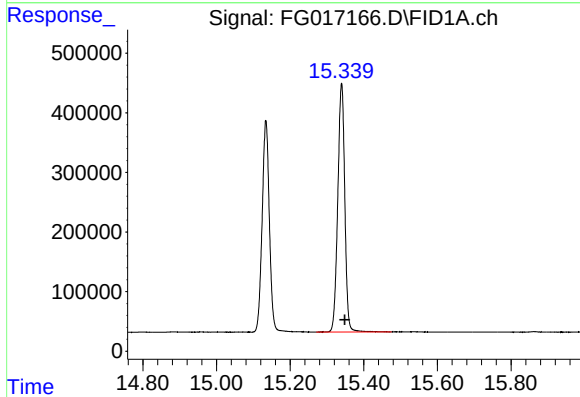
R.T.: 14.229 min
Delta R.T.: -0.008 min
Response: 5567600
Conc: 46.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

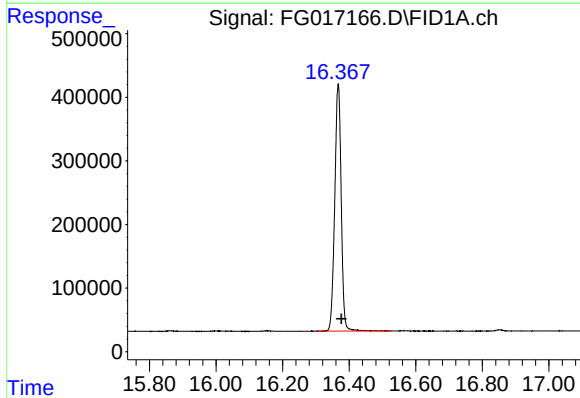
R.T.: 15.134 min
Delta R.T.: -0.008 min
Response: 4847124
Conc: 46.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



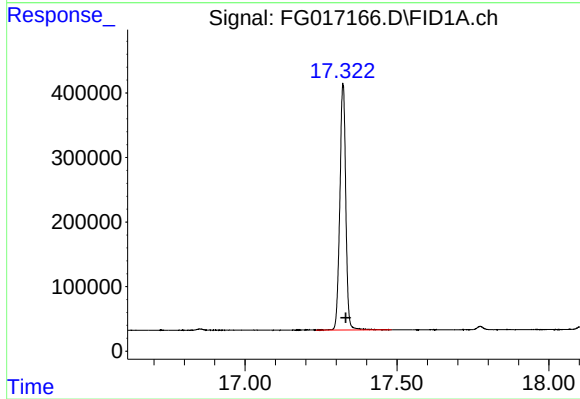
#10 N-TETRACOSANE

R.T.: 15.340 min
Delta R.T.: -0.008 min
Response: 5517545
Conc: 46.96 ug/ml



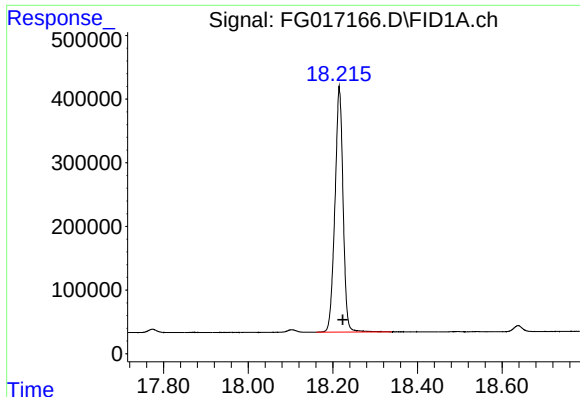
#11 N-HEXACOSANE

R.T.: 16.367 min
Delta R.T.: -0.009 min
Response: 5232833
Conc: 46.58 ug/ml



#12 N-OCTACOSANE

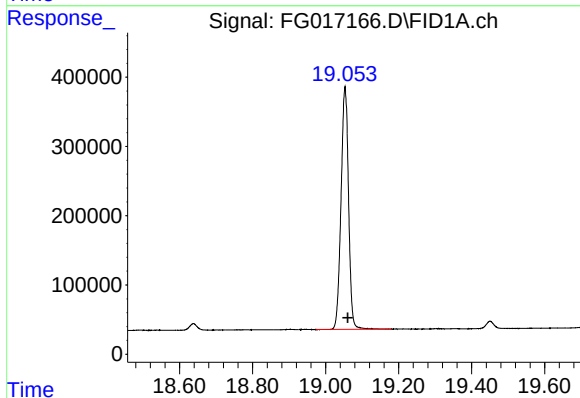
R.T.: 17.322 min
Delta R.T.: -0.009 min
Response: 5195045
Conc: 46.04 ug/ml



#13 N-TRIACONTANE

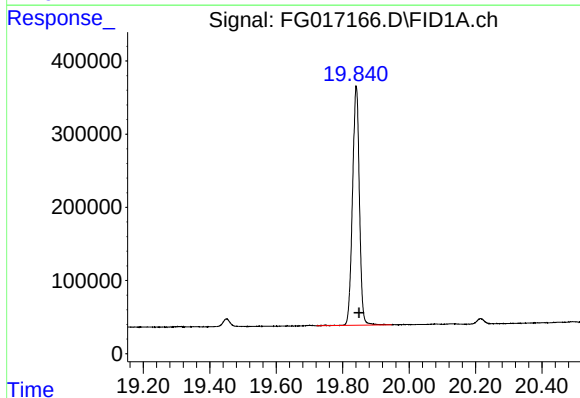
R.T.: 18.215 min
Delta R.T.: -0.008 min
Response: 5156759
Conc: 46.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



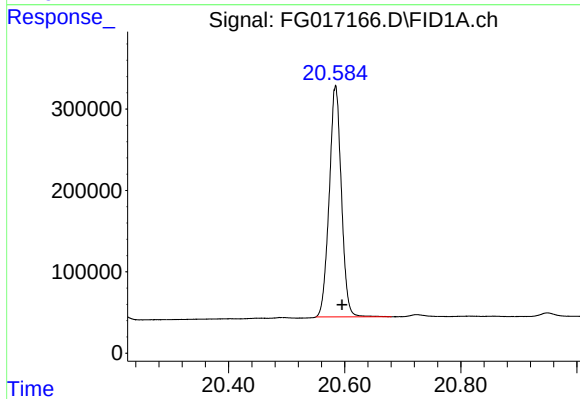
#14 N-DOTRIACONTANE

R.T.: 19.053 min
Delta R.T.: -0.008 min
Response: 5002176
Conc: 46.27 ug/ml



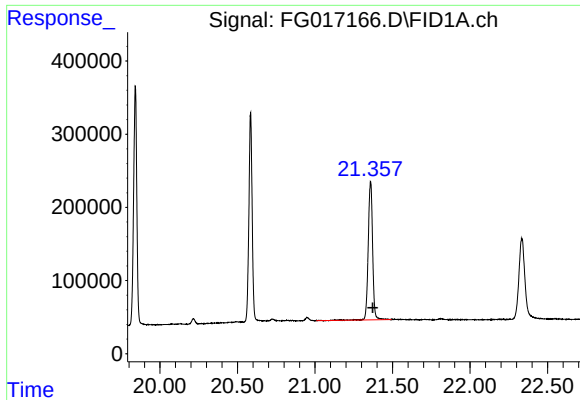
#15 N-TETRATRIACONTANE

R.T.: 19.841 min
Delta R.T.: -0.009 min
Response: 4711491
Conc: 47.00 ug/ml



#16 N-HEXATRIACONTANE

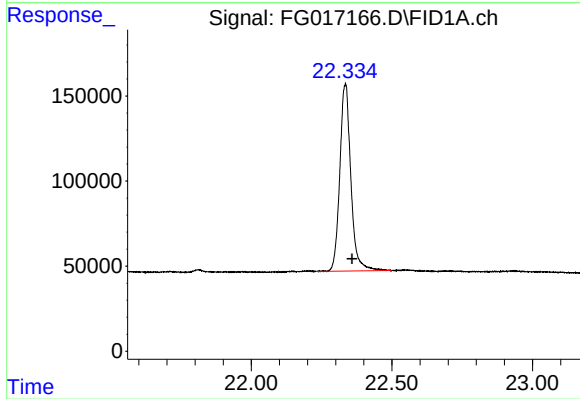
R.T.: 20.584 min
Delta R.T.: -0.011 min
Response: 4130037
Conc: 47.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.358 min
Delta R.T.: -0.014 min
Response: 3731718
Conc: 48.94 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.334 min
Delta R.T.: -0.024 min
Response: 3005597
Conc: 48.04 ug/ml