

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925\
 Data File : FG016840.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 10:39
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 29 10:55:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 10:54:43 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...	15.152	5217588	50.000 ug/ml
Target Compounds			
1) N-OCTANE	2.087	5861860	50.000 ug/ml
2) N-DECANE	4.626	5868747	50.000 ug/ml
3) N-DODECANE	6.809	6008221	50.000 ug/ml
4) N-TETRADECANE	8.648	6012128	50.000 ug/ml
5) N-HEXADECANE	10.267	5981411	50.000 ug/ml
6) N-OCTADECANE	11.719	6140180	50.000 ug/ml
7) N-EICOSANE	13.039	6246939	50.000 ug/ml
8) N-DOCOSANE	14.246	6019988	50.000 ug/ml
10) N-TETRACOSANE	15.357	5932605	50.000 ug/ml
11) N-HEXACOSANE	16.385	5741971	50.000 ug/ml
12) N-OCTACOSANE	17.342	5721663	50.000 ug/ml
13) N-TRIACONTANE	18.235	5678653	50.000 ug/ml
14) N-DOTRIACONTANE	19.073	5458671	50.000 ug/ml
15) N-TETRATRIACONTANE	19.861	5104079	50.000 ug/ml
16) N-HEXATRIACONTANE	20.606	4465590	50.000 ug/ml
17) N-OCTATRIACONTANE	21.382	3986197	50.000 ug/ml
18) N-TETRACONTANE	22.367	3426170	50.000 ug/ml

(f)=RT Delta > 1/2 Window

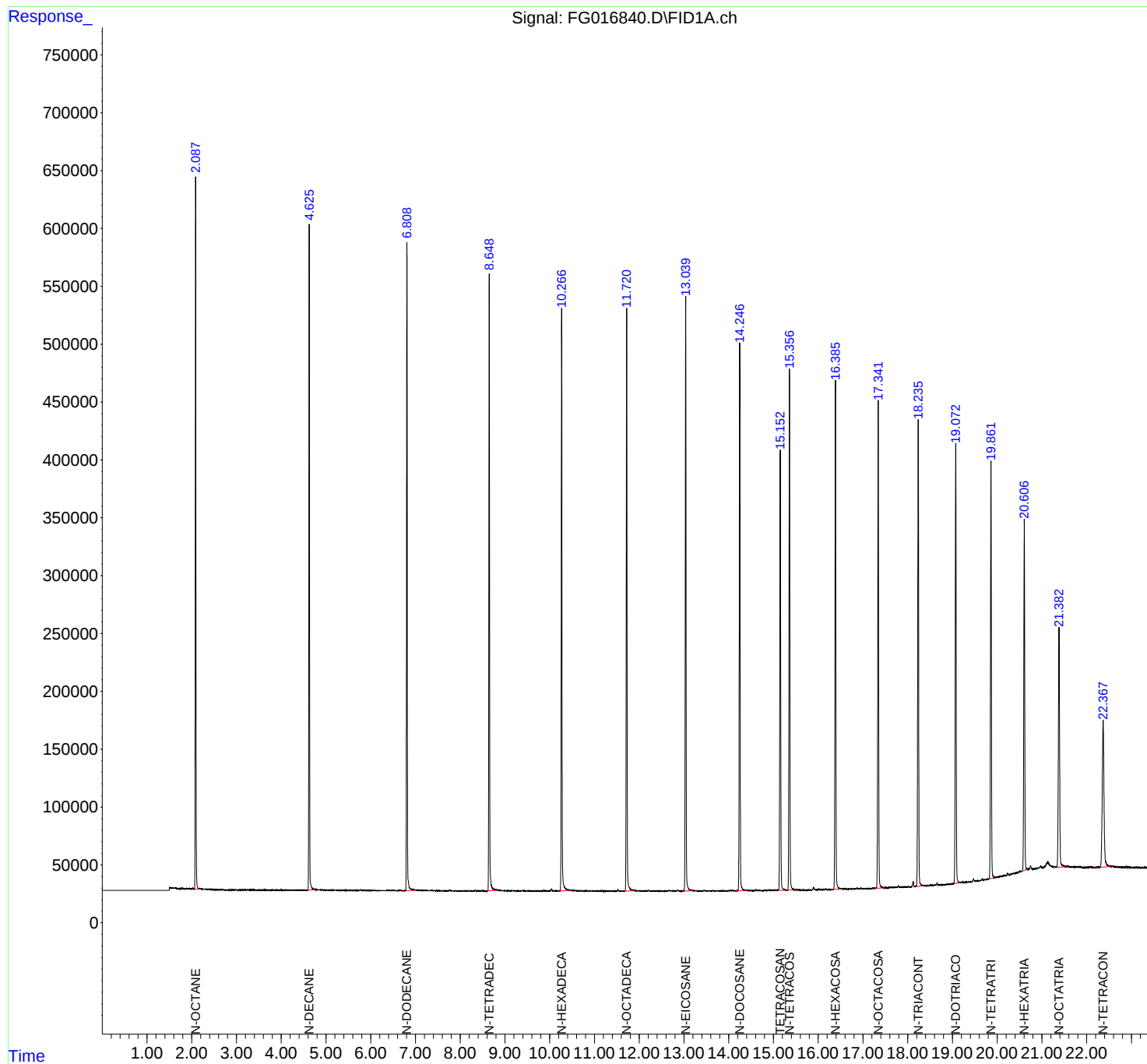
(m)=manual int.

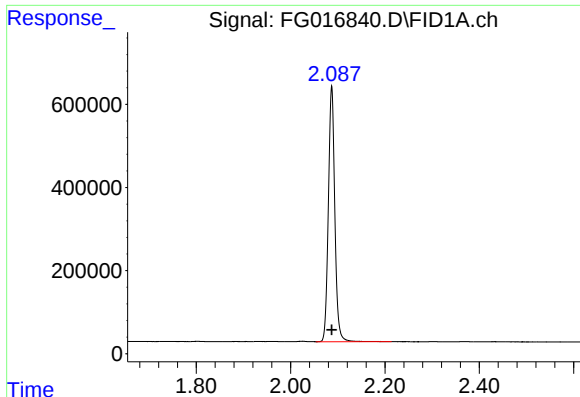
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

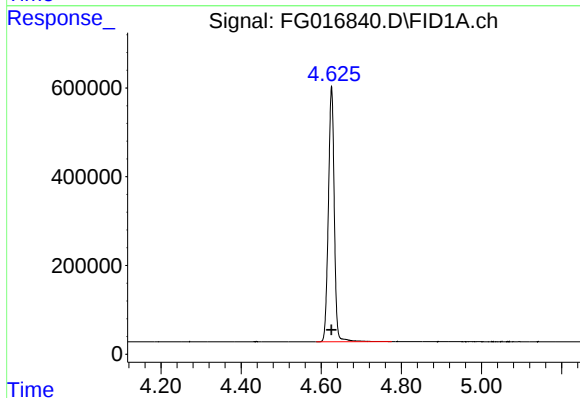




#1 N-OCTANE

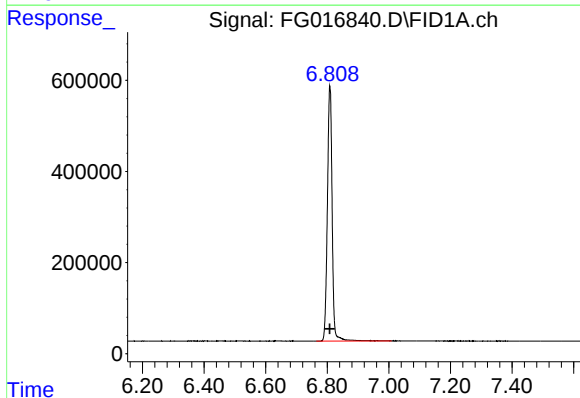
R.T.: 2.087 min
Delta R.T.: 0.000 min
Response: 5861860
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



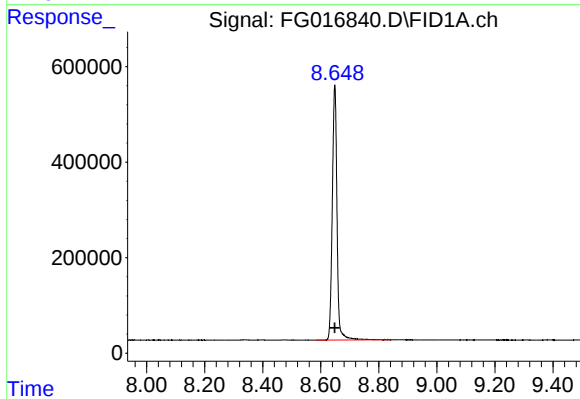
#2 N-DECANE

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 5868747
Conc: 50.00 ug/ml



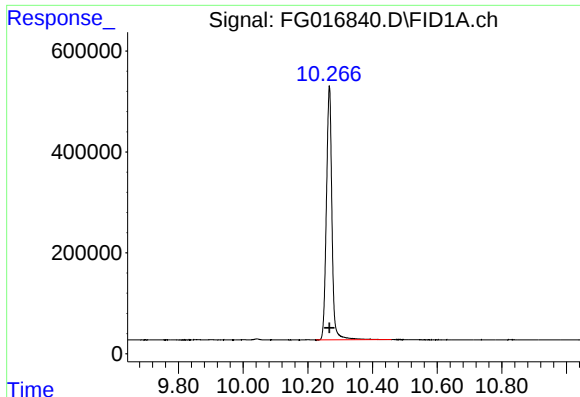
#3 N-DODECANE

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 6008221
Conc: 50.00 ug/ml



#4 N-TETRADECANE

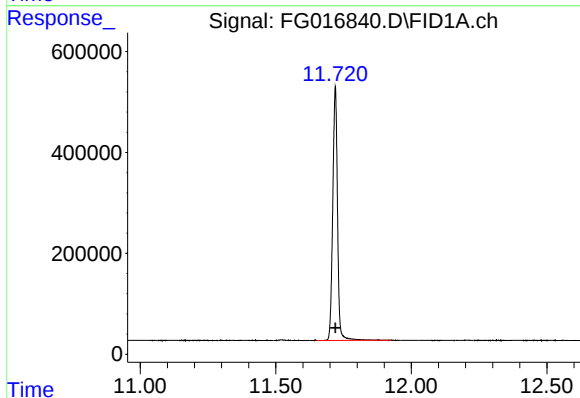
R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 6012128
Conc: 50.00 ug/ml



#5 N-HEXADECANE

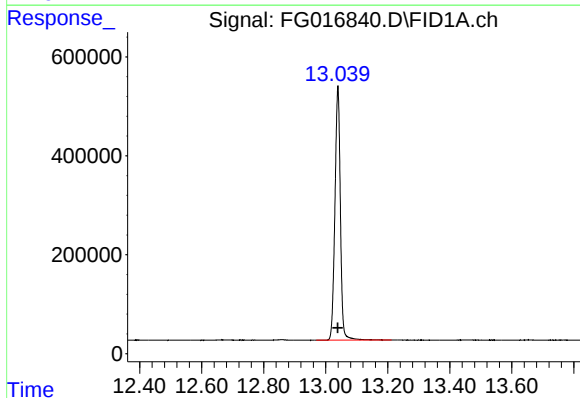
R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 5981411
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



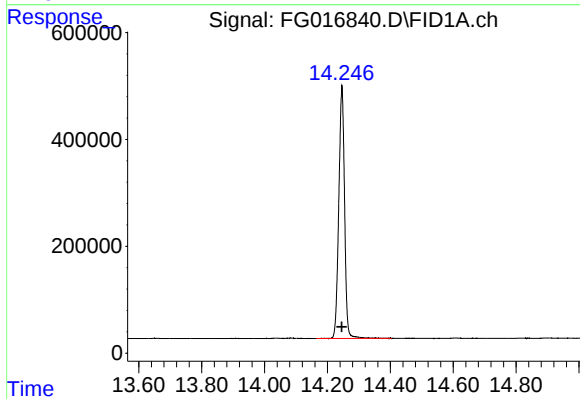
#6 N-OCTADECANE

R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 6140180
Conc: 50.00 ug/ml



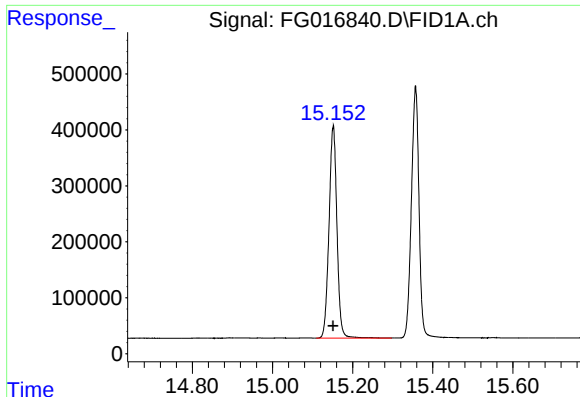
#7 N-EICOSANE

R.T.: 13.039 min
Delta R.T.: 0.000 min
Response: 6246939
Conc: 50.00 ug/ml



#8 N-DOCOSANE

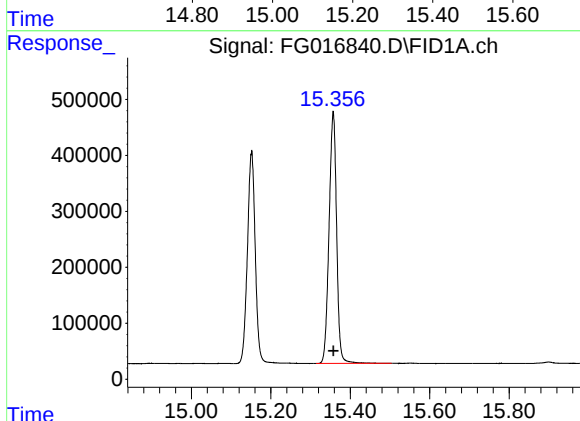
R.T.: 14.246 min
Delta R.T.: 0.000 min
Response: 6019988
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

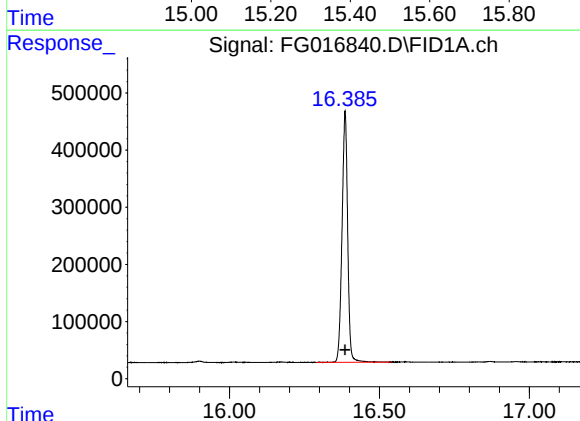
R.T.: 15.152 min
Delta R.T.: 0.000 min
Response: 5217588
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



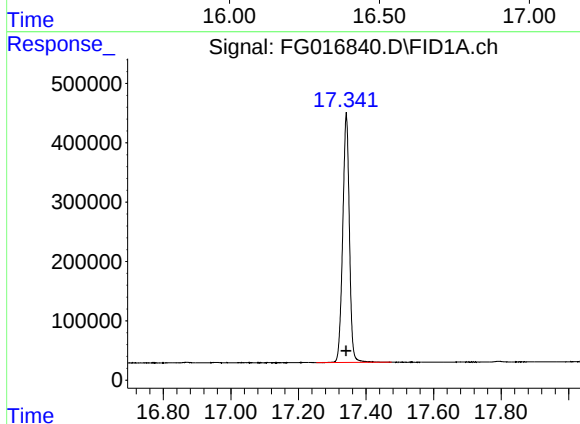
#10 N-TETRACOSANE

R.T.: 15.357 min
Delta R.T.: 0.000 min
Response: 5932605
Conc: 50.00 ug/ml



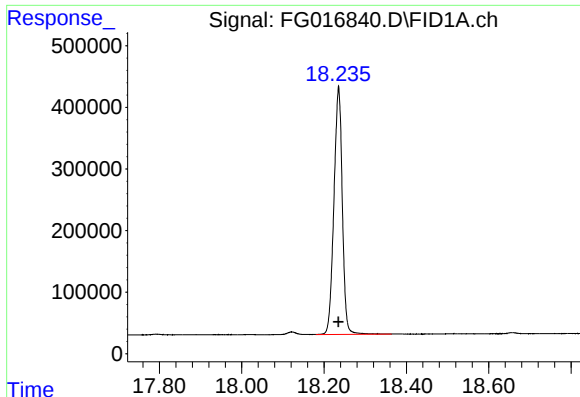
#11 N-HEXACOSANE

R.T.: 16.385 min
Delta R.T.: 0.000 min
Response: 5741971
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

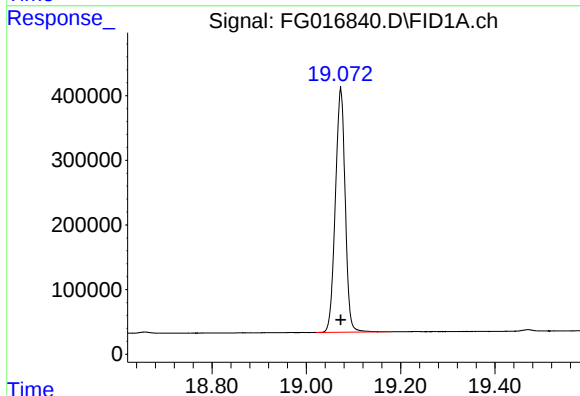
R.T.: 17.342 min
Delta R.T.: 0.000 min
Response: 5721663
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

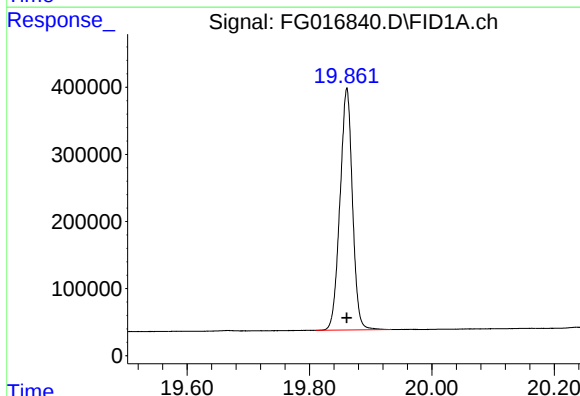
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 5678653
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



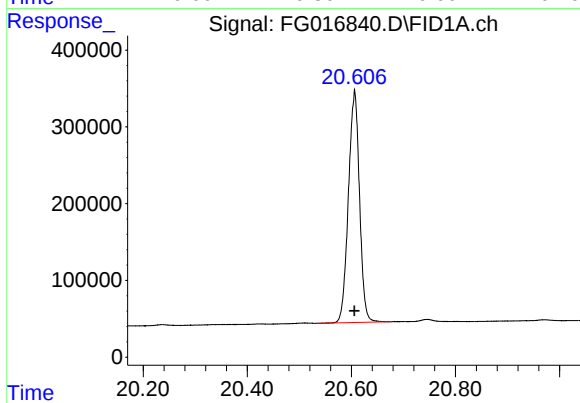
#14 N-DOTRIACONTANE

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 5458671
Conc: 50.00 ug/ml



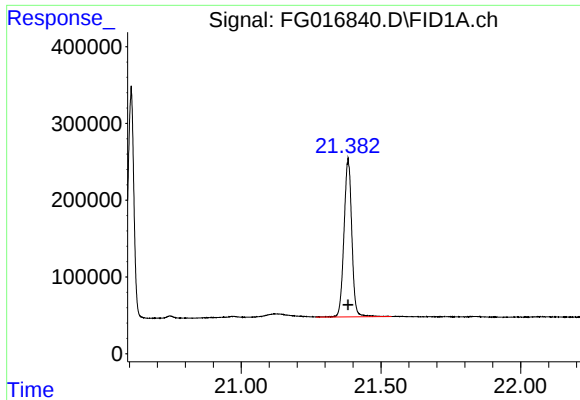
#15 N-TETRATRIACONTANE

R.T.: 19.861 min
Delta R.T.: 0.000 min
Response: 5104079
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

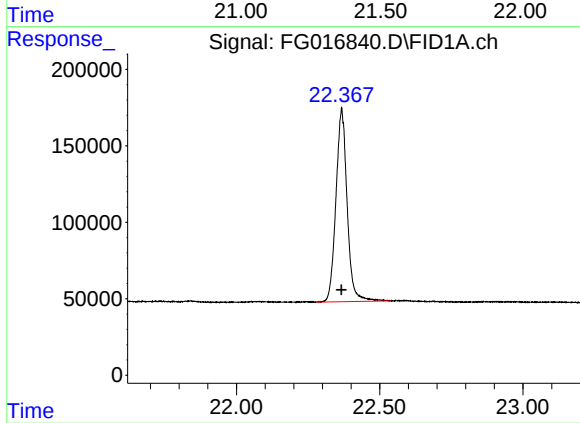
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 4465590
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.382 min
Delta R.T.: 0.000 min
Response: 3986197
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.367 min
Delta R.T.: 0.000 min
Response: 3426170
Conc: 50.00 ug/ml