

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081219\  
 Data File : FG005627.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Aug 2019 14:21  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Ankita  
 8/14/2019 9:38:48 AM

Integration File: autoint1.e  
 Quant Time: Aug 13 00:53:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Quant Title :  
 QLast Update : Thu Aug 08 16:03:53 2019  
 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... | 14.766 | 5830807  | 45.639 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.344  | 6564112  | 47.126 ug/ml  |
| 2) N-DECANE                   | 4.460  | 7496467  | 52.674 ug/ml  |
| 3) N-DODECANE                 | 6.491  | 7596045  | 51.851 ug/ml  |
| 4) N-TETRADECANE              | 8.293  | 7478732  | 50.452 ug/ml  |
| 5) N-HEXADECANE               | 9.901  | 7365023  | 49.034 ug/ml  |
| 6) N-OCTADECANE               | 11.348 | 7144960  | 47.893 ug/ml  |
| 7) N-EICOSANE                 | 12.663 | 7013897  | 46.763 ug/ml  |
| 8) N-DOCOSANE                 | 13.864 | 6782656  | 45.959 ug/ml  |
| 10) N-TETRACOSANE             | 14.971 | 6621270  | 45.559 ug/ml  |
| 11) N-HEXACOSANE              | 15.994 | 6471747  | 45.089 ug/ml  |
| 12) N-OCTACOSANE              | 16.948 | 6468864  | 42.792 ug/ml  |
| 13) N-TRIACONTANE             | 17.837 | 6391208  | 42.257 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.673 | 6348269  | 47.410 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.460 | 6329707  | 51.241 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.205 | 6240936  | 54.130 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.966 | 6720818  | 64.370 ug/mlm |
| 18) N-TETRACONTANE            | 21.923 | 5993808  | 57.635 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081219\  
Data File : FG005627.D  
Signal(s) : FID1A.ch  
Acq On : 12 Aug 2019 14:21  
Operator : DD\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

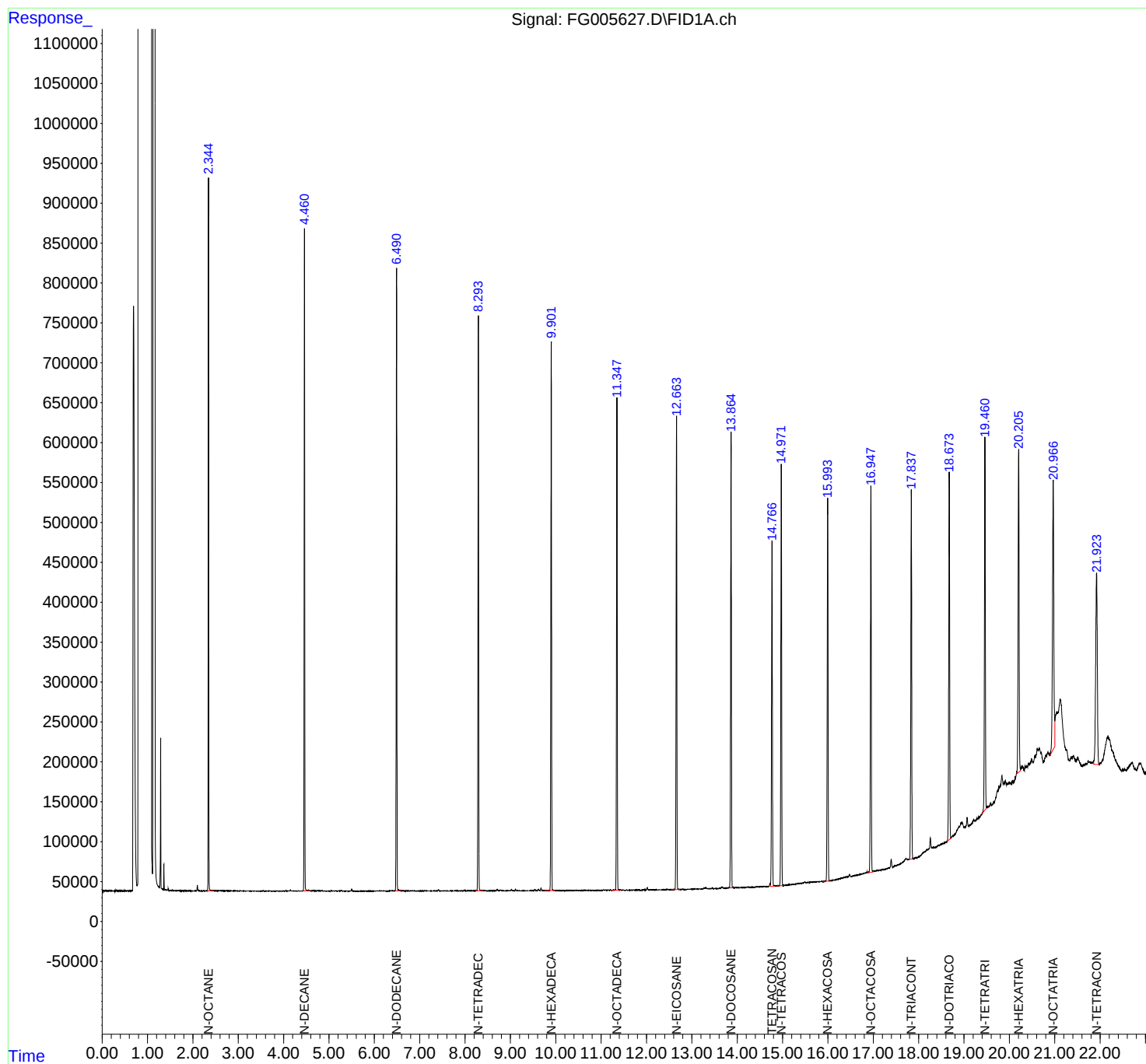
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

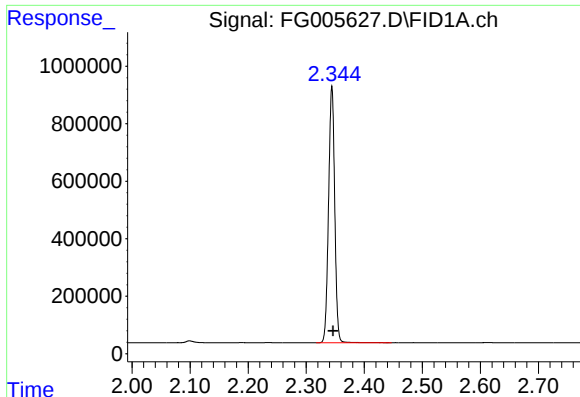
Manual Integrations  
APPROVED

Ankita  
8/14/2019 9:38:48 AM

Integration File: autoint1.e  
Quant Time: Aug 13 00:53:28 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
Quant Title :  
QLast Update : Thu Aug 08 16:03:53 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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





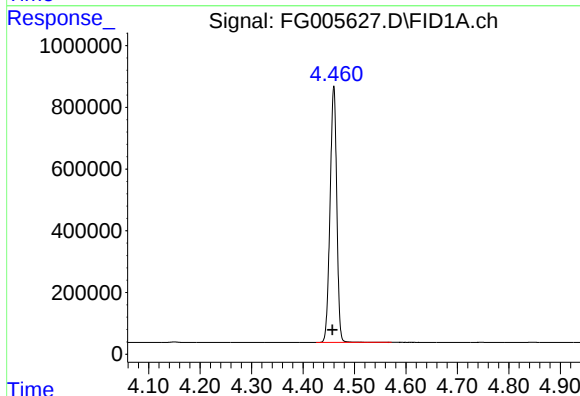
#1 N-OCTANE

R.T.: 2.344 min  
Delta R.T.: -0.002 min  
Response: 6564112  
Conc: 47.13 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

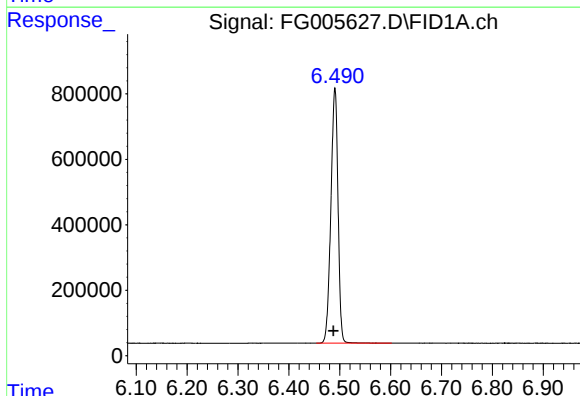
Manual Integrations  
APPROVED

Ankita  
8/14/2019 9:38:48 AM



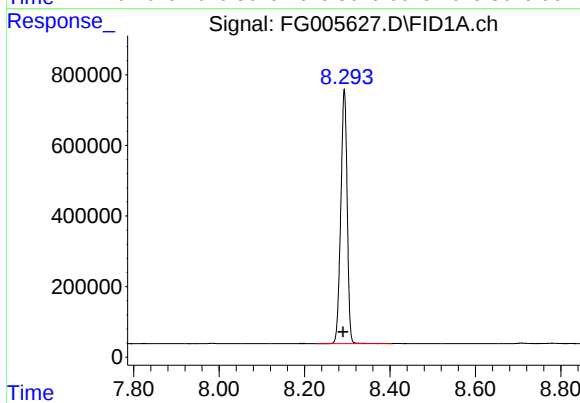
#2 N-DECANE

R.T.: 4.460 min  
Delta R.T.: 0.003 min  
Response: 7496467  
Conc: 52.67 ug/ml



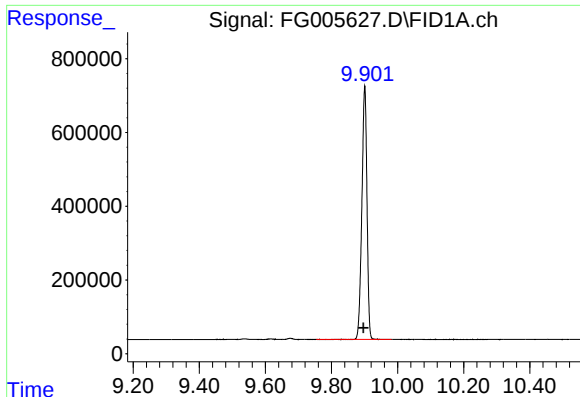
#3 N-DODECANE

R.T.: 6.491 min  
Delta R.T.: 0.003 min  
Response: 7596045  
Conc: 51.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.293 min  
Delta R.T.: 0.003 min  
Response: 7478732  
Conc: 50.45 ug/ml



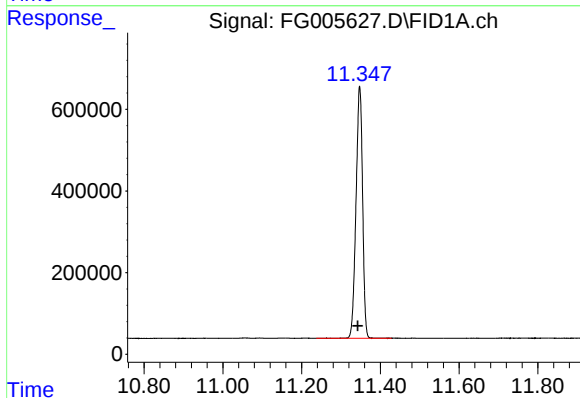
#5 N-HEXADECANE

R.T.: 9.901 min  
Delta R.T.: 0.004 min  
Response: 7365023  
Conc: 49.03 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

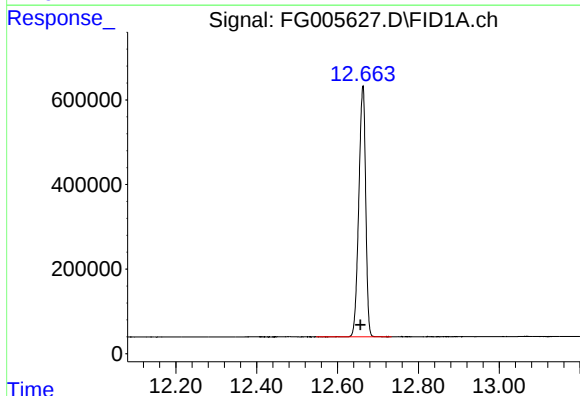
Manual Integrations  
APPROVED

Ankita  
8/14/2019 9:38:48 AM



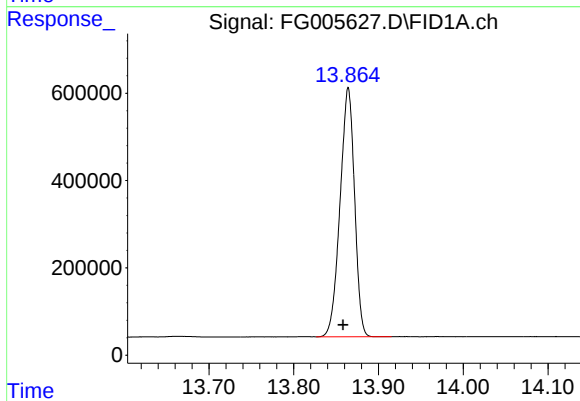
#6 N-OCTADECANE

R.T.: 11.348 min  
Delta R.T.: 0.005 min  
Response: 7144960  
Conc: 47.89 ug/ml



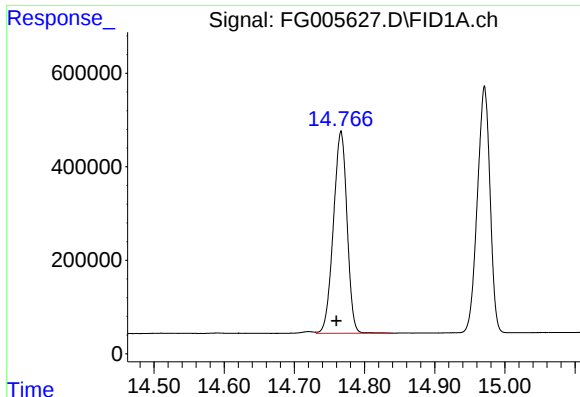
#7 N-EICOSANE

R.T.: 12.663 min  
Delta R.T.: 0.006 min  
Response: 7013897  
Conc: 46.76 ug/ml



#8 N-DOCOSANE

R.T.: 13.864 min  
Delta R.T.: 0.006 min  
Response: 6782656  
Conc: 45.96 ug/ml



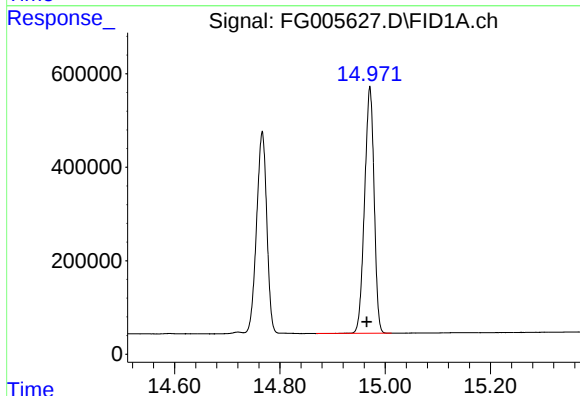
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.766 min  
Delta R.T.: 0.007 min  
Response: 5830807  
Conc: 45.64 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

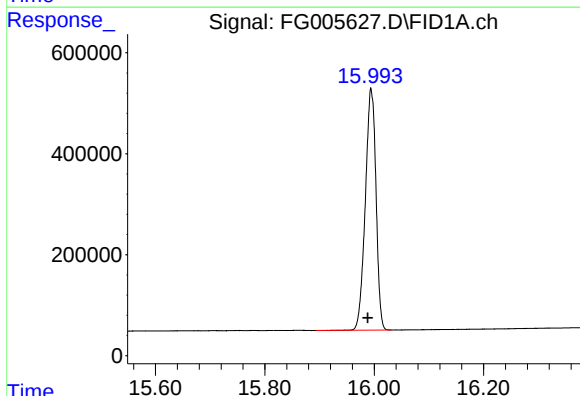
Manual Integrations  
APPROVED

Ankita  
8/14/2019 9:38:48 AM



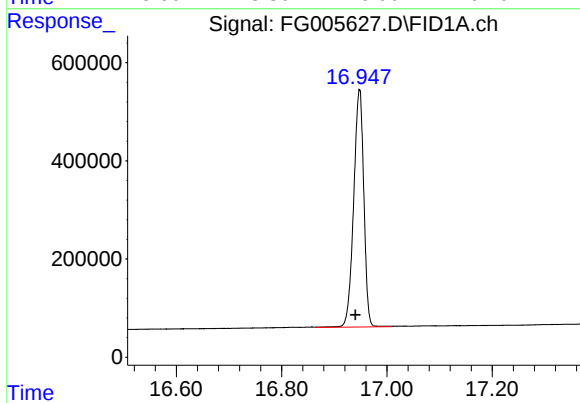
#10 N-TETRACOSANE

R.T.: 14.971 min  
Delta R.T.: 0.006 min  
Response: 6621270  
Conc: 45.56 ug/ml



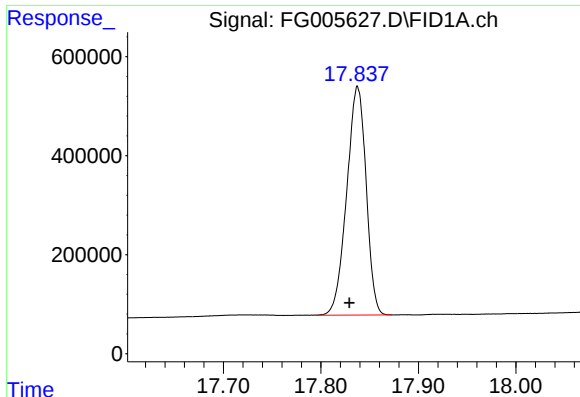
#11 N-HEXACOSANE

R.T.: 15.994 min  
Delta R.T.: 0.006 min  
Response: 6471747  
Conc: 45.09 ug/ml



#12 N-OCTACOSANE

R.T.: 16.948 min  
Delta R.T.: 0.008 min  
Response: 6468864  
Conc: 42.79 ug/ml



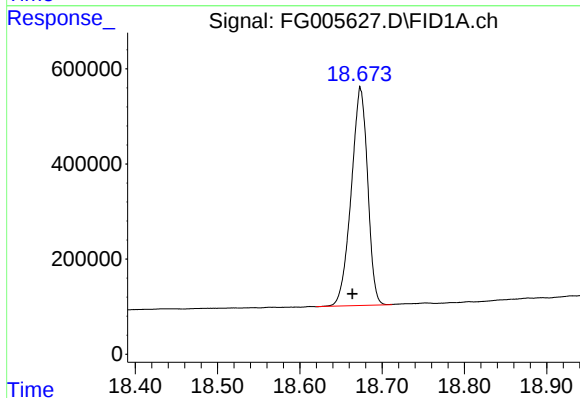
#13 N-TRIACONTANE

R.T.: 17.837 min  
Delta R.T.: 0.008 min  
Response: 6391208  
Conc: 42.26 ug/ml m

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

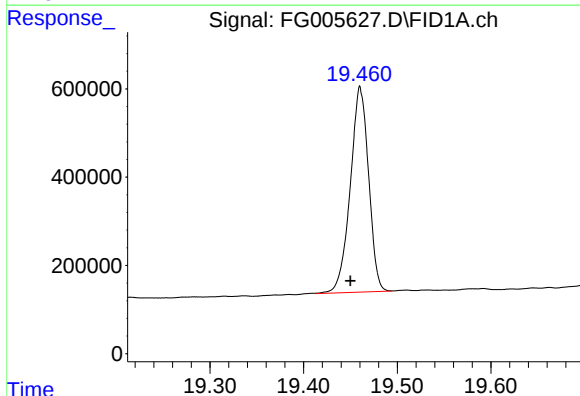
Manual Integrations  
APPROVED

Ankita  
8/14/2019 9:38:48 AM



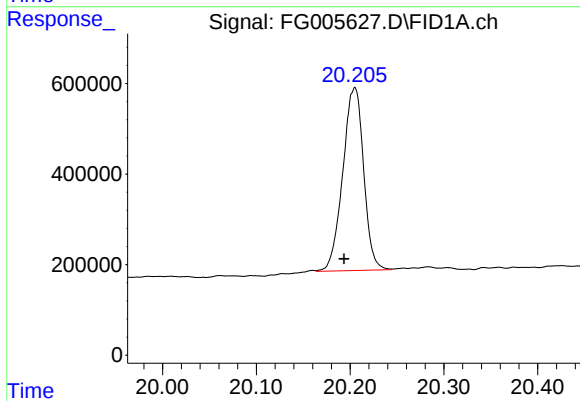
#14 N-DOTRIACONTANE

R.T.: 18.673 min  
Delta R.T.: 0.009 min  
Response: 6348269  
Conc: 47.41 ug/ml m



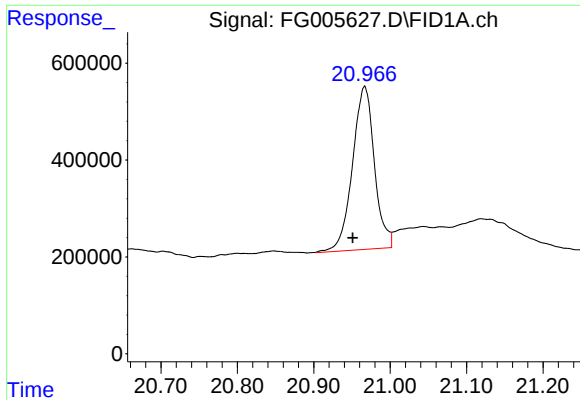
#15 N-TETRATRIACONTANE

R.T.: 19.460 min  
Delta R.T.: 0.010 min  
Response: 6329707  
Conc: 51.24 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.205 min  
Delta R.T.: 0.011 min  
Response: 6240936  
Conc: 54.13 ug/ml m



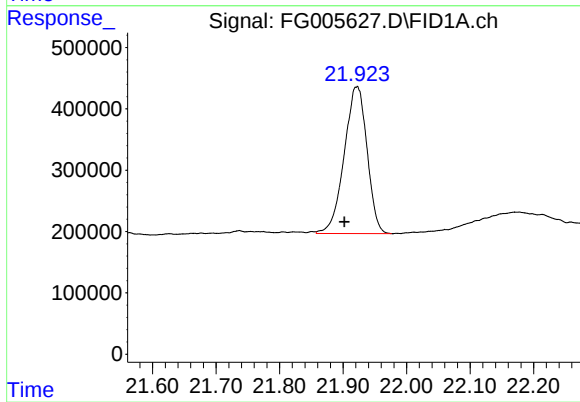
#17 N-OCTATRIACONTANE

R.T.: 20.966 min  
Delta R.T.: 0.015 min  
Response: 6720818  
Conc: 64.37 ug/ml m

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

Manual Integrations  
APPROVED

Ankita  
8/14/2019 9:38:48 AM



#18 N-TETRACONTANE

R.T.: 21.923 min  
Delta R.T.: 0.020 min  
Response: 5993808  
Conc: 57.63 ug/ml m