

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG040422\  
 Data File : FG009505.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Apr 2022 11:14  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/05/2022  
 Supervised By :mohammad ahmed 04/06/2022

Integration File: Sample.e  
 Quant Time: Apr 05 01:32:25 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040122.M  
 Quant Title :  
 QLast Update : Fri Apr 01 13:54:05 2022  
 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... | 14.631 | 6898526  | 53.549 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.231  | 7599134  | 52.014 ug/ml  |
| 2) N-DECANE                   | 4.327  | 7973311  | 53.702 ug/ml  |
| 3) N-DODECANE                 | 6.355  | 8083944  | 53.638 ug/ml  |
| 4) N-TETRADECANE              | 8.156  | 8194495  | 53.496 ug/ml  |
| 5) N-HEXADECANE               | 9.761  | 8238484  | 53.386 ug/ml  |
| 6) N-OCTADECANE               | 11.210 | 8398598  | 53.380 ug/ml  |
| 7) N-EICOSANE                 | 12.524 | 8097656  | 53.465 ug/ml  |
| 8) N-DOCOSANE                 | 13.727 | 7909321  | 53.595 ug/ml  |
| 10) N-TETRACOSANE             | 14.835 | 7691610  | 53.654 ug/ml  |
| 11) N-HEXACOSANE              | 15.860 | 7365843  | 53.620 ug/ml  |
| 12) N-OCTACOSANE              | 16.812 | 6981560  | 53.494 ug/ml  |
| 13) N-TRIACONTANE             | 17.704 | 6564713  | 53.164 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.540 | 6124072  | 52.758 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.326 | 5554165  | 52.235 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.069 | 4879269  | 51.527 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.811 | 4517709  | 52.463 ug/ml  |
| 18) N-TETRACONTANE            | 21.724 | 4274788  | 49.531 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 3 Sample Multiplier: 1

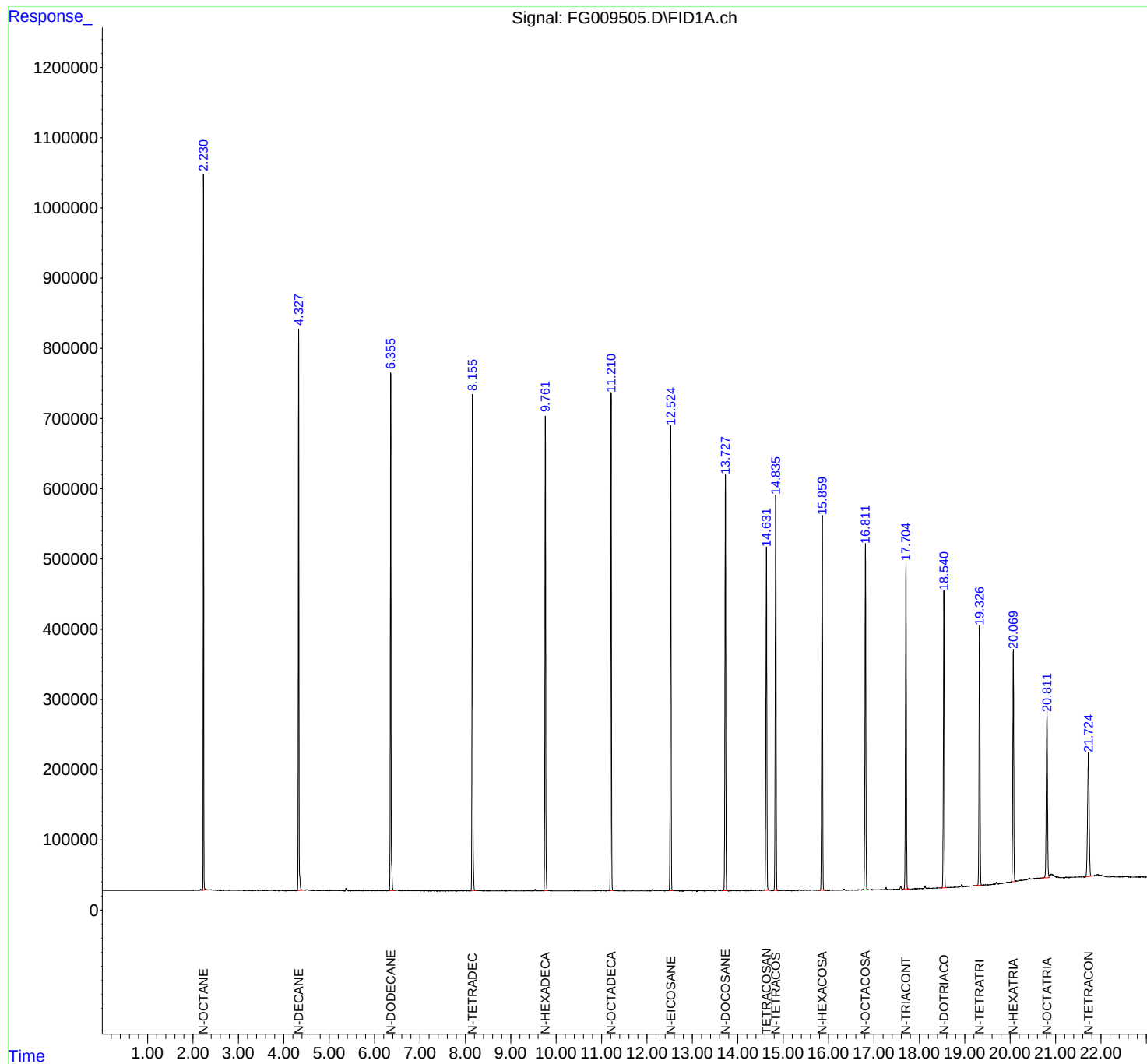
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

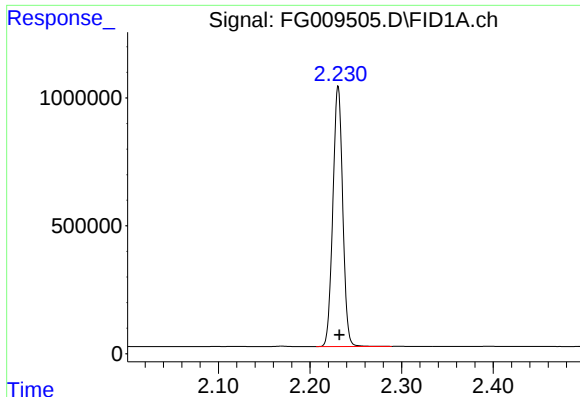
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Signal Info : 20mx0.18mmx0.18um





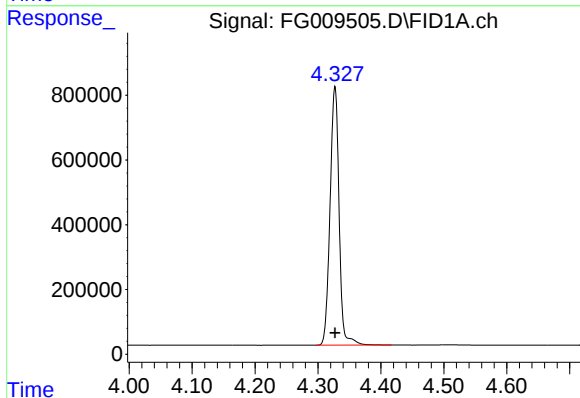
#1 N-OCTANE

R.T.: 2.231 min  
Delta R.T.: -0.001 min  
Response: 7599134  
Conc: 52.01 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

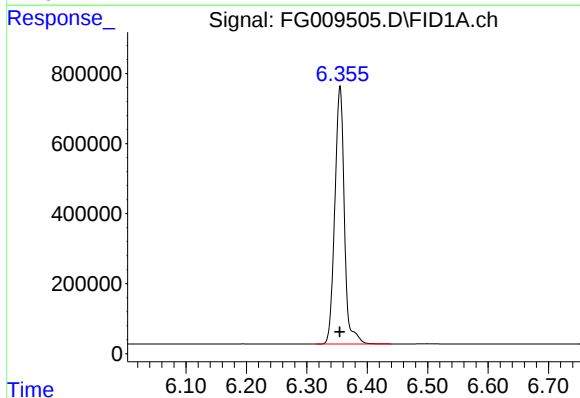
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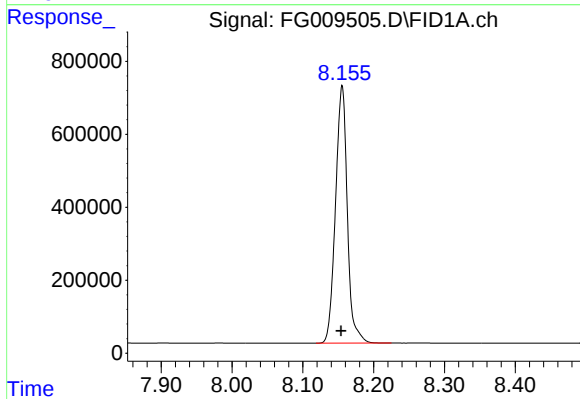
#2 N-DECANE

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 7973311  
Conc: 53.70 ug/ml



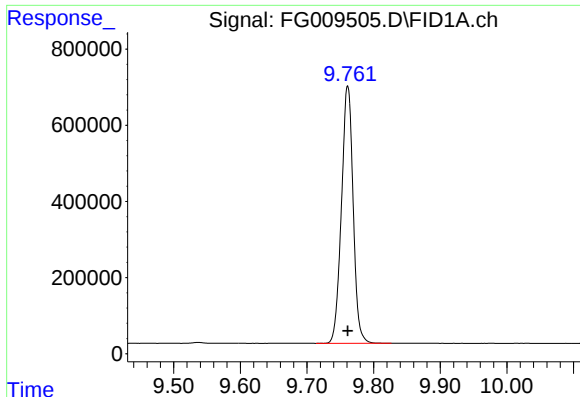
#3 N-DODECANE

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 8083944  
Conc: 53.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.156 min  
Delta R.T.: 0.001 min  
Response: 8194495  
Conc: 53.50 ug/ml



#5 N-HEXADECANE

R.T.: 9.761 min  
Delta R.T.: 0.000 min  
Response: 8238484  
Conc: 53.39 ug/ml

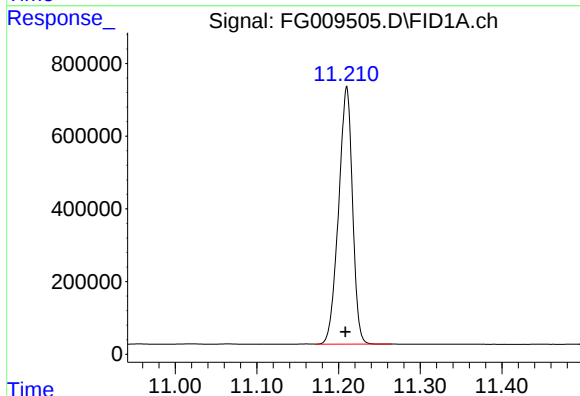
Instrument :

FID\_G

ClientSampleId :  
50 PPM TRPH STD

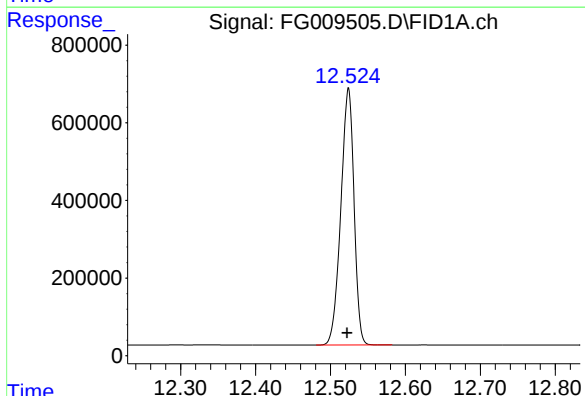
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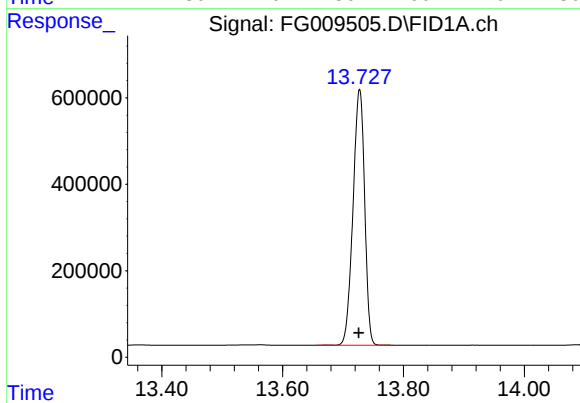
#6 N-OCTADECANE

R.T.: 11.210 min  
Delta R.T.: 0.002 min  
Response: 8398598  
Conc: 53.38 ug/ml



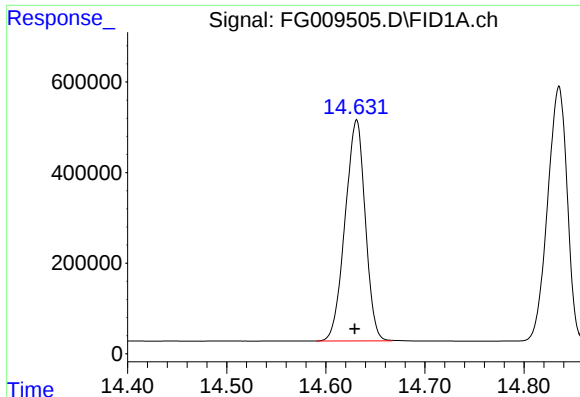
#7 N-EICOSANE

R.T.: 12.524 min  
Delta R.T.: 0.002 min  
Response: 8097656  
Conc: 53.47 ug/ml



#8 N-DOCOSANE

R.T.: 13.727 min  
Delta R.T.: 0.002 min  
Response: 7909321  
Conc: 53.59 ug/ml



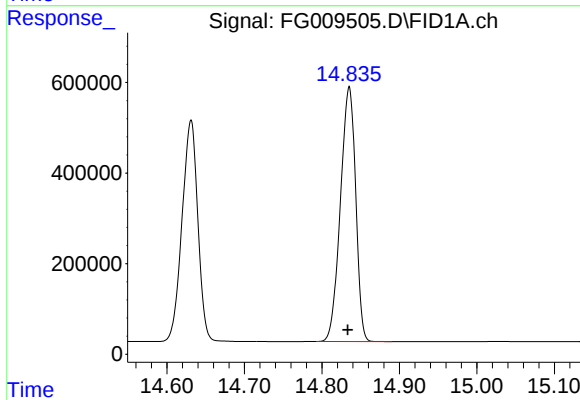
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.631 min  
Delta R.T.: 0.002 min  
Response: 6898526  
Conc: 53.55 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

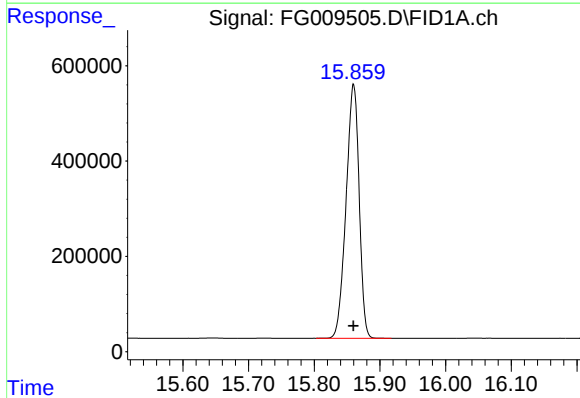
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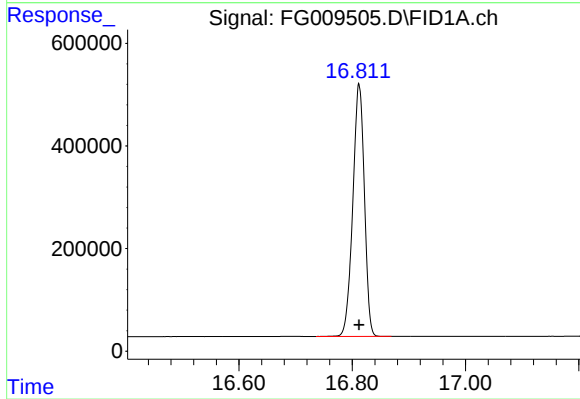
#10 N-TETRACOSANE

R.T.: 14.835 min  
Delta R.T.: 0.002 min  
Response: 7691610  
Conc: 53.65 ug/ml



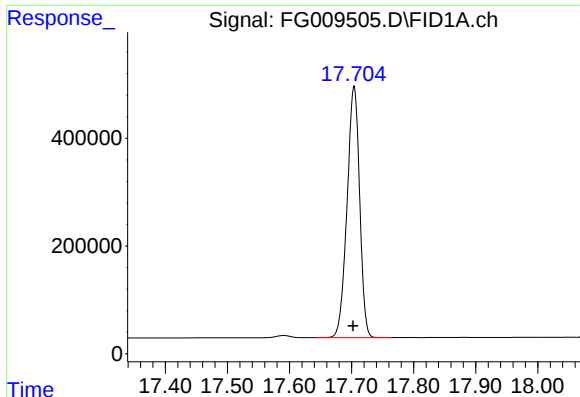
#11 N-HEXACOSANE

R.T.: 15.860 min  
Delta R.T.: 0.000 min  
Response: 7365843  
Conc: 53.62 ug/ml



#12 N-OCTACOSANE

R.T.: 16.812 min  
Delta R.T.: 0.000 min  
Response: 6981560  
Conc: 53.49 ug/ml



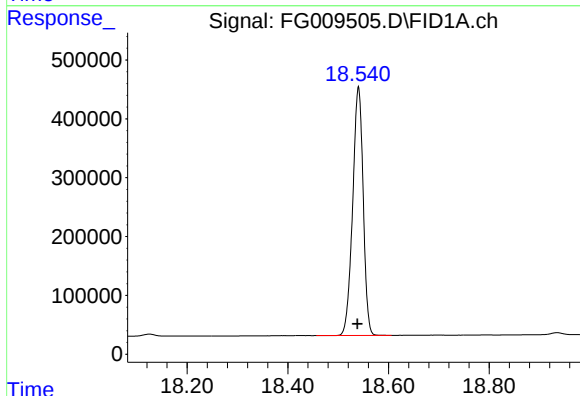
#13 N-TRIACONTANE

R.T.: 17.704 min  
Delta R.T.: 0.002 min  
Response: 6564713  
Conc: 53.16 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

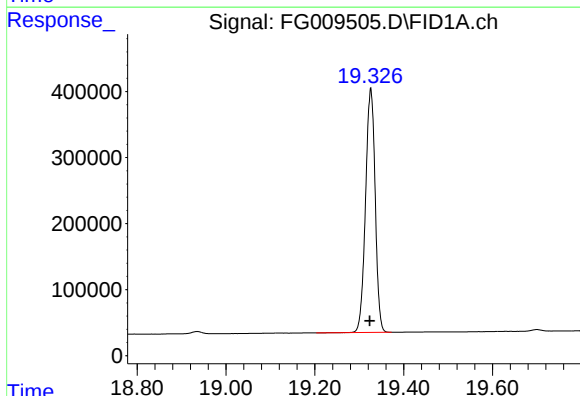
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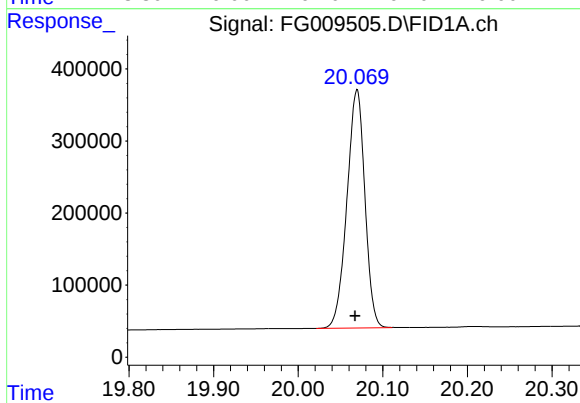
#14 N-DOTRIACONTANE

R.T.: 18.540 min  
Delta R.T.: 0.002 min  
Response: 6124072  
Conc: 52.76 ug/ml



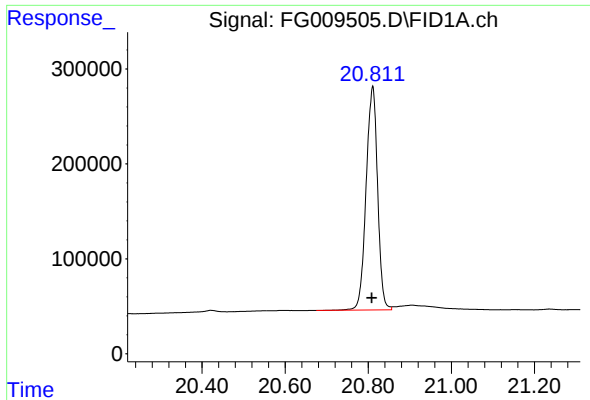
#15 N-TETRATRIACONTANE

R.T.: 19.326 min  
Delta R.T.: 0.002 min  
Response: 5554165  
Conc: 52.23 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.069 min  
Delta R.T.: 0.002 min  
Response: 4879269  
Conc: 51.53 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.811 min  
Delta R.T.: 0.002 min  
Response: 4517709  
Conc: 52.46 ug/ml

Instrument :

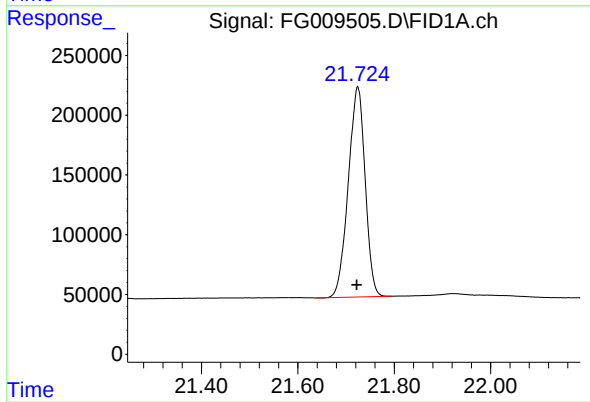
FID\_G

ClientSampleId :  
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#18 N-TETRACONTANE

R.T.: 21.724 min  
Delta R.T.: 0.002 min  
Response: 4274788  
Conc: 49.53 ug/ml