

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090822\  
 Data File : FG010533.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Sep 2022 19:39  
 Operator : YP\AJ  
 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 09/09/2022  
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: Sample.e  
 Quant Time: Sep 09 07:56:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG082622.M  
 Quant Title :  
 QLast Update : Fri Aug 26 23:48:05 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... | 14.787 | 5660699  | 46.253 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 1.809  | 6272086  | 49.839 ug/ml  |
| 2) N-DECANE                   | 4.313  | 6586234  | 51.383 ug/ml  |
| 3) N-DODECANE                 | 6.494  | 6648499  | 50.517 ug/ml  |
| 4) N-TETRADECANE              | 8.325  | 6690654  | 49.432 ug/ml  |
| 5) N-HEXADECANE               | 9.933  | 6768317  | 48.303 ug/ml  |
| 6) N-OCTADECANE               | 11.376 | 6799176  | 47.621 ug/ml  |
| 7) N-EICOSANE                 | 12.687 | 6715535  | 47.034 ug/ml  |
| 8) N-DOCOSANE                 | 13.886 | 6499461  | 46.640 ug/ml  |
| 10) N-TETRACOSANE             | 14.990 | 6416835  | 46.310 ug/ml  |
| 11) N-HEXACOSANE              | 16.012 | 6220518  | 45.853 ug/ml  |
| 12) N-OCTACOSANE              | 16.962 | 6053285  | 45.774 ug/ml  |
| 13) N-TRIACONTANE             | 17.851 | 5967686  | 46.055 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.686 | 5937719  | 46.443 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.469 | 5956660  | 48.151 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.209 | 5768126  | 49.696 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.923 | 6041915  | 52.604 ug/mlm |
| 18) N-TETRACONTANE            | 21.763 | 6779506  | 57.502 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 3 Sample Multiplier: 1

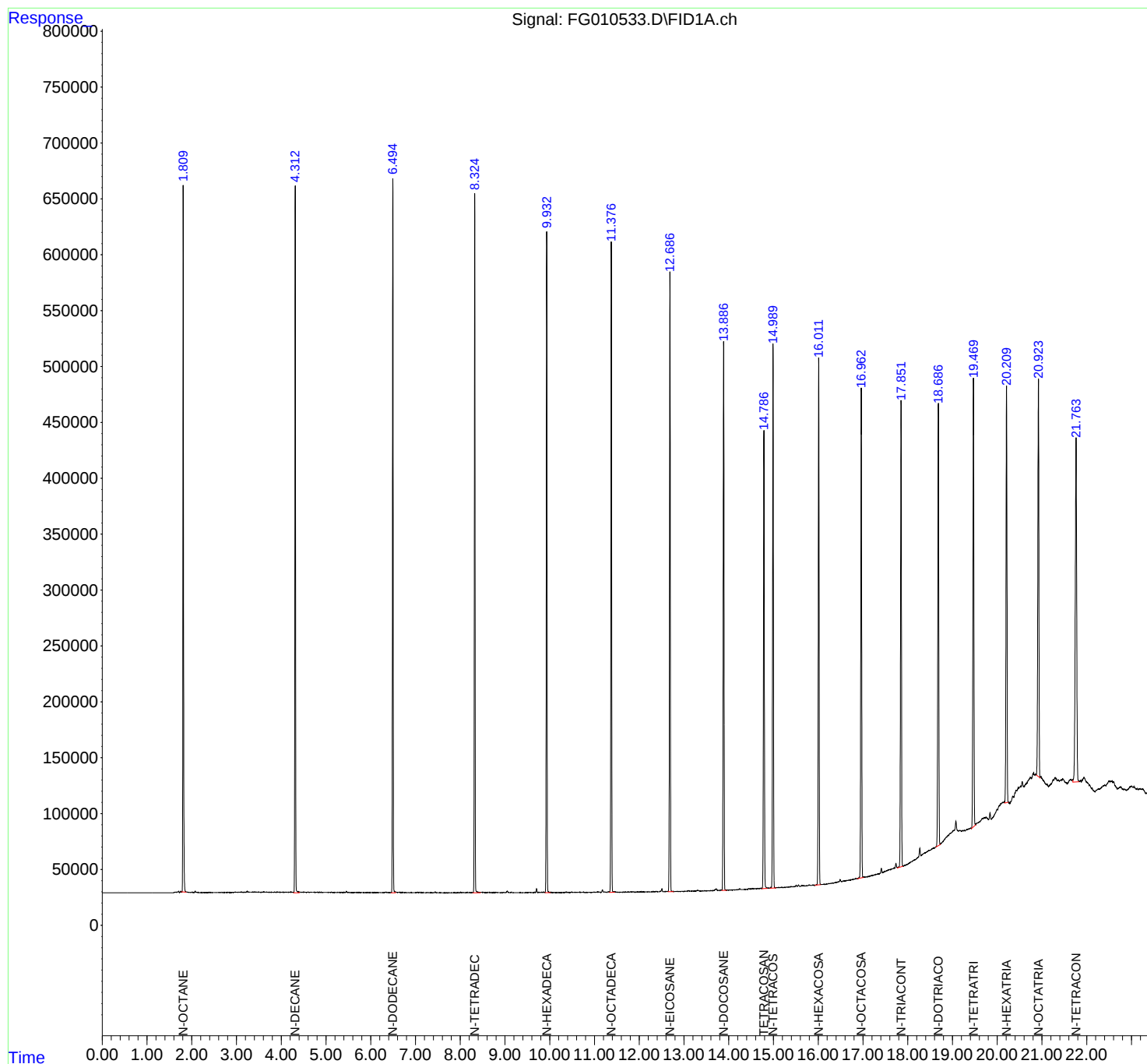
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

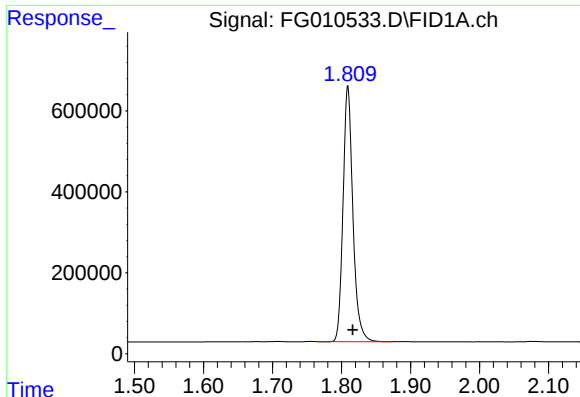
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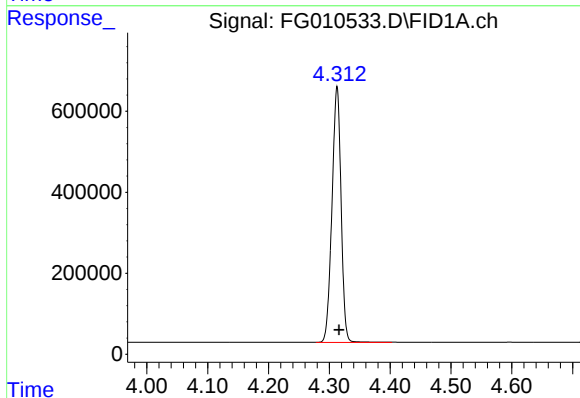
#1 N-OCTANE

R.T.: 1.809 min  
Delta R.T.: -0.007 min  
Response: 6272086  
Conc: 49.84 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

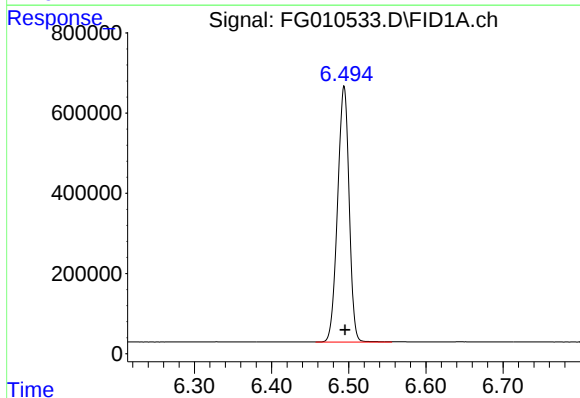
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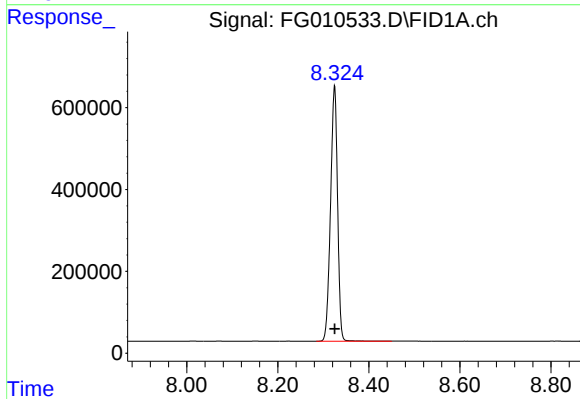
#2 N-DECANE

R.T.: 4.313 min  
Delta R.T.: -0.003 min  
Response: 6586234  
Conc: 51.38 ug/ml



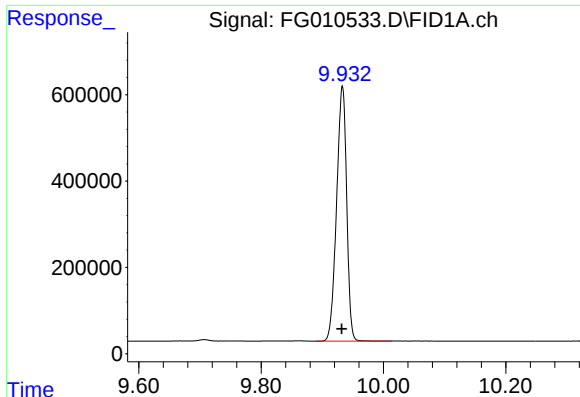
#3 N-DODECANE

R.T.: 6.494 min  
Delta R.T.: -0.001 min  
Response: 6648499  
Conc: 50.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.325 min  
Delta R.T.: 0.000 min  
Response: 6690654  
Conc: 49.43 ug/ml



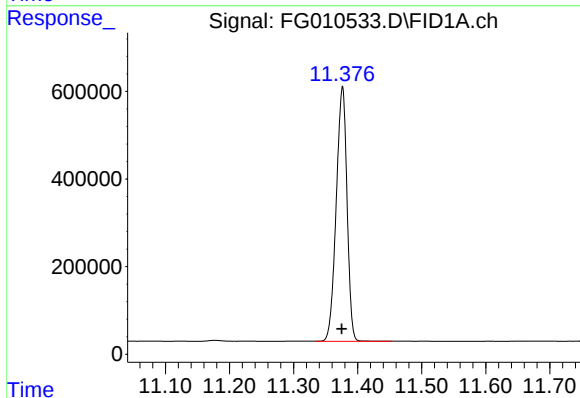
#5 N-HEXADECANE

R.T.: 9.933 min  
Delta R.T.: 0.001 min  
Response: 6768317  
Conc: 48.30 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

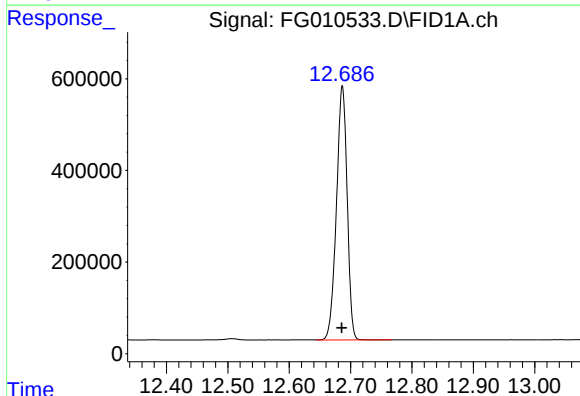
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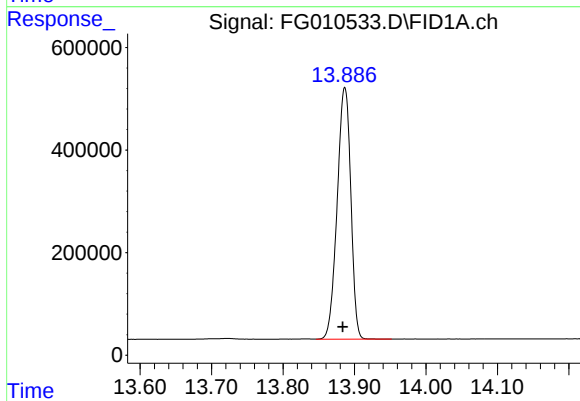
#6 N-OCTADECANE

R.T.: 11.376 min  
Delta R.T.: 0.001 min  
Response: 6799176  
Conc: 47.62 ug/ml



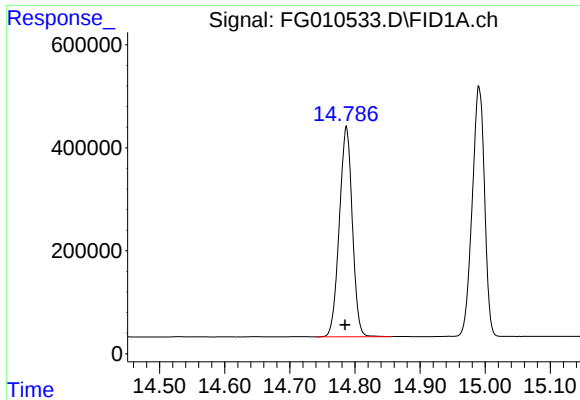
#7 N-EICOSANE

R.T.: 12.687 min  
Delta R.T.: 0.001 min  
Response: 6715535  
Conc: 47.03 ug/ml



#8 N-DOCOSANE

R.T.: 13.886 min  
Delta R.T.: 0.003 min  
Response: 6499461  
Conc: 46.64 ug/ml



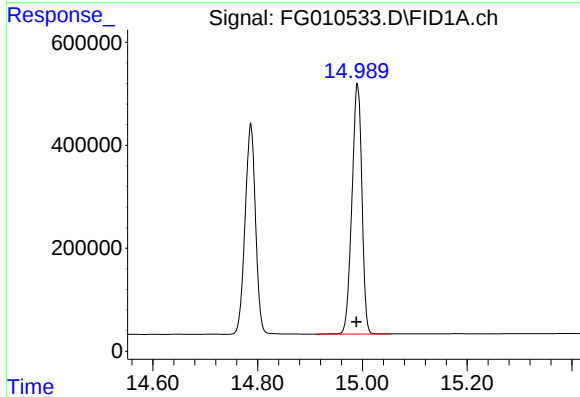
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.787 min  
Delta R.T.: 0.002 min  
Response: 5660699  
Conc: 46.25 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

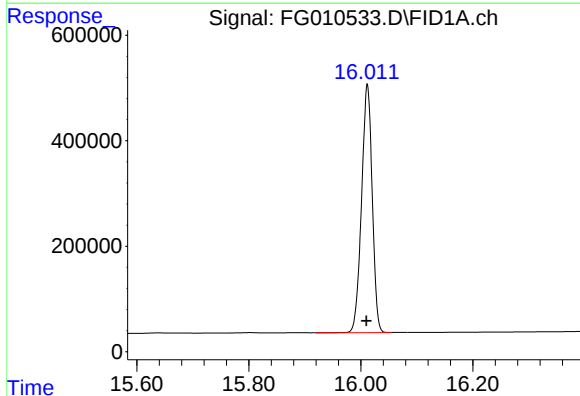
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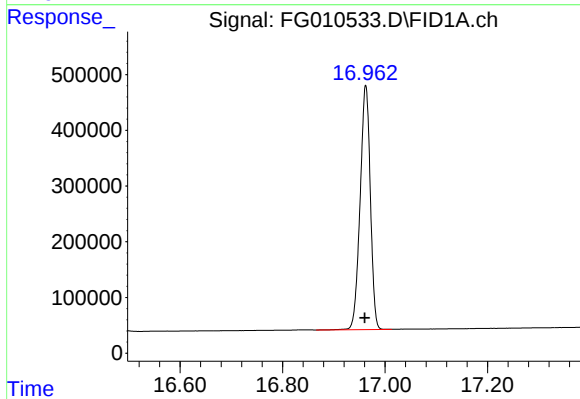
#10 N-TETRACOSANE

R.T.: 14.990 min  
Delta R.T.: 0.002 min  
Response: 6416835  
Conc: 46.31 ug/ml



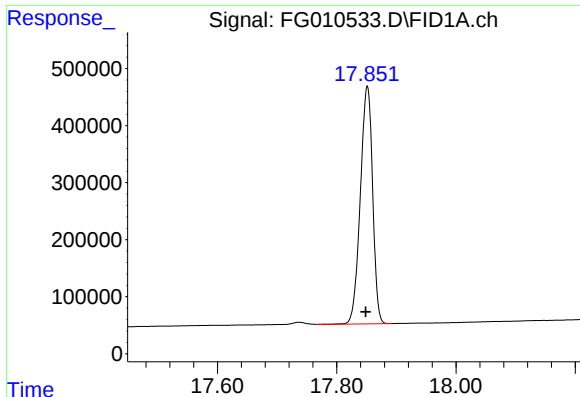
#11 N-HEXACOSANE

R.T.: 16.012 min  
Delta R.T.: 0.001 min  
Response: 6220518  
Conc: 45.85 ug/ml



#12 N-OCTACOSANE

R.T.: 16.962 min  
Delta R.T.: 0.002 min  
Response: 6053285  
Conc: 45.77 ug/ml



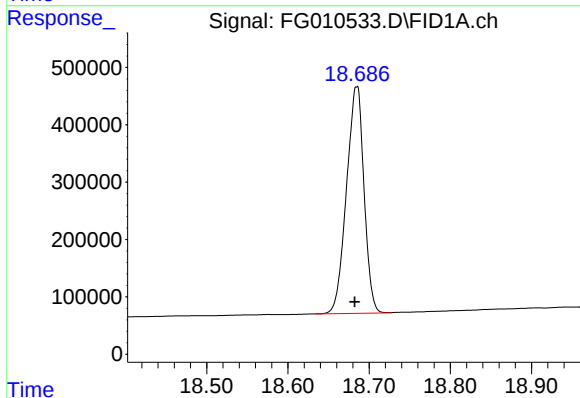
#13 N-TRIACONTANE

R.T.: 17.851 min  
Delta R.T.: 0.003 min  
Response: 5967686  
Conc: 46.06 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

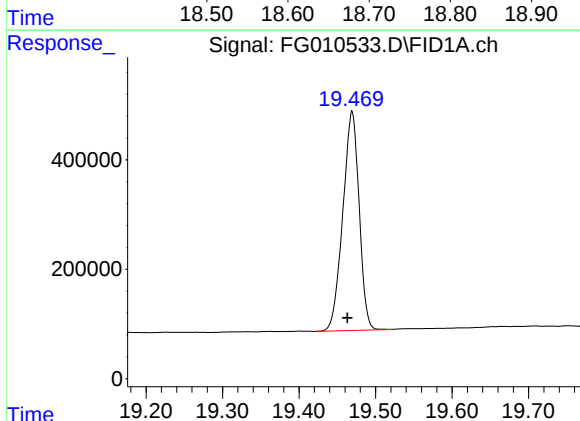
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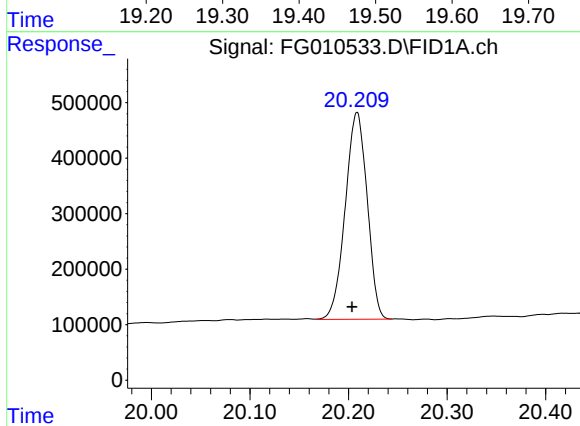
#14 N-DOTRIACONTANE

R.T.: 18.686 min  
Delta R.T.: 0.003 min  
Response: 5937719  
Conc: 46.44 ug/ml m



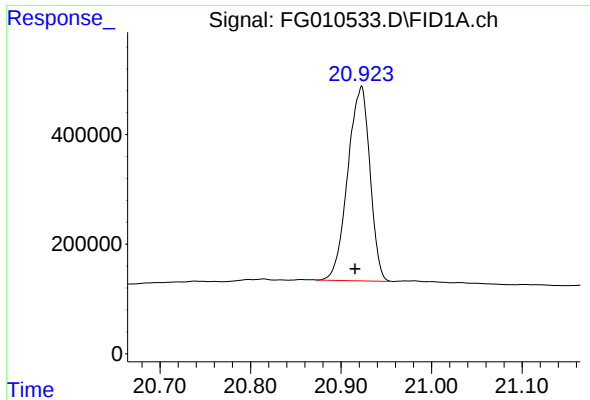
#15 N-TETRATRIACONTANE

R.T.: 19.469 min  
Delta R.T.: 0.005 min  
Response: 5956660  
Conc: 48.15 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.209 min  
Delta R.T.: 0.005 min  
Response: 5768126  
Conc: 49.70 ug/ml m



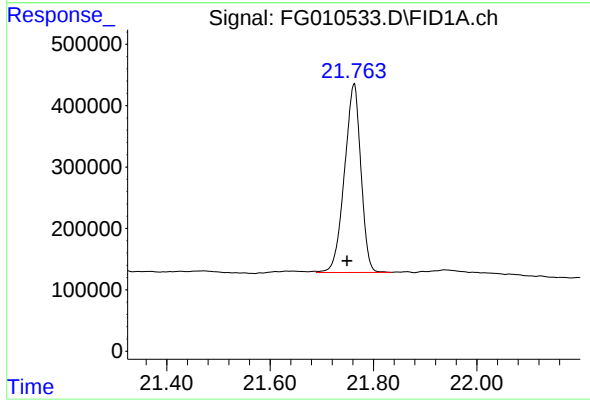
#17 N-OCTATRIACONTANE

R.T.: 20.923 min  
Delta R.T.: 0.007 min  
Response: 6041915  
Conc: 52.60 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.763 min  
Delta R.T.: 0.014 min  
Response: 6779506  
Conc: 57.50 ug/ml m