

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012020\  
 Data File : FF006236.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Jan 2020 11:54  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
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 1/21/2020 11:04:05 AM

Integration File: autoint1.e  
 Quant Time: Jan 21 01:29:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011020.M  
 Quant Title :  
 QLast Update : Fri Jan 10 12:35:13 2020  
 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... | 14.637 | 5105561  | 47.117 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.293  | 6436623  | 52.399 ug/ml  |
| 2) N-DECANE                   | 4.390  | 6586039  | 52.841 ug/ml  |
| 3) N-DODECANE                 | 6.408  | 6588001  | 52.168 ug/ml  |
| 4) N-TETRADECANE              | 8.201  | 6443106  | 51.045 ug/ml  |
| 5) N-HEXADECANE               | 9.798  | 6370279  | 49.846 ug/ml  |
| 6) N-OCTADECANE               | 11.237 | 6192363  | 48.818 ug/ml  |
| 7) N-EICOSANE                 | 12.544 | 6120359  | 47.887 ug/ml  |
| 8) N-DOCOSANE                 | 13.740 | 5968789  | 47.337 ug/ml  |
| 10) N-TETRACOSANE             | 14.842 | 5862074  | 47.058 ug/ml  |
| 11) N-HEXACOSANE              | 15.859 | 5793114  | 47.123 ug/ml  |
| 12) N-OCTACOSANE              | 16.807 | 5809277  | 47.788 ug/ml  |
| 13) N-TRIACONTANE             | 17.692 | 5856325  | 48.843 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.521 | 5701113  | 49.332 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.302 | 5548545  | 49.250 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.043 | 5215489  | 48.778 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.768 | 4909286  | 53.064 ug/mlm |
| 18) N-TETRACONTANE            | 21.655 | 4905904  | 48.721 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 20 Jan 2020 11:54  
Operator : DD\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

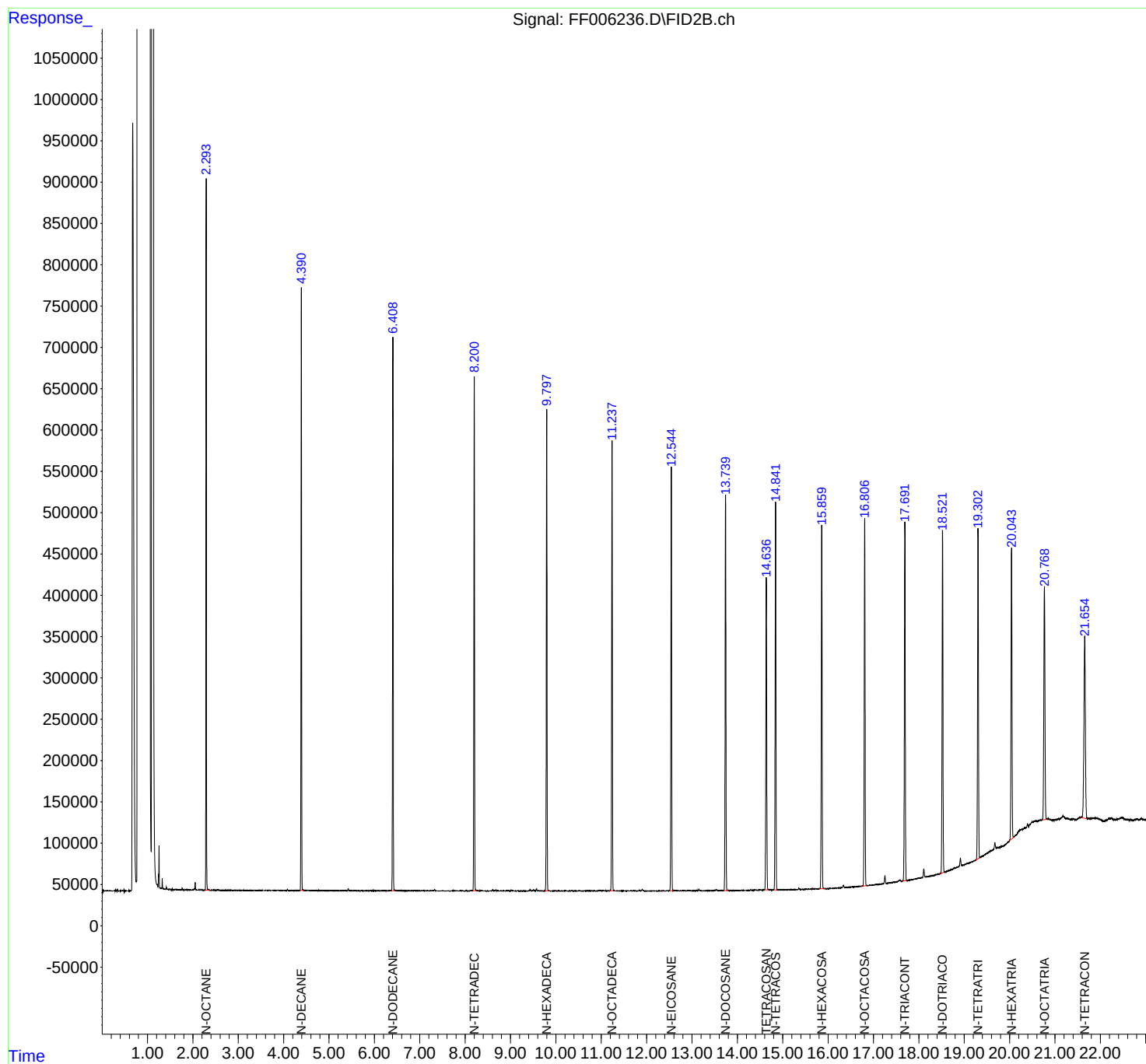
Instrument :  
FID\_F  
ClientSampled :  
50 PPM TRPH STD

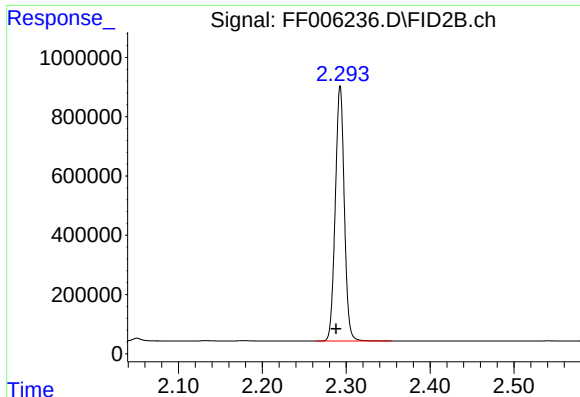
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Integration File: autoint1.e  
Quant Time: Jan 21 01:29:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011020.M  
Quant Title :  
QLast Update : Fri Jan 10 12:35:13 2020  
Response via : Initial Calibration  
Integrator: ChemStation

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





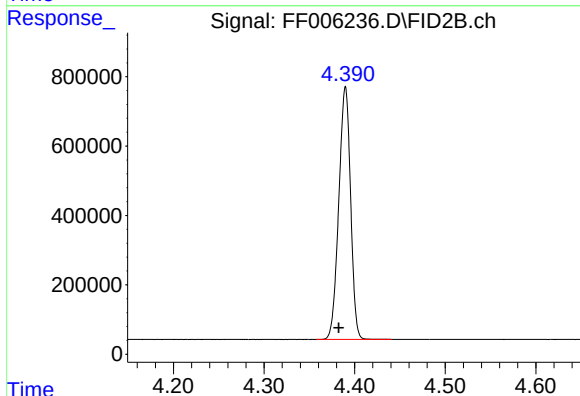
#1 N-OCTANE

R.T.: 2.293 min  
Delta R.T.: 0.005 min  
Response: 6436623  
Conc: 52.40 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

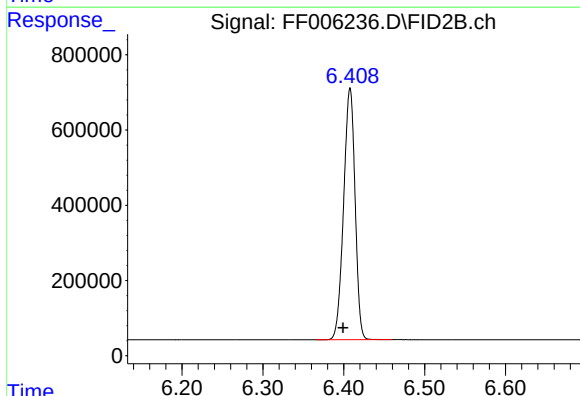
Manual Integrations  
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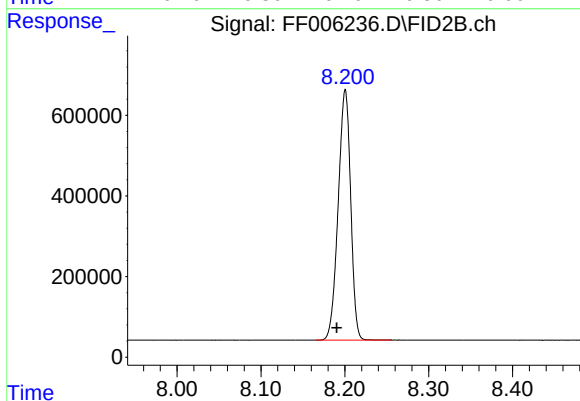
#2 N-DECANE

R.T.: 4.390 min  
Delta R.T.: 0.007 min  
Response: 6586039  
Conc: 52.84 ug/ml



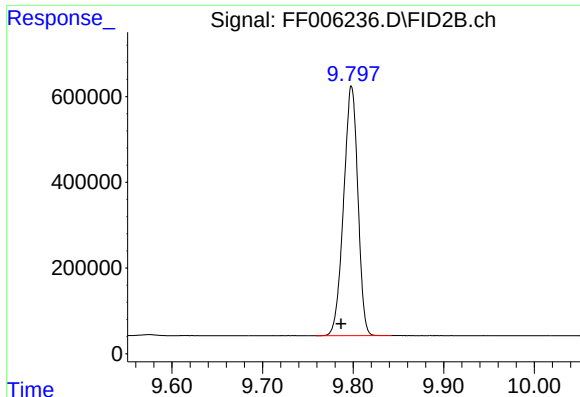
#3 N-DODECANE

R.T.: 6.408 min  
Delta R.T.: 0.009 min  
Response: 6588001  
Conc: 52.17 ug/ml



#4 N-TETRADECANE

R.T.: 8.201 min  
Delta R.T.: 0.010 min  
Response: 6443106  
Conc: 51.04 ug/ml



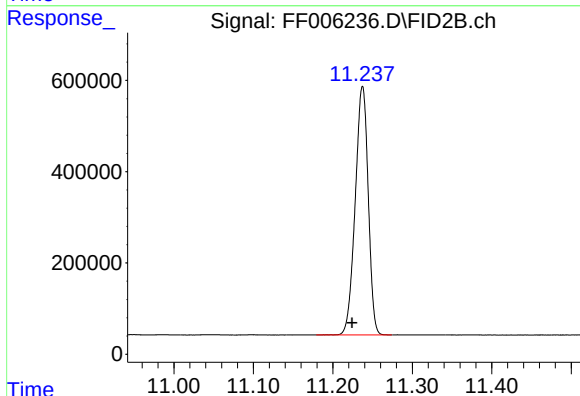
#5 N-HEXADECANE

R.T.: 9.798 min  
Delta R.T.: 0.012 min  
Response: 6370279  
Conc: 49.85 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

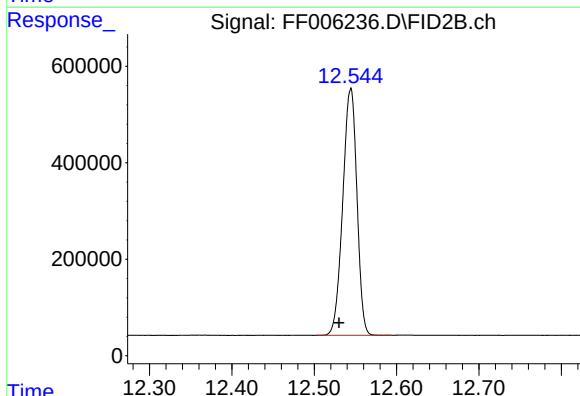
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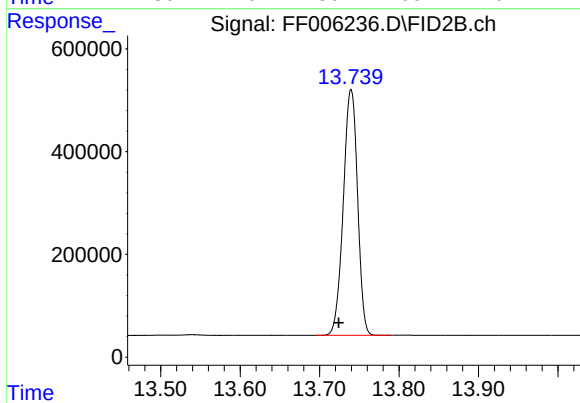
#6 N-OCTADECANE

R.T.: 11.237 min  
Delta R.T.: 0.013 min  
Response: 6192363  
Conc: 48.82 ug/ml



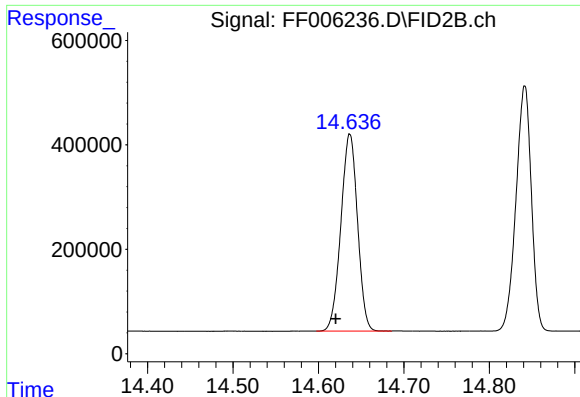
#7 N-EICOSANE

R.T.: 12.544 min  
Delta R.T.: 0.014 min  
Response: 6120359  
Conc: 47.89 ug/ml



#8 N-DOCOSANE

R.T.: 13.740 min  
Delta R.T.: 0.016 min  
Response: 5968789  
Conc: 47.34 ug/ml



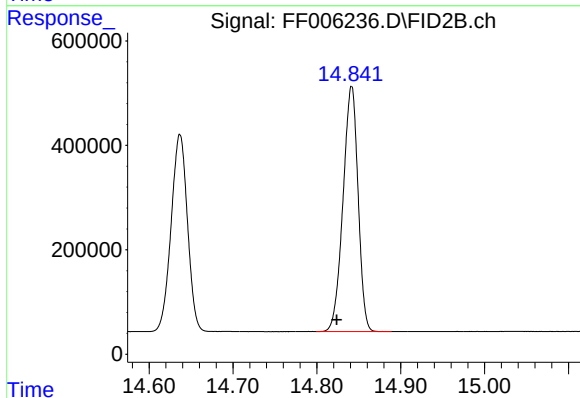
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.637 min  
Delta R.T.: 0.017 min  
Response: 5105561  
Conc: 47.12 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

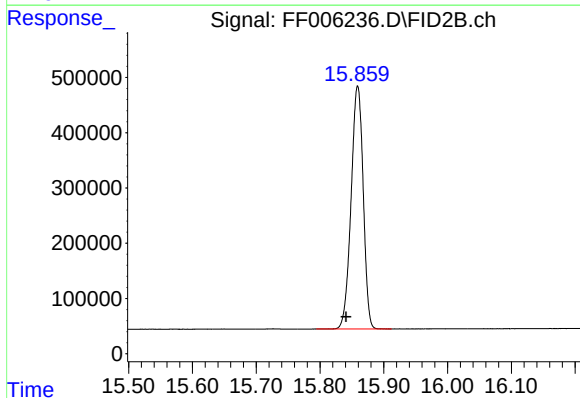
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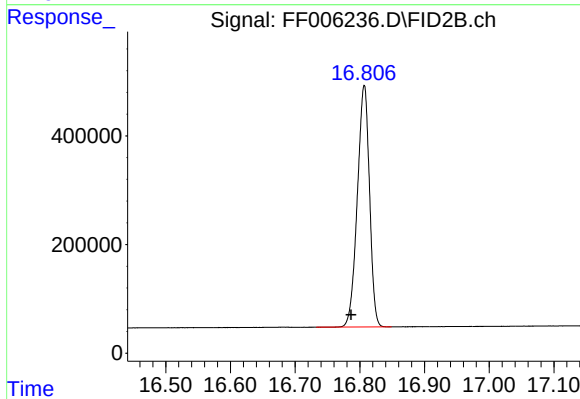
#10 N-TETRACOSANE

R.T.: 14.842 min  
Delta R.T.: 0.018 min  
Response: 5862074  
Conc: 47.06 ug/ml



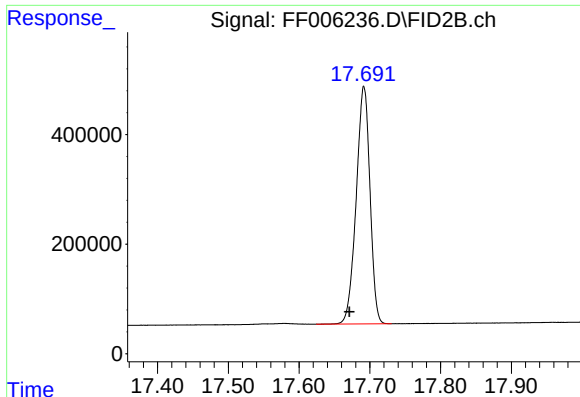
#11 N-HEXACOSANE

R.T.: 15.859 min  
Delta R.T.: 0.018 min  
Response: 5793114  
Conc: 47.12 ug/ml



#12 N-OCTACOSANE

R.T.: 16.807 min  
Delta R.T.: 0.020 min  
Response: 5809277  
Conc: 47.79 ug/ml



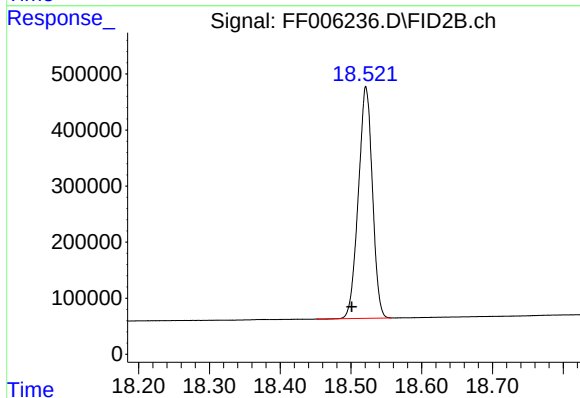
#13 N-TRIACONTANE

R.T.: 17.692 min  
Delta R.T.: 0.020 min  
Response: 5856325  
Conc: 48.84 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

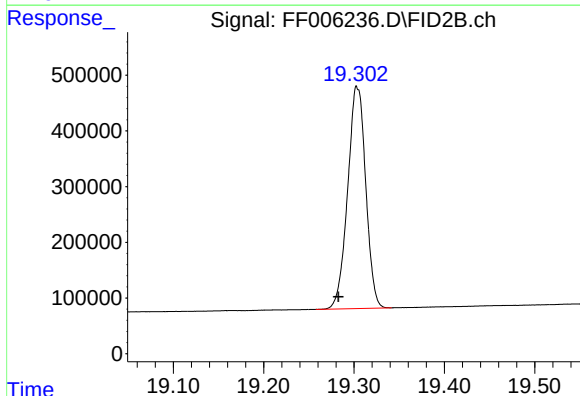
Manual Integrations  
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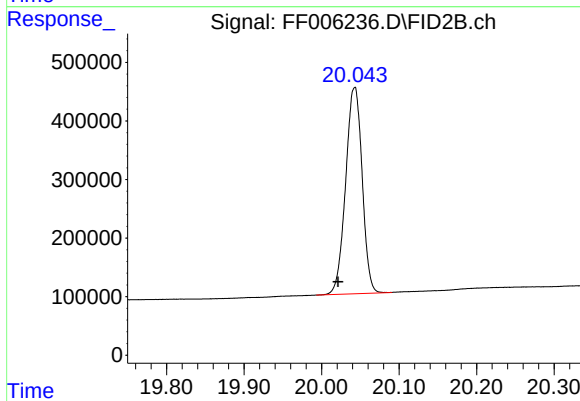
#14 N-DOTRIACONTANE

R.T.: 18.521 min  
Delta R.T.: 0.020 min  
Response: 5701113  
Conc: 49.33 ug/ml



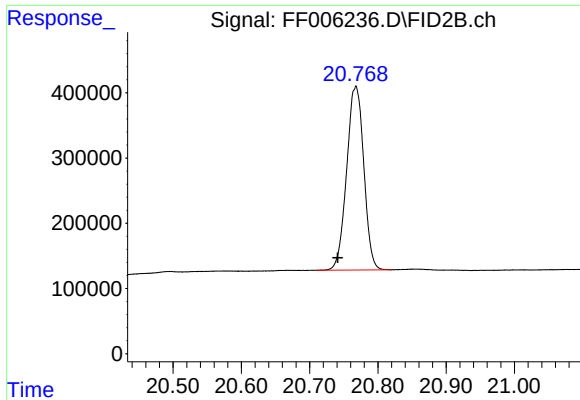
#15 N-TETRATRIACONTANE

R.T.: 19.302 min  
Delta R.T.: 0.020 min  
Response: 5548545  
Conc: 49.25 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.043 min  
Delta R.T.: 0.022 min  
Response: 5215489  
Conc: 48.78 ug/ml m



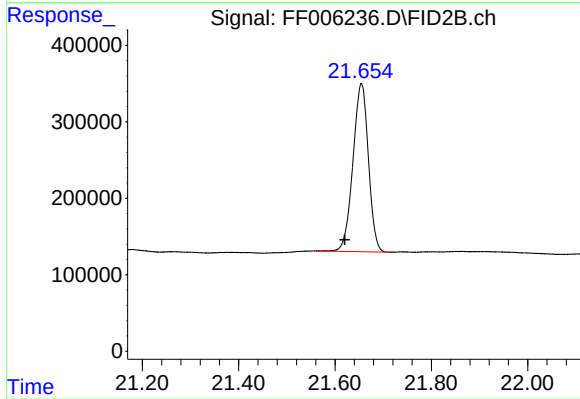
#17 N-OCTATRIACONTANE

R.T.: 20.768 min  
Delta R.T.: 0.027 min  
Response: 4909286  
Conc: 53.06 ug/ml m

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.655 min  
Delta R.T.: 0.034 min  
Response: 4905904  
Conc: 48.72 ug/ml