

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091219\  
 Data File : FF005543.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Sep 2019 22:24  
 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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Integration File: autoint1.e  
 Quant Time: Sep 13 02:27:10 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF090319.M  
 Quant Title :  
 QLast Update : Wed Sep 04 03:16:00 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... | 14.624 | 5487991  | 51.285 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.261  | 7611771  | 52.907 ug/ml  |
| 2) N-DECANE                   | 4.351  | 7431217  | 51.976 ug/ml  |
| 3) N-DODECANE                 | 6.371  | 7194911  | 50.192 ug/ml  |
| 4) N-TETRADECANE              | 8.164  | 6890087  | 48.868 ug/ml  |
| 5) N-HEXADECANE               | 9.764  | 6833783  | 48.861 ug/ml  |
| 6) N-OCTADECANE               | 11.208 | 6617815  | 49.187 ug/ml  |
| 7) N-EICOSANE                 | 12.520 | 6498430  | 49.551 ug/ml  |
| 8) N-DOCOSANE                 | 13.722 | 6347832  | 50.417 ug/ml  |
| 10) N-TETRACOSANE             | 14.829 | 6248871  | 51.096 ug/ml  |
| 11) N-HEXACOSANE              | 15.854 | 6270214  | 52.381 ug/ml  |
| 12) N-OCTACOSANE              | 16.808 | 6379729  | 53.465 ug/ml  |
| 13) N-TRIACONTANE             | 17.701 | 6465264  | 53.446 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.538 | 6354740  | 51.264 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.326 | 6226233  | 51.667 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.071 | 5810689  | 48.413 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.812 | 5349969  | 49.036 ug/ml  |
| 18) N-TETRACONTANE            | 21.713 | 5228200  | 41.122 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

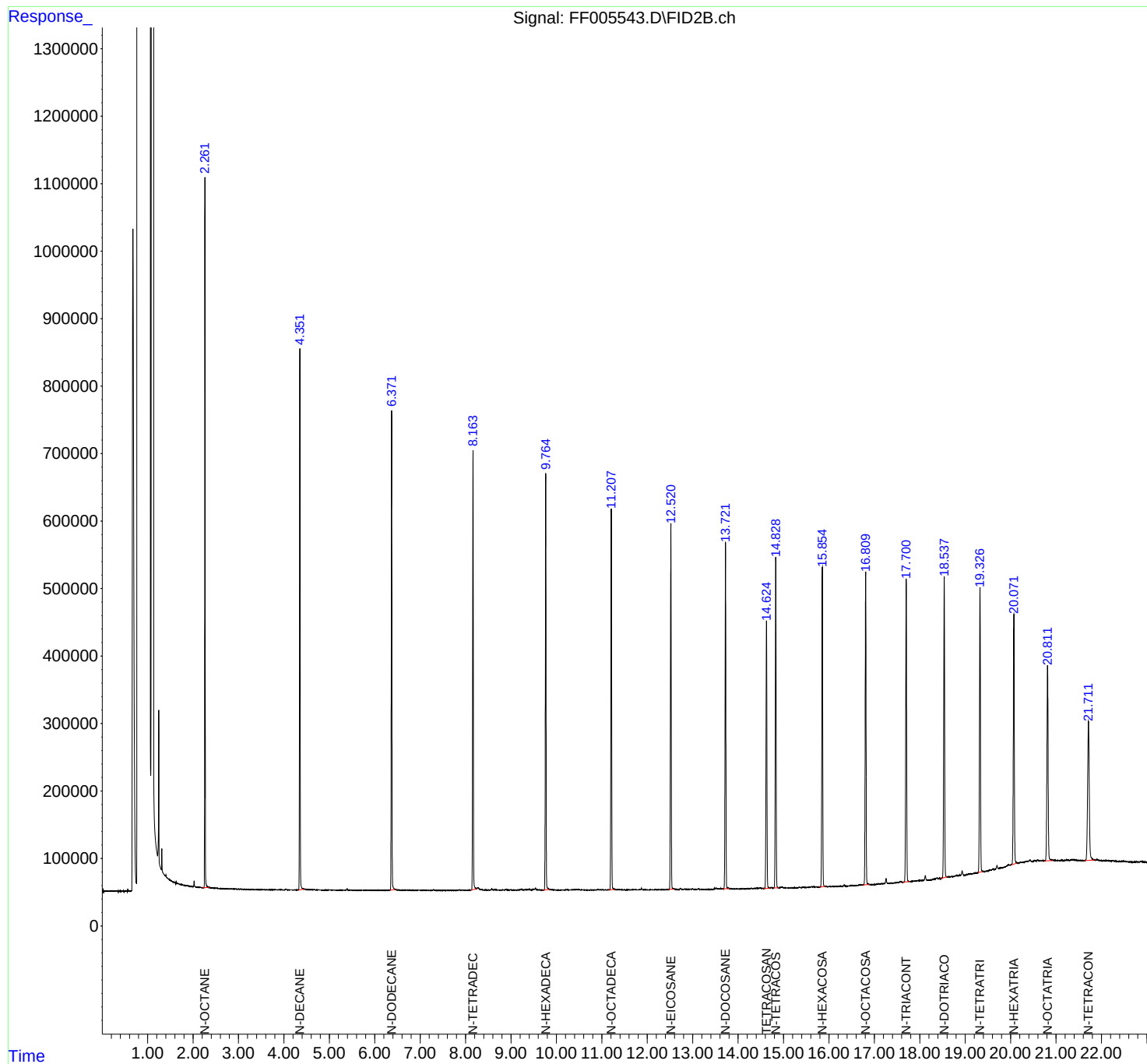
Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

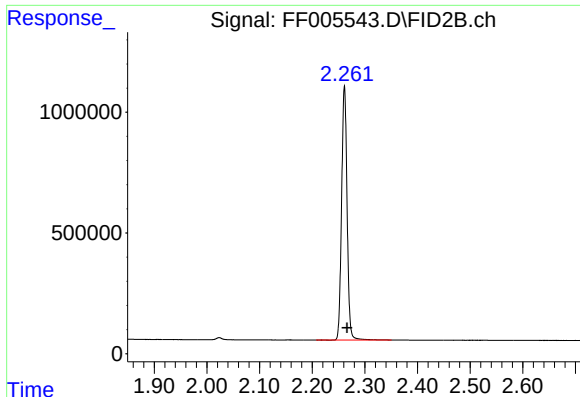
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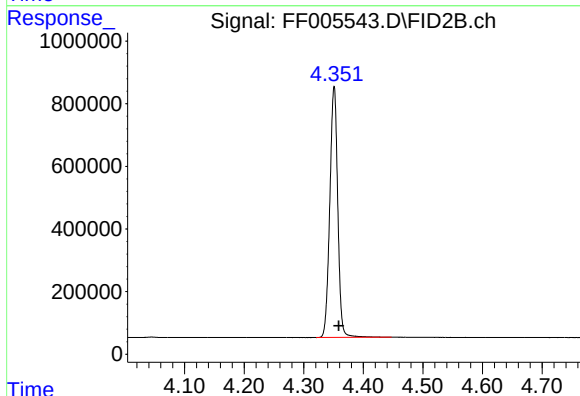
#1 N-OCTANE

R.T.: 2.261 min  
Delta R.T.: -0.005 min  
Response: 7611771  
Conc: 52.91 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

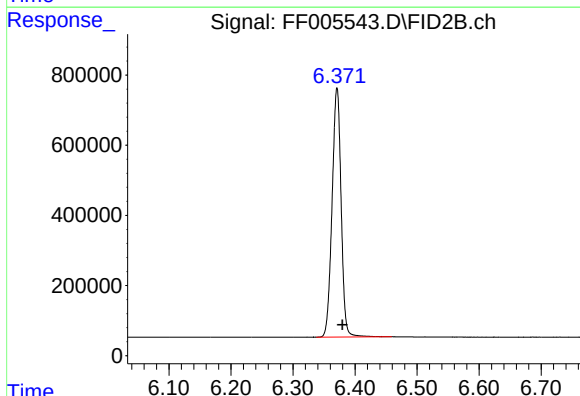
Manual Integrations  
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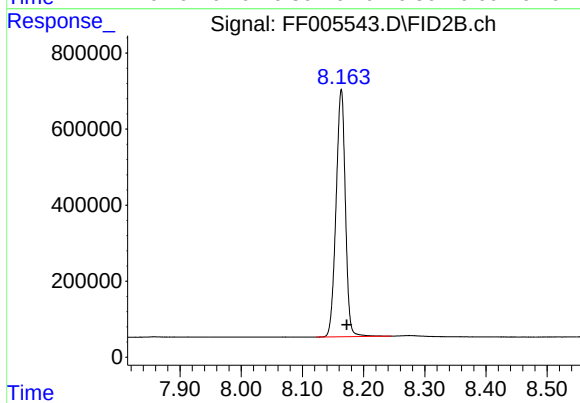
#2 N-DECANE

R.T.: 4.351 min  
Delta R.T.: -0.008 min  
Response: 7431217  
Conc: 51.98 ug/ml



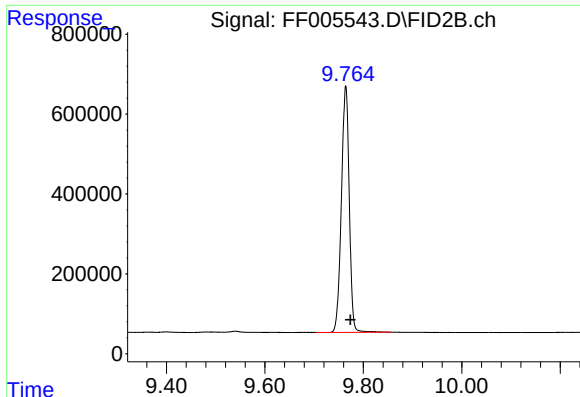
#3 N-DODECANE

R.T.: 6.371 min  
Delta R.T.: -0.009 min  
Response: 7194911  
Conc: 50.19 ug/ml



#4 N-TETRADECANE

R.T.: 8.164 min  
Delta R.T.: -0.009 min  
Response: 6890087  
Conc: 48.87 ug/ml



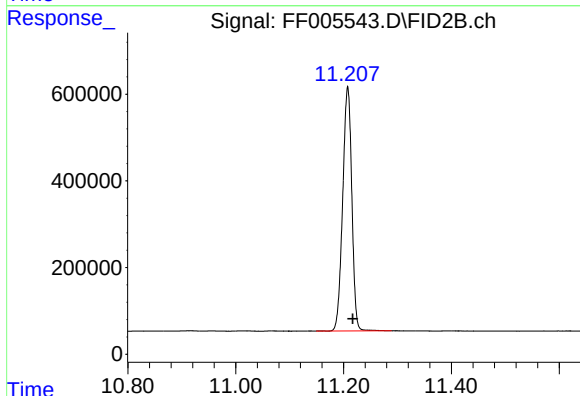
#5 N-HEXADECANE

R.T.: 9.764 min  
Delta R.T.: -0.009 min  
Response: 6833783  
Conc: 48.86 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

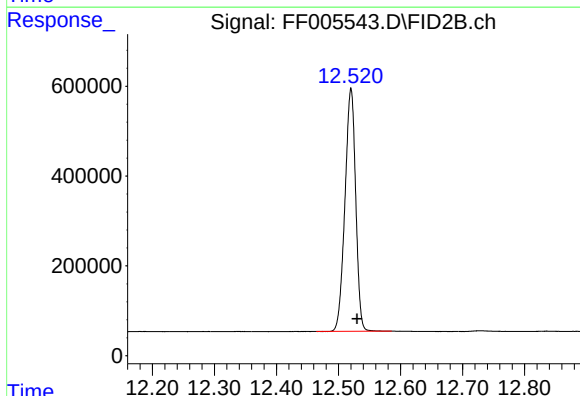
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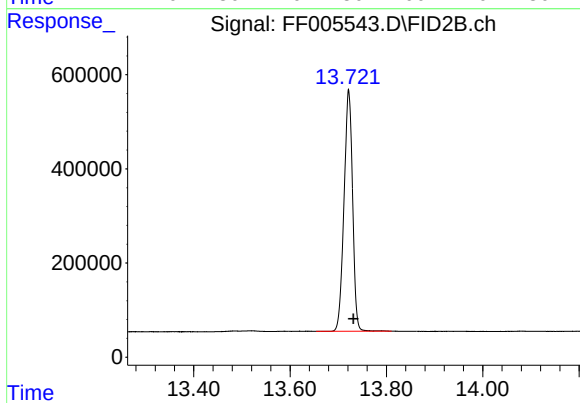
#6 N-OCTADECANE

R.T.: 11.208 min  
Delta R.T.: -0.009 min  
Response: 6617815  
Conc: 49.19 ug/ml



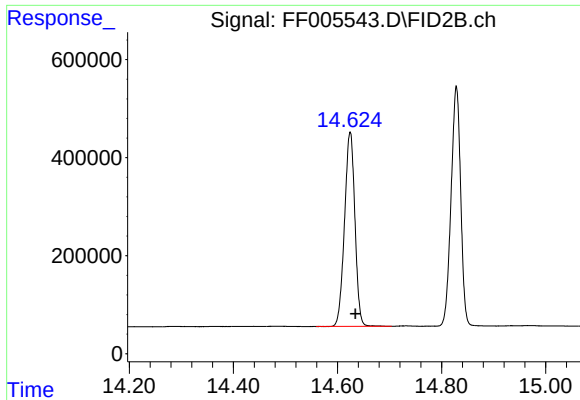
#7 N-EICOSANE

R.T.: 12.520 min  
Delta R.T.: -0.010 min  
Response: 6498430  
Conc: 49.55 ug/ml



#8 N-DOCOSANE

R.T.: 13.722 min  
Delta R.T.: -0.010 min  
Response: 6347832  
Conc: 50.42 ug/ml



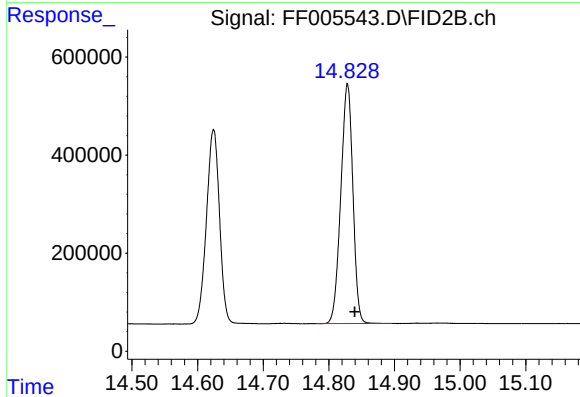
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.624 min  
Delta R.T.: -0.010 min  
Response: 5487991  
Conc: 51.29 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

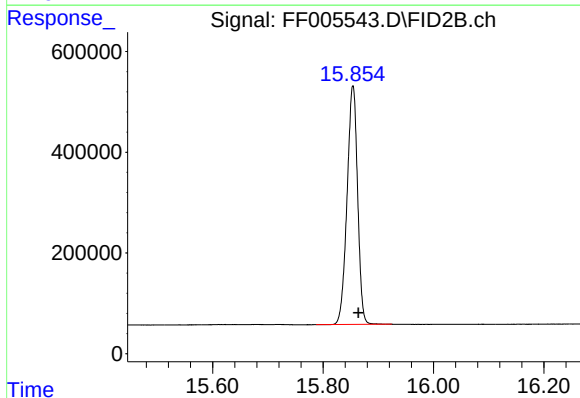
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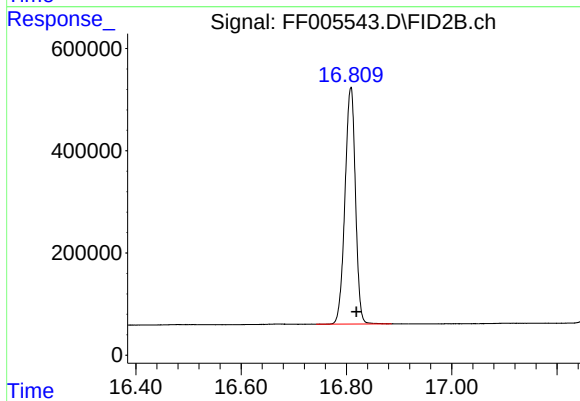
#10 N-TETRACOSANE

R.T.: 14.829 min  
Delta R.T.: -0.011 min  
Response: 6248871  
Conc: 51.10 ug/ml



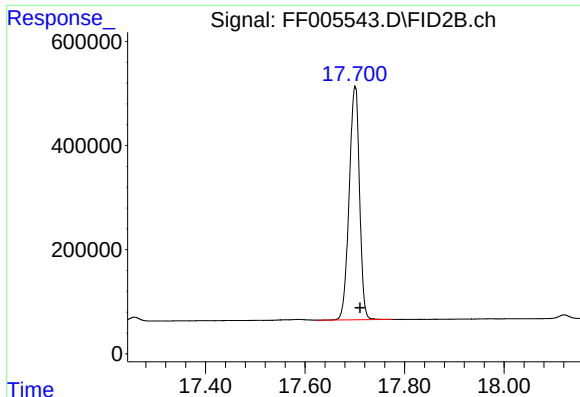
#11 N-HEXACOSANE

R.T.: 15.854 min  
Delta R.T.: -0.010 min  
Response: 6270214  
Conc: 52.38 ug/ml



#12 N-OCTACOSANE

R.T.: 16.808 min  
Delta R.T.: -0.011 min  
Response: 6379729  
Conc: 53.47 ug/ml



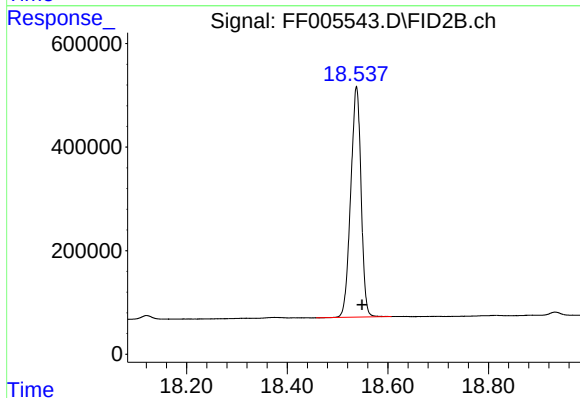
#13 N-TRIACONTANE

R.T.: 17.701 min  
Delta R.T.: -0.010 min  
Response: 6465264  
Conc: 53.45 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

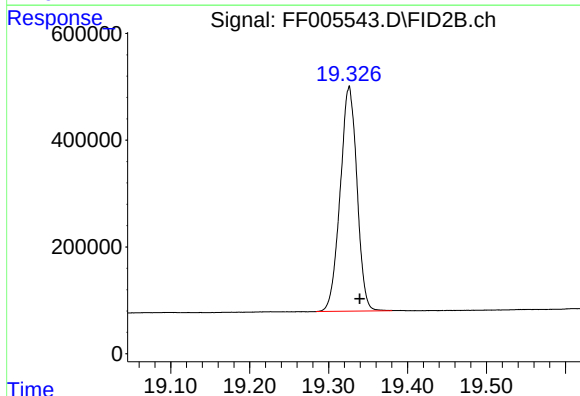
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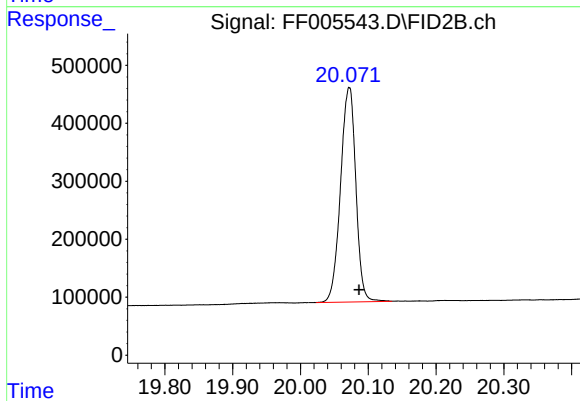
#14 N-DOTRIACONTANE

R.T.: 18.538 min  
Delta R.T.: -0.011 min  
Response: 6354740  
Conc: 51.26 ug/ml



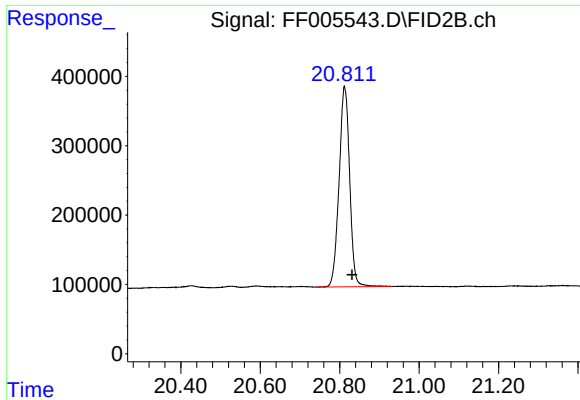
#15 N-TETRATRIACONTANE

R.T.: 19.326 min  
Delta R.T.: -0.014 min  
Response: 6226233  
Conc: 51.67 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.071 min  
Delta R.T.: -0.016 min  
Response: 5810689  
Conc: 48.41 ug/ml m



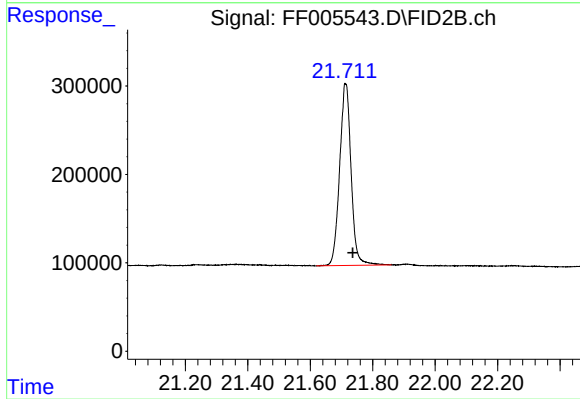
#17 N-OCTATRIACONTANE

R.T.: 20.812 min  
Delta R.T.: -0.019 min  
Response: 5349969  
Conc: 49.04 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.713 min  
Delta R.T.: -0.024 min  
Response: 5228200  
Conc: 41.12 ug/ml