

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF110221\  
 Data File : FF009268.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Nov 2021 21:14  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 11/03/2021  
 Supervised By :mohammad ahmed 11/05/2021

Integration File: autoint1.e  
 Quant Time: Nov 03 01:31:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF100721.M  
 Quant Title :  
 QLast Update : Fri Oct 08 02:25:33 2021  
 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... | 14.711 | 5112629  | 46.624 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.361  | 6466202  | 51.723 ug/ml  |
| 2) N-DECANE                   | 4.465  | 6522100  | 51.459 ug/ml  |
| 3) N-DODECANE                 | 6.483  | 6441186  | 50.702 ug/ml  |
| 4) N-TETRADECANE              | 8.275  | 6332488  | 50.505 ug/ml  |
| 5) N-HEXADECANE               | 9.873  | 6276599  | 49.438 ug/ml  |
| 6) N-OCTADECANE               | 11.312 | 6252507  | 48.502 ug/ml  |
| 7) N-EICOSANE                 | 12.620 | 6104686  | 47.420 ug/ml  |
| 8) N-DOCOSANE                 | 13.816 | 5891571  | 46.602 ug/ml  |
| 10) N-TETRACOSANE             | 14.915 | 5792839  | 46.277 ug/ml  |
| 11) N-HEXACOSANE              | 15.934 | 5641662  | 46.603 ug/ml  |
| 12) N-OCTACOSANE              | 16.882 | 5495404  | 46.944 ug/ml  |
| 13) N-TRIACONTANE             | 17.766 | 5398734  | 47.853 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.594 | 5337745  | 50.546 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.377 | 5331313  | 54.552 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.115 | 5338881  | 60.051 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.853 | 5512383  | 67.519 ug/mlm |
| 18) N-TETRACONTANE            | 21.771 | 5510375  | 67.827 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 53 Sample Multiplier: 1

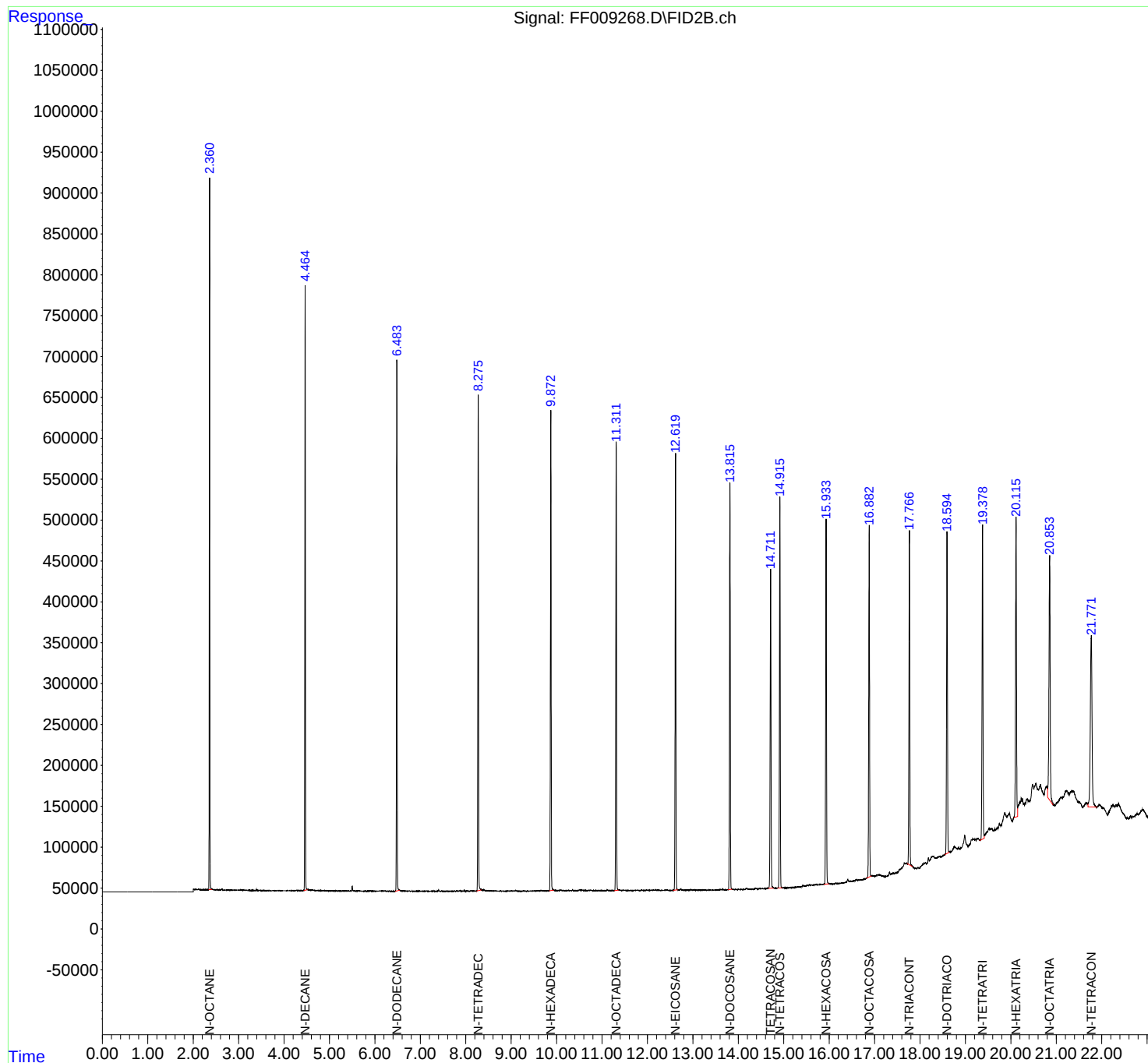
Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

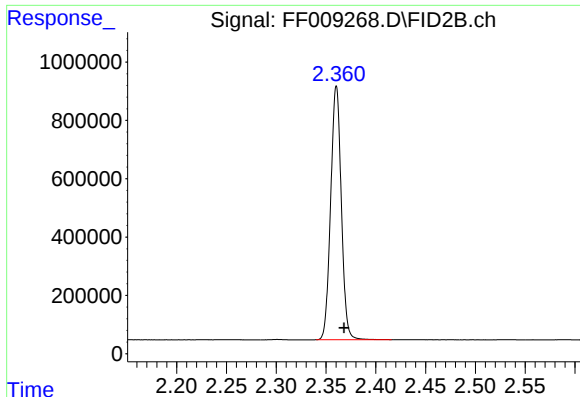
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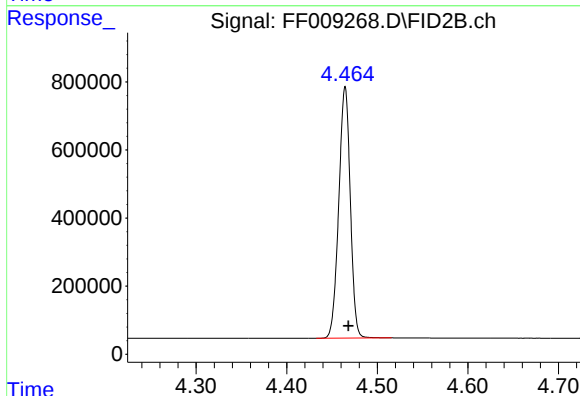
#1 N-OCTANE

R.T.: 2.361 min  
Delta R.T.: -0.007 min  
Response: 6466202  
Conc: 51.72 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

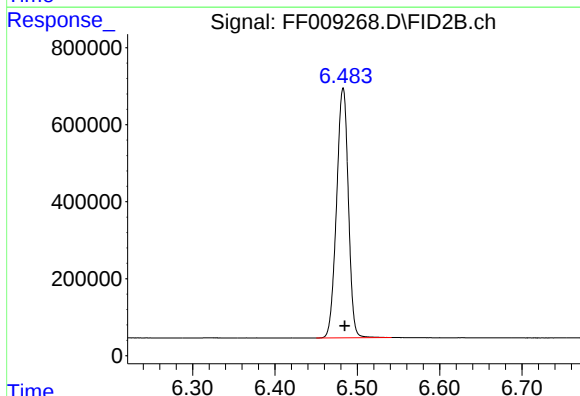
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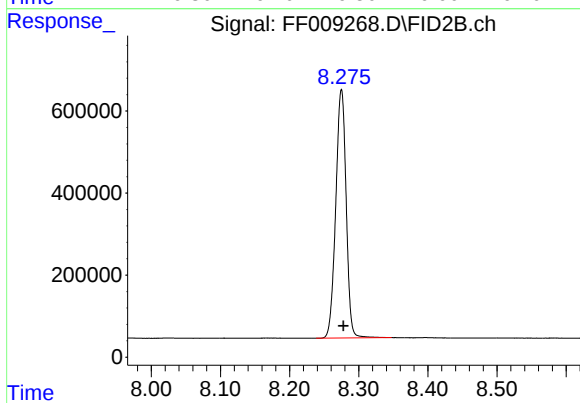
#2 N-DECANE

R.T.: 4.465 min  
Delta R.T.: -0.003 min  
Response: 6522100  
Conc: 51.46 ug/ml



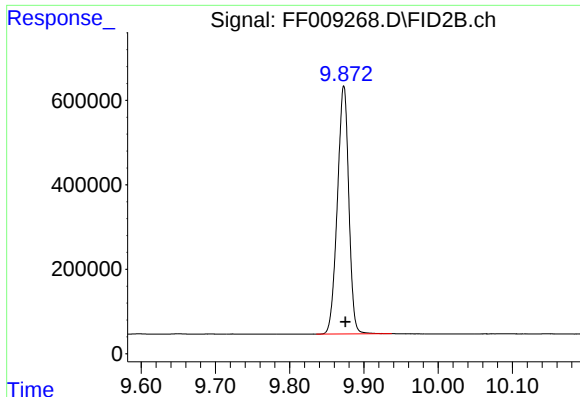
#3 N-DODECANE

R.T.: 6.483 min  
Delta R.T.: -0.002 min  
Response: 6441186  
Conc: 50.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.275 min  
Delta R.T.: -0.003 min  
Response: 6332488  
Conc: 50.51 ug/ml



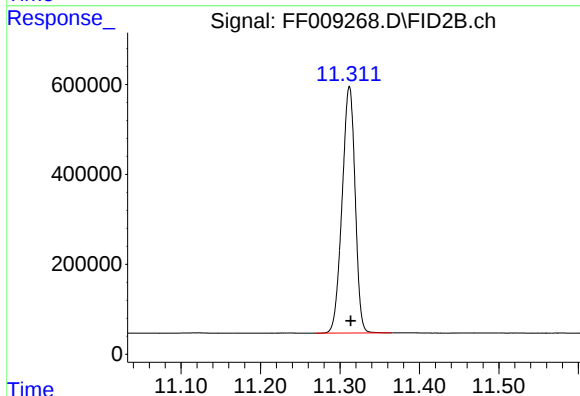
#5 N-HEXADECANE

R.T.: 9.873 min  
Delta R.T.: -0.002 min  
Response: 6276599  
Conc: 49.44 ug/ml

Instrument :  
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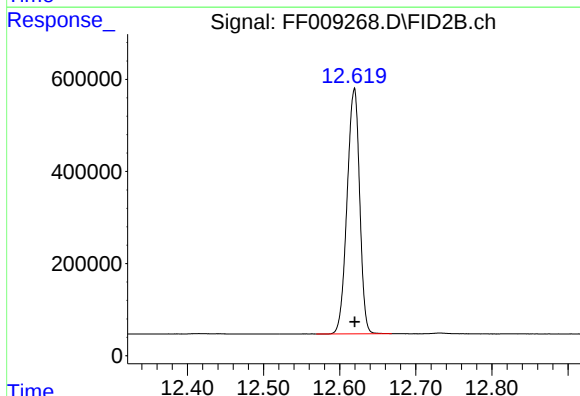
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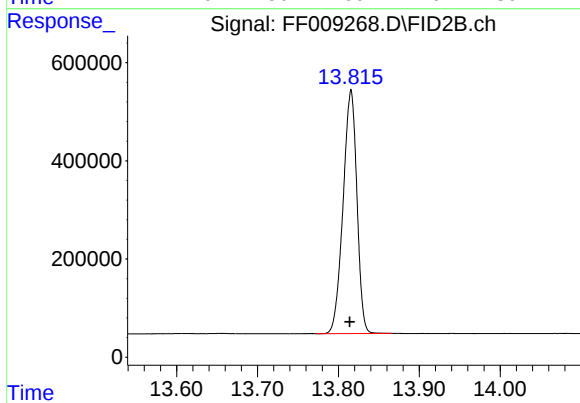
#6 N-OCTADECANE

R.T.: 11.312 min  
Delta R.T.: -0.002 min  
Response: 6252507  
Conc: 48.50 ug/ml



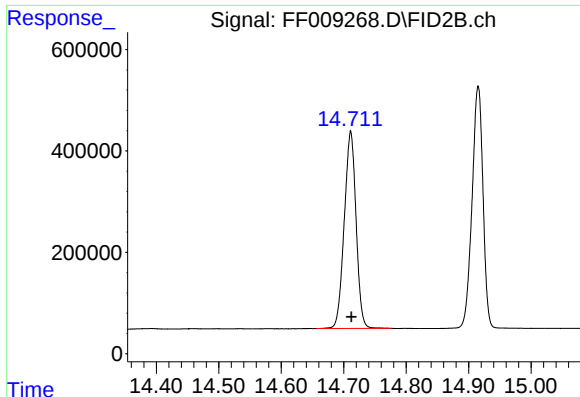
#7 N-EICOSANE

R.T.: 12.620 min  
Delta R.T.: 0.000 min  
Response: 6104686  
Conc: 47.42 ug/ml



#8 N-DOCOSANE

R.T.: 13.816 min  
Delta R.T.: 0.001 min  
Response: 5891571  
Conc: 46.60 ug/ml



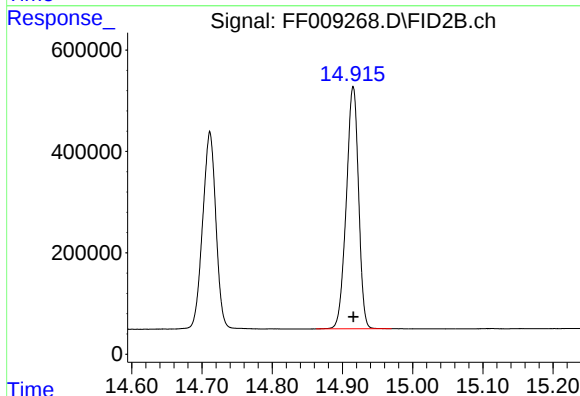
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.711 min  
Delta R.T.: -0.001 min  
Response: 5112629  
Conc: 46.62 ug/ml

Instrument :  
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ClientSampleId :  
50 PPM TRPH STD

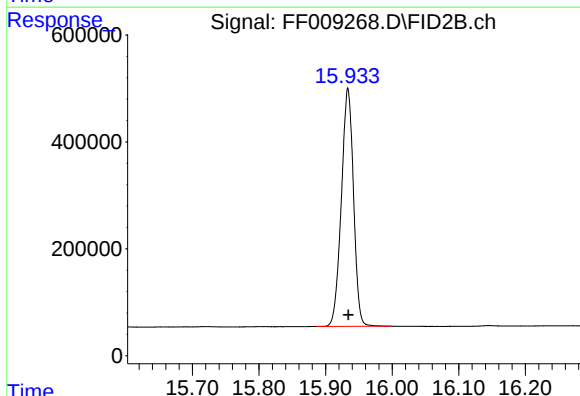
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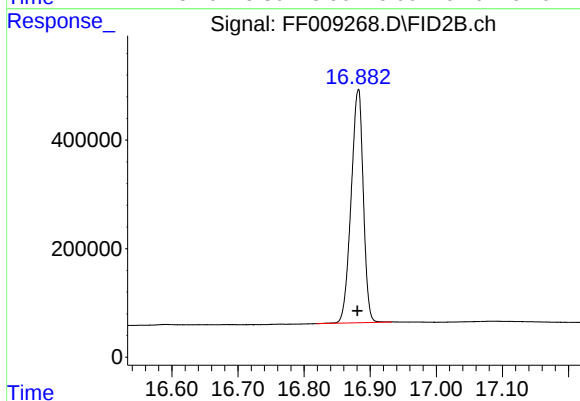
#10 N-TETRACOSANE

R.T.: 14.915 min  
Delta R.T.: 0.000 min  
Response: 5792839  
Conc: 46.28 ug/ml



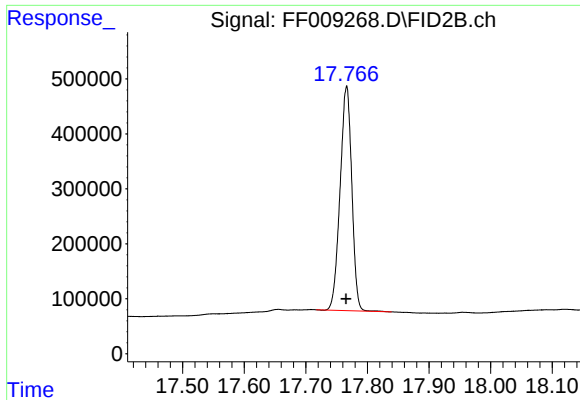
#11 N-HEXACOSANE

R.T.: 15.934 min  
Delta R.T.: 0.000 min  
Response: 5641662  
Conc: 46.60 ug/ml



#12 N-OCTACOSANE

R.T.: 16.882 min  
Delta R.T.: 0.001 min  
Response: 5495404  
Conc: 46.94 ug/ml



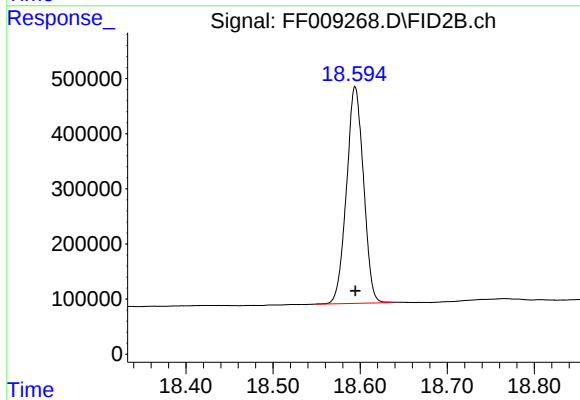
#13 N-TRIACONTANE

R.T.: 17.766 min  
Delta R.T.: 0.000 min  
Response: 5398734  
Conc: 47.85 ug/ml

Instrument :  
FID\_F  
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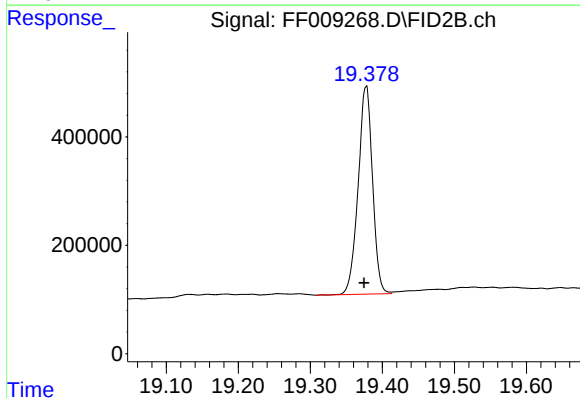
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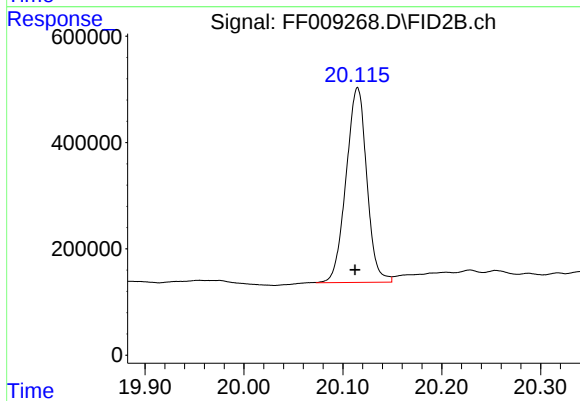
#14 N-DOTRIACONTANE

R.T.: 18.594 min  
Delta R.T.: 0.000 min  
Response: 5337745  
Conc: 50.55 ug/ml m



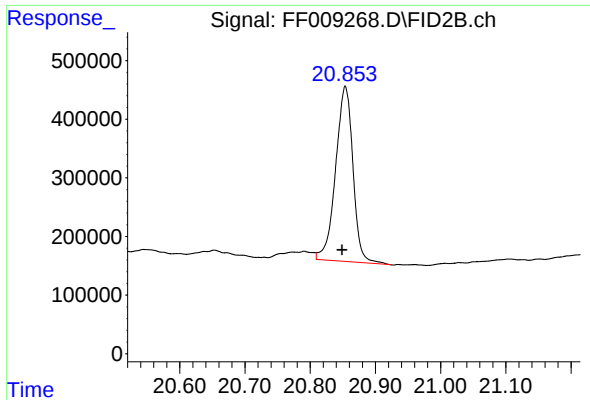
#15 N-TETRATRIACONTANE

R.T.: 19.377 min  
Delta R.T.: 0.003 min  
Response: 5331313  
Conc: 54.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.115 min  
Delta R.T.: 0.002 min  
Response: 5338881  
Conc: 60.05 ug/ml m



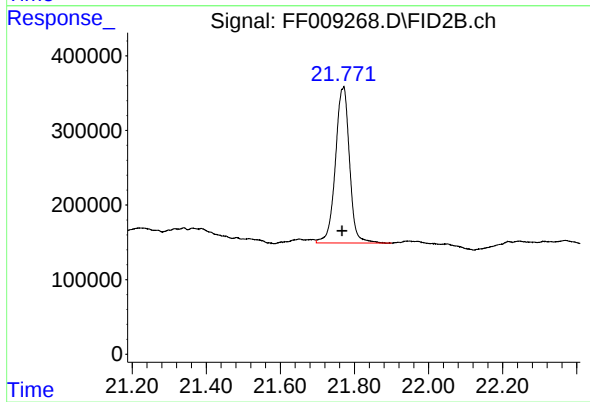
#17 N-OCTATRIACONTANE

R.T.: 20.853 min  
Delta R.T.: 0.005 min  
Response: 5512383  
Conc: 67.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.771 min  
Delta R.T.: 0.004 min  
Response: 5510375  
Conc: 67.83 ug/ml