

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE013125\  
 Data File : FE052201.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Feb 2025 06:15  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 99 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025  
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e  
 Quant Time: Feb 03 01:38:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE012325.M  
 Quant Title :  
 QLast Update : Fri Jan 24 03:06:38 2025  
 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... | 15.292 | 4431302  | 44.492 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.461  | 3880824  | 45.507 ug/ml  |
| 2) N-DECANE                   | 4.956  | 4181346  | 45.696 ug/ml  |
| 3) N-DODECANE                 | 7.081  | 4515996  | 45.198 ug/ml  |
| 4) N-TETRADECANE              | 8.884  | 4560426  | 44.821 ug/ml  |
| 5) N-HEXADECANE               | 10.476 | 4764410  | 44.712 ug/ml  |
| 6) N-OCTADECANE               | 11.907 | 5014915  | 44.727 ug/ml  |
| 7) N-EICOSANE                 | 13.208 | 4953749  | 44.476 ug/ml  |
| 8) N-DOCOSANE                 | 14.398 | 4914684  | 44.264 ug/ml  |
| 10) N-TETRACOSANE             | 15.496 | 4926260  | 44.537 ug/ml  |
| 11) N-HEXACOSANE              | 16.511 | 4862082  | 44.602 ug/ml  |
| 12) N-OCTACOSANE              | 17.456 | 4841810  | 44.857 ug/ml  |
| 13) N-TRIACONTANE             | 18.340 | 4835097  | 45.062 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.169 | 4788687  | 45.861 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.952 | 4540806  | 48.355 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.688 | 4262317  | 52.782 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.484 | 4303860  | 57.685 ug/ml  |
| 18) N-TETRACONTANE            | 22.500 | 4585443  | 62.264 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 01 Feb 2025 06:15  
Operator : YP\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 99 Sample Multiplier: 1

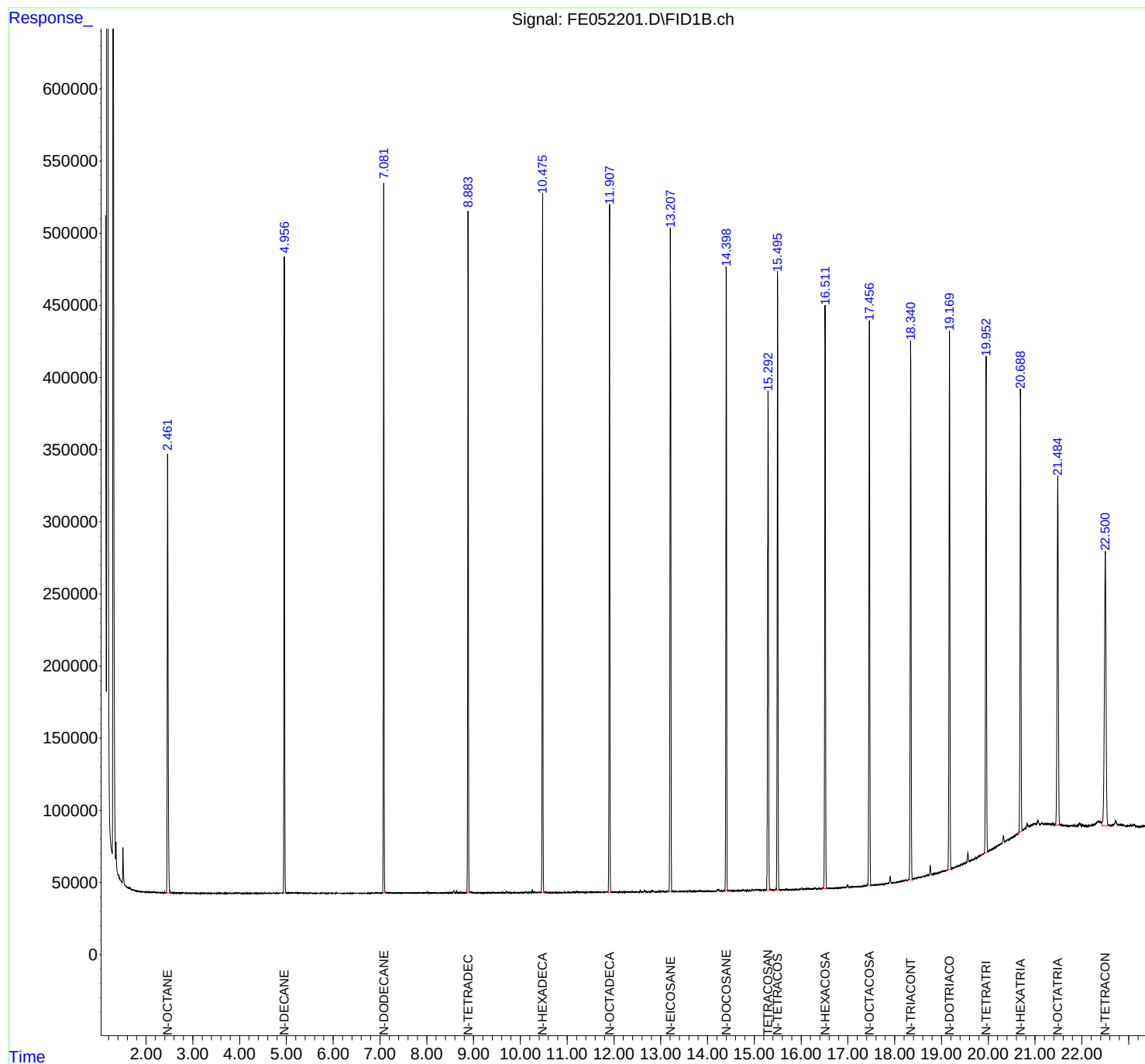
Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

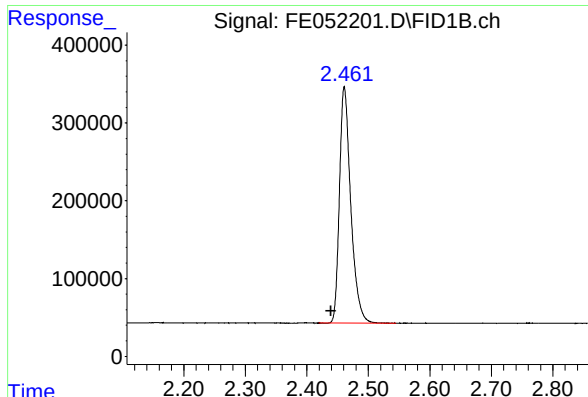
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Signal Info : 20mx0.18mmx0.18um





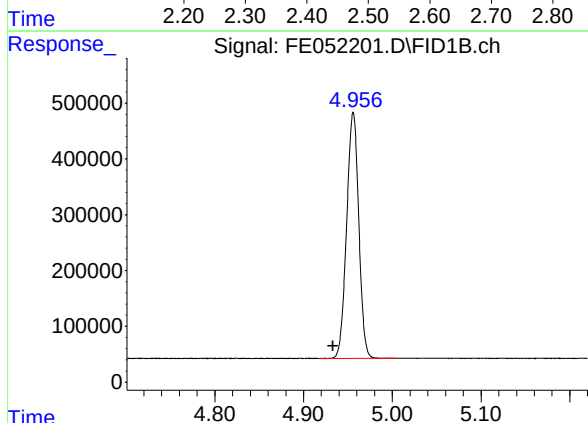
#1 N-OCTANE

R.T.: 2.461 min  
Delta R.T.: 0.022 min  
Response: 3880824  
Conc: 45.51 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

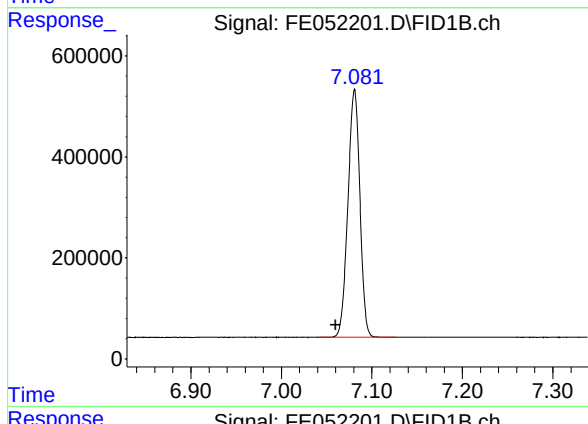
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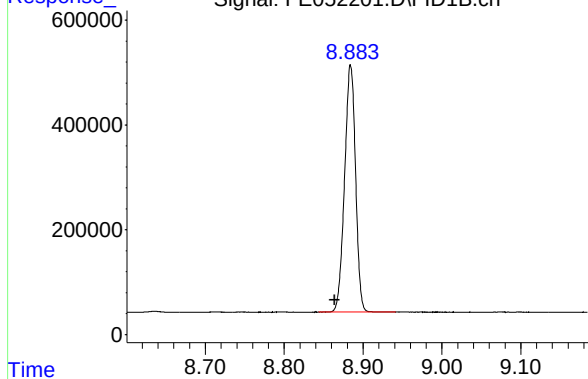
#2 N-DECANE

R.T.: 4.956 min  
Delta R.T.: 0.023 min  
Response: 4181346  
Conc: 45.70 ug/ml



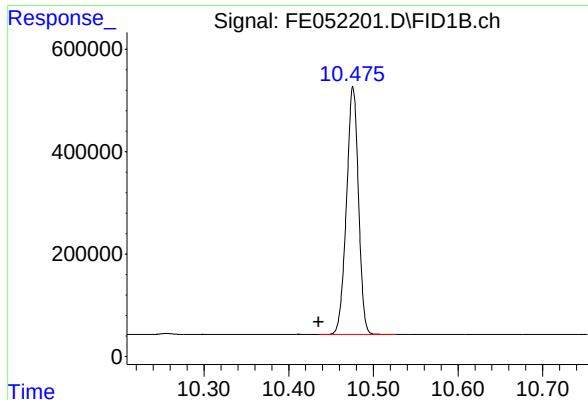
#3 N-DODECANE

R.T.: 7.081 min  
Delta R.T.: 0.021 min  
Response: 4515996  
Conc: 45.20 ug/ml



#4 N-TETRADECANE

R.T.: 8.884 min  
Delta R.T.: 0.020 min  
Response: 4560426  
Conc: 44.82 ug/ml



#5 N-HEXADECANE

R.T.: 10.476 min  
Delta R.T.: 0.040 min  
Response: 4764410  
Conc: 44.71 ug/ml

Instrument :

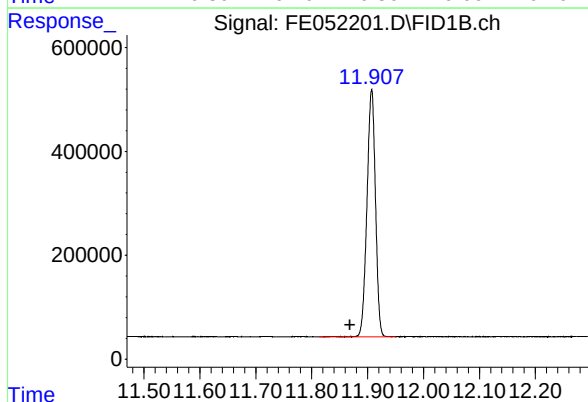
FID\_E

ClientSampleId :

50 PPM TRPH STD

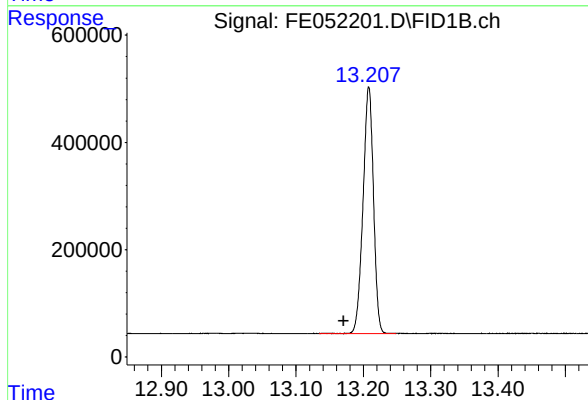
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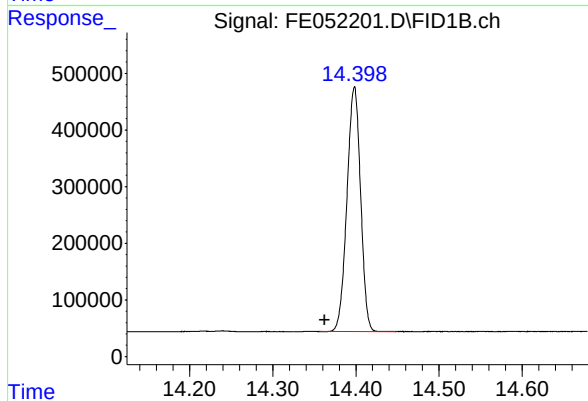
#6 N-OCTADECANE

R.T.: 11.907 min  
Delta R.T.: 0.038 min  
Response: 5014915  
Conc: 44.73 ug/ml



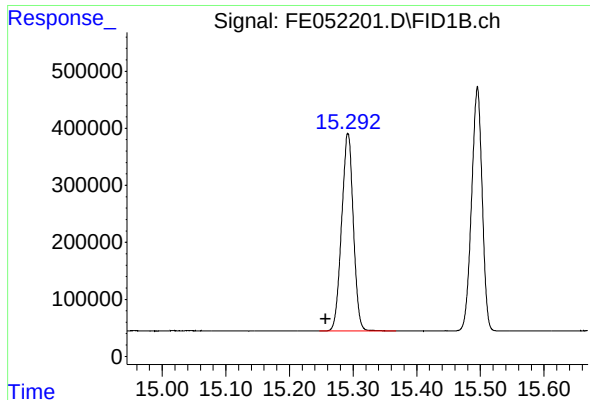
#7 N-EICOSANE

R.T.: 13.208 min  
Delta R.T.: 0.037 min  
Response: 4953749  
Conc: 44.48 ug/ml



#8 N-DOCOSANE

R.T.: 14.398 min  
Delta R.T.: 0.036 min  
Response: 4914684  
Conc: 44.26 ug/ml



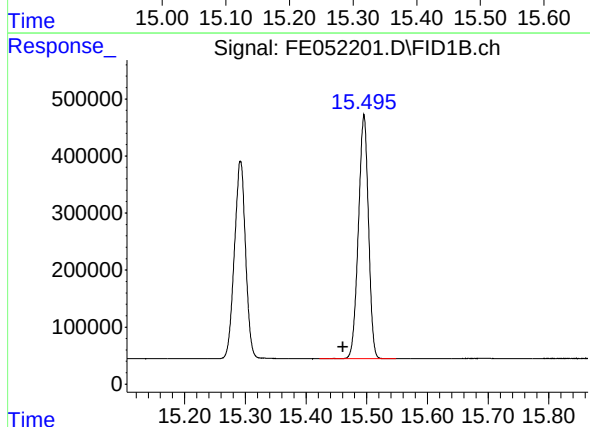
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.292 min  
Delta R.T.: 0.035 min  
Response: 4431302  
Conc: 44.49 ug/ml

Instrument :  
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50 PPM TRPH STD

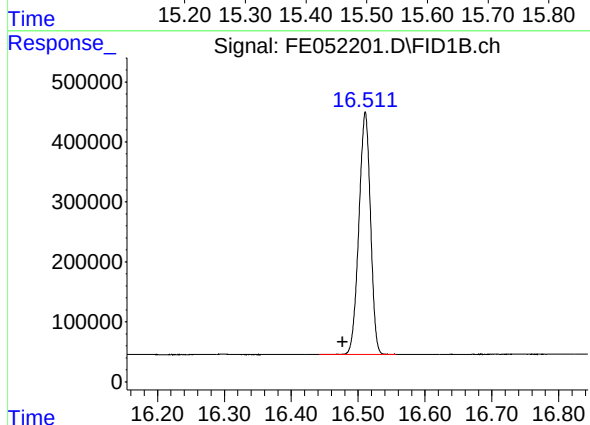
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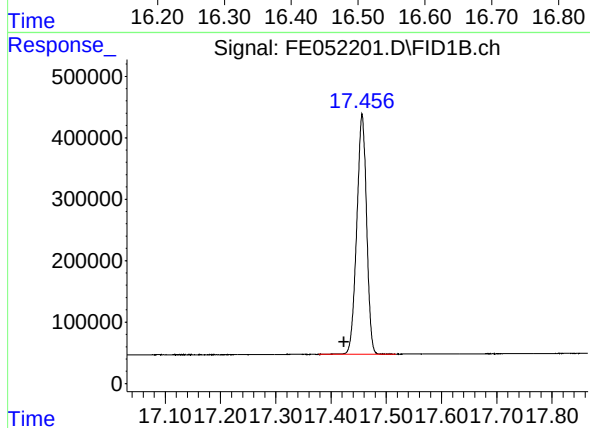
#10 N-TETRACOSANE

R.T.: 15.496 min  
Delta R.T.: 0.034 min  
Response: 4926260  
Conc: 44.54 ug/ml



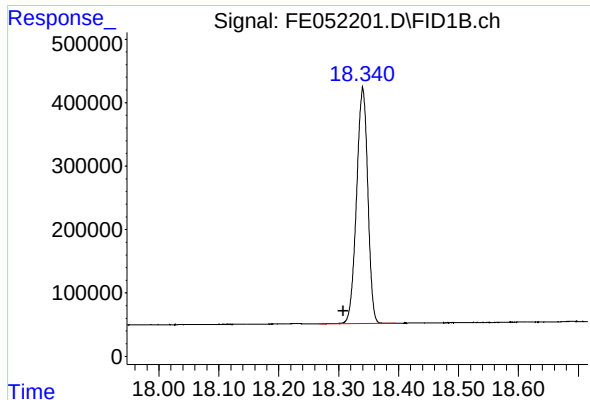
#11 N-HEXACOSANE

R.T.: 16.511 min  
Delta R.T.: 0.034 min  
Response: 4862082  
Conc: 44.60 ug/ml



#12 N-OCTACOSANE

R.T.: 17.456 min  
Delta R.T.: 0.033 min  
Response: 4841810  
Conc: 44.86 ug/ml



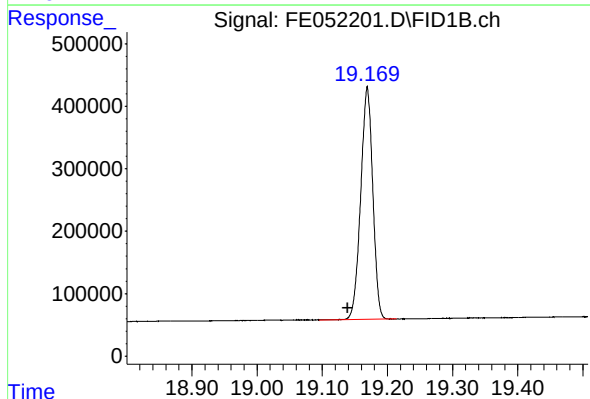
#13 N-TRIACONTANE

R.T.: 18.340 min  
Delta R.T.: 0.032 min  
Response: 4835097  
Conc: 45.06 ug/ml

Instrument :  
FID\_E  
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50 PPM TRPH STD

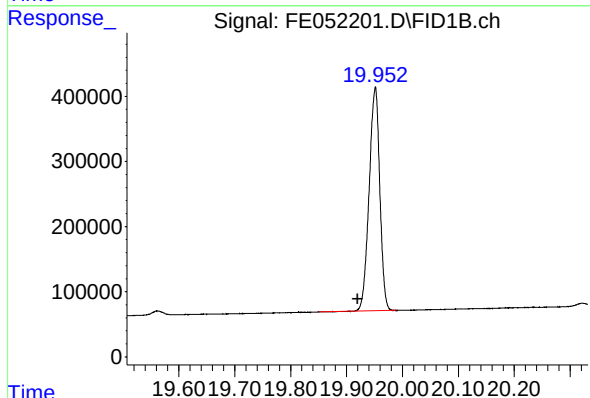
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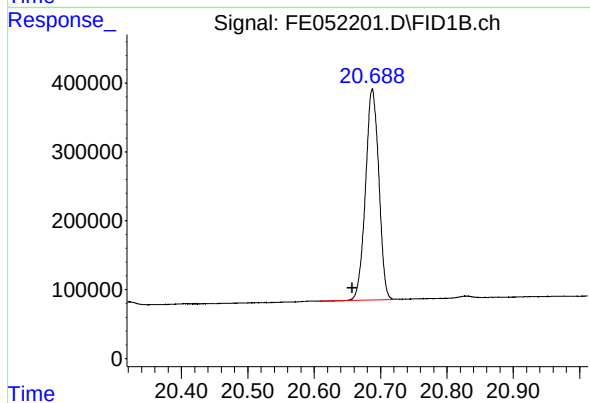
#14 N-DOTRIACONTANE

R.T.: 19.169 min  
Delta R.T.: 0.030 min  
Response: 4788687  
Conc: 45.86 ug/ml m



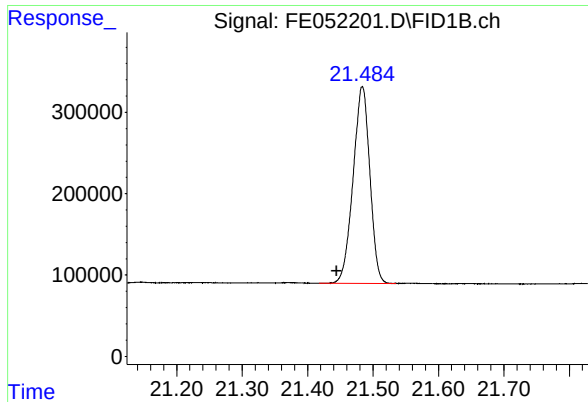
#15 N-TETRATRIACONTANE

R.T.: 19.952 min  
Delta R.T.: 0.031 min  
Response: 4540806  
Conc: 48.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.688 min  
Delta R.T.: 0.030 min  
Response: 4262317  
Conc: 52.78 ug/ml



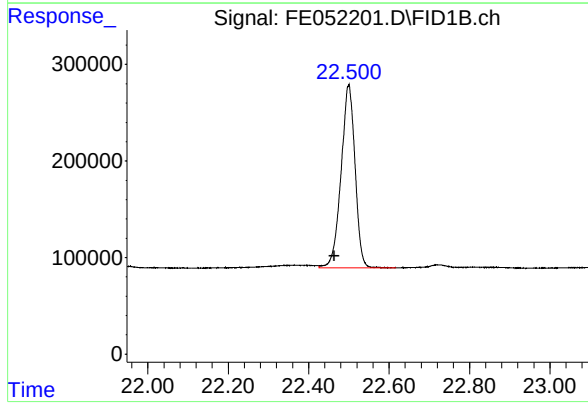
#17 N-OCTATRIACONTANE

R.T.: 21.484 min  
Delta R.T.: 0.039 min  
Response: 4303860  
Conc: 57.68 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.500 min  
Delta R.T.: 0.036 min  
Response: 4585443  
Conc: 62.26 ug/ml