

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012125\  
 Data File : FF015264.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Jan 2025 13:11  
 Operator : YP\AJ  
 Sample : Q1123-01MSD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 BU-03-1172025MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/22/2025  
 Supervised By :Ankita Jodhani 01/22/2025

Integration File: autoint1.e  
 Quant Time: Jan 22 00:34:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011425.M  
 Quant Title :  
 QLast Update : Tue Jan 14 11:12:55 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... | 15.022 | 1689581  | 12.903 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.038  | 1896993  | 14.250 ug/ml  |
| 2) N-DECANE                   | 4.569  | 2343831  | 17.588 ug/ml  |
| 3) N-DODECANE                 | 6.736  | 4392875  | 32.114 ug/mlm |
| 4) N-TETRADECANE              | 8.566  | 8428251  | 64.547 ug/mlm |
| 5) N-HEXADECANE               | 10.175 | 10285806 | 76.613 ug/mlm |
| 6) N-OCTADECANE               | 11.618 | 9647581  | 65.724 ug/mlm |
| 7) N-EICOSANE                 | 12.927 | 7430602  | 50.825 ug/mlm |
| 8) N-DOCOSANE                 | 14.125 | 4771155  | 32.951 ug/mlm |
| 10) N-TETRACOSANE             | 15.226 | 3687053  | 25.463 ug/ml  |
| 11) N-HEXACOSANE              | 16.248 | 2486815  | 17.649 ug/ml  |
| 12) N-OCTACOSANE              | 17.199 | 2491383  | 18.179 ug/ml  |
| 13) N-TRIACONTANE             | 18.088 | 2452733  | 18.440 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.923 | 2470950  | 19.451 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.708 | 2119962  | 19.131 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.452 | 2037353  | 22.538 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.193 | 2401172  | 29.712 ug/mlm |
| 18) N-TETRACONTANE            | 22.116 | 2342676  | 30.883 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 21 Jan 2025 13:11  
Operator : YP\AJ  
Sample : Q1123-01MSD  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

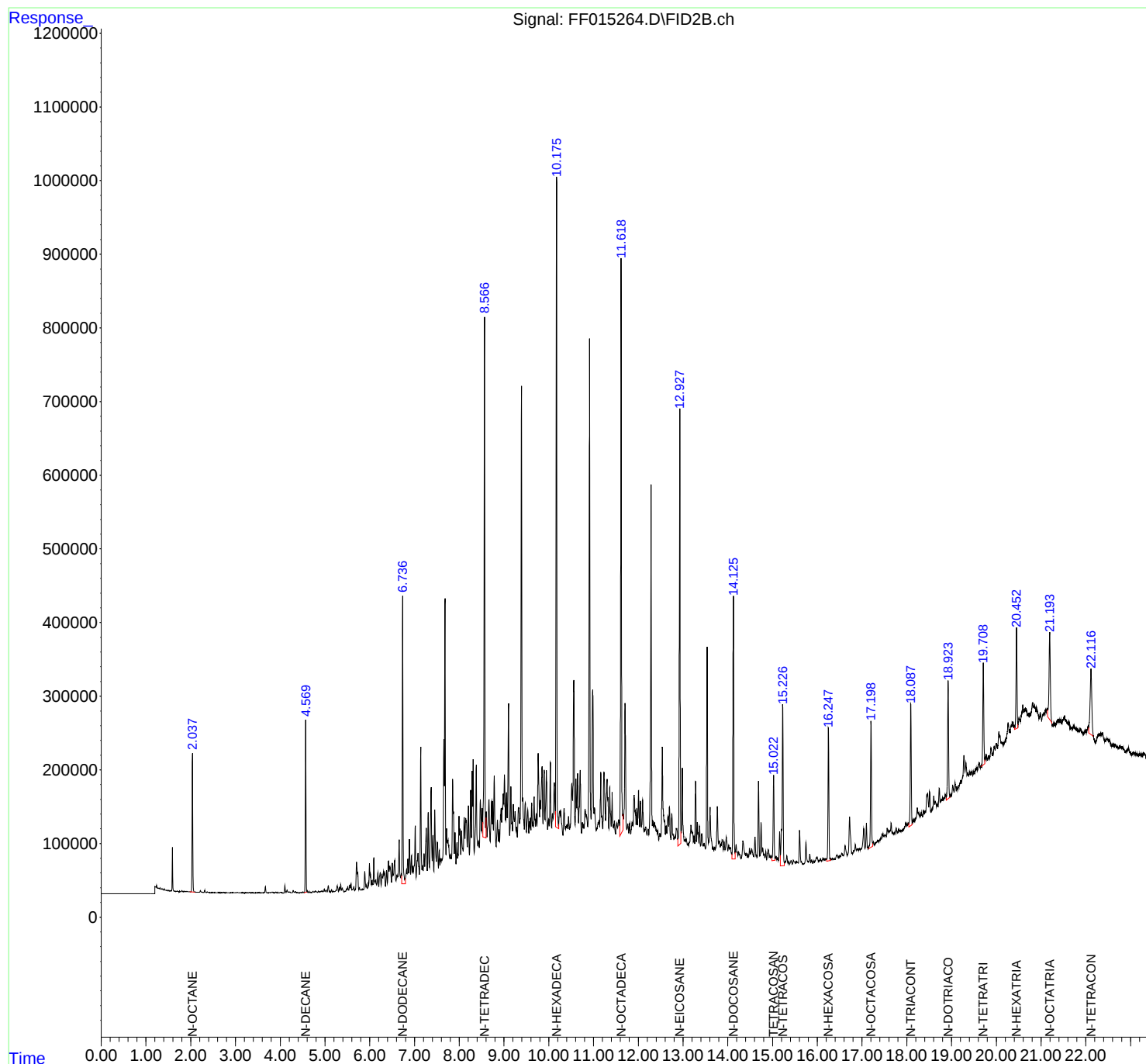
Instrument :  
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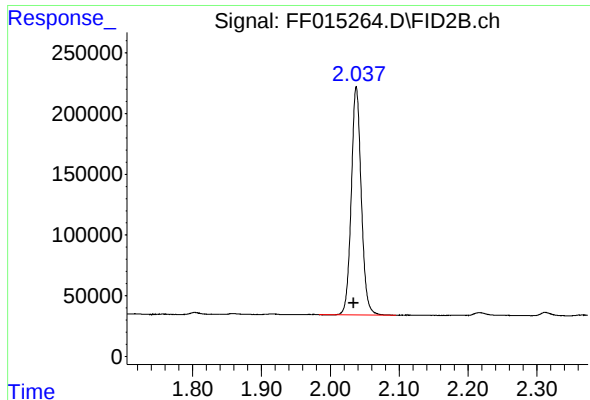
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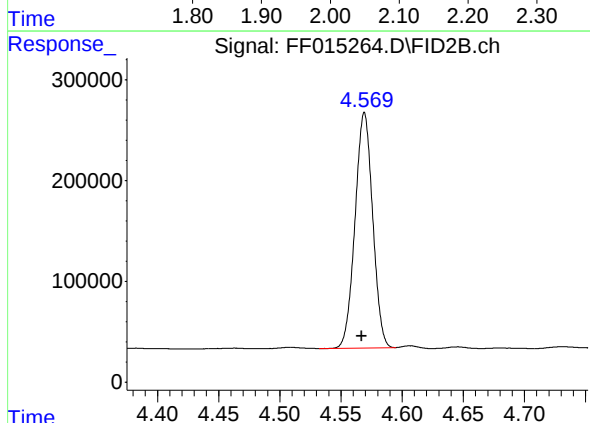
#1 N-OCTANE

R.T.: 2.038 min  
Delta R.T.: 0.004 min  
Response: 1896993  
Conc: 14.25 ug/ml

Instrument :  
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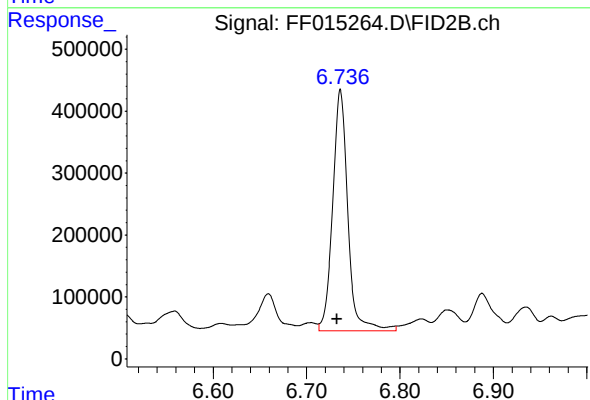
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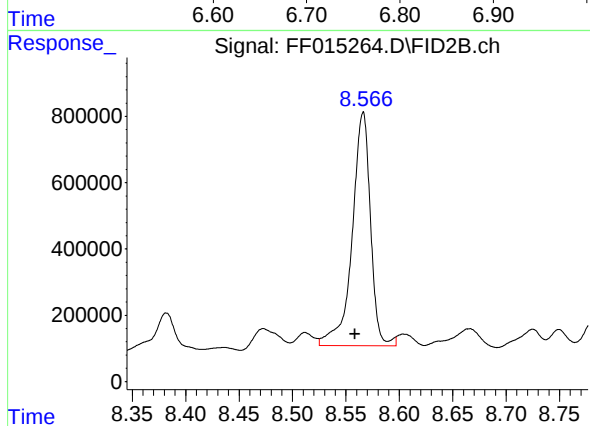
#2 N-DECANE

R.T.: 4.569 min  
Delta R.T.: 0.002 min  
Response: 2343831  
Conc: 17.59 ug/ml



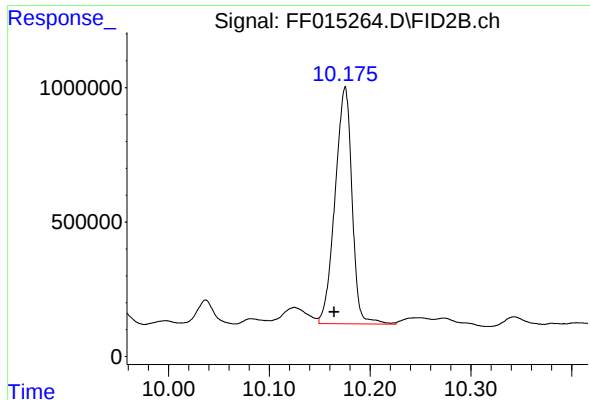
#3 N-DODECANE

R.T.: 6.736 min  
Delta R.T.: 0.003 min  
Response: 4392875  
Conc: 32.11 ug/ml m



#4 N-TETRADECANE

R.T.: 8.566 min  
Delta R.T.: 0.008 min  
Response: 8428251  
Conc: 64.55 ug/ml m



#5 N-HEXADECANE

R.T.: 10.175 min  
Delta R.T.: 0.011 min  
Response: 10285806  
Conc: 76.61 ug/ml

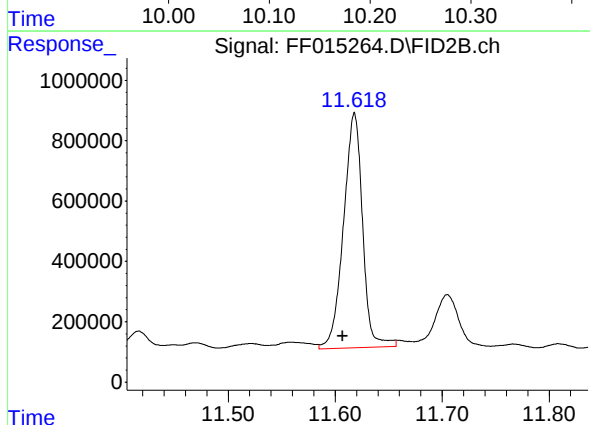
Instrument :

FID\_F

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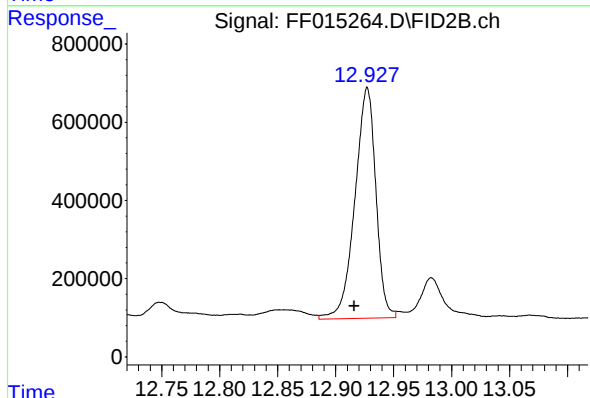
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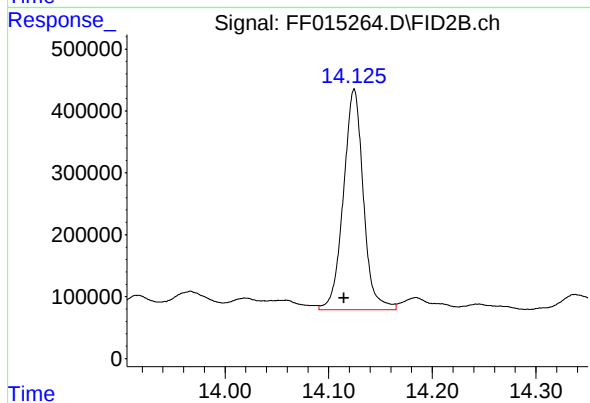
#6 N-OCTADECANE

R.T.: 11.618 min  
Delta R.T.: 0.011 min  
Response: 9647581  
Conc: 65.72 ug/ml



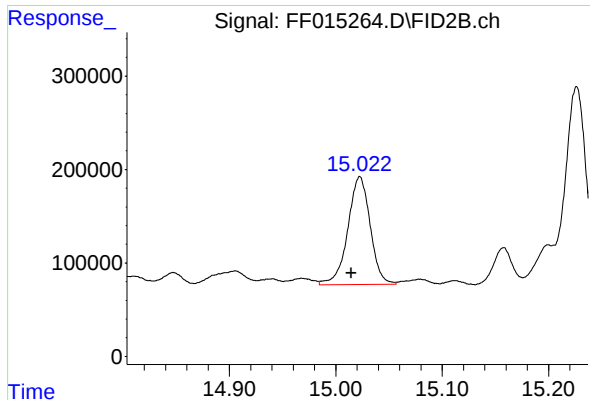
#7 N-EICOSANE

R.T.: 12.927 min  
Delta R.T.: 0.011 min  
Response: 7430602  
Conc: 50.83 ug/ml



#8 N-DOCOSANE

R.T.: 14.125 min  
Delta R.T.: 0.010 min  
Response: 4771155  
Conc: 32.95 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.022 min  
Delta R.T.: 0.008 min  
Response: 1689581  
Conc: 12.90 ug/ml

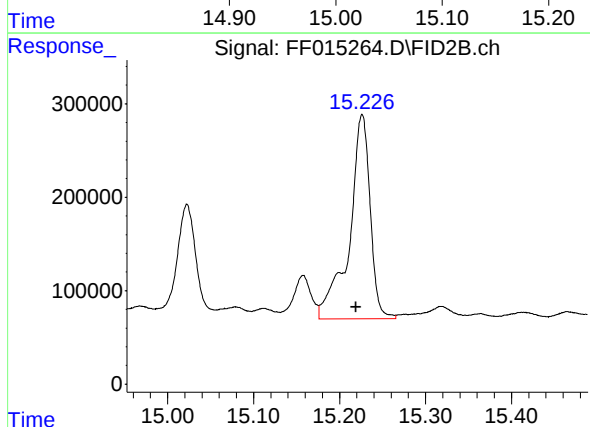
Instrument :

FID\_F

ClientSampleId :  
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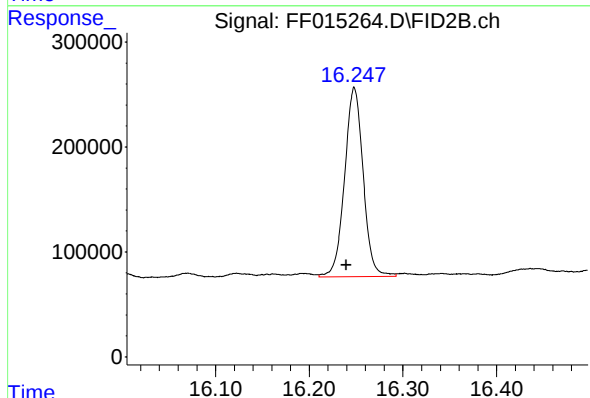
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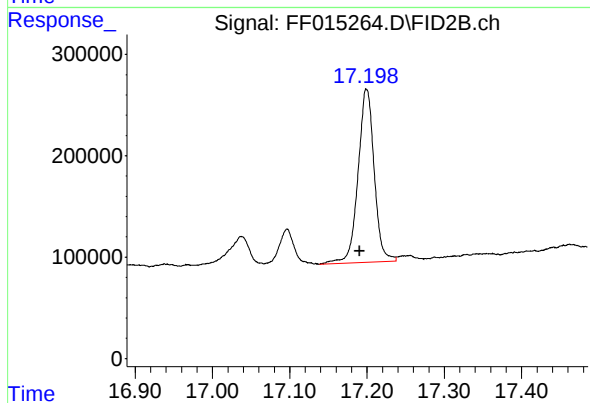
#10 N-TETRACOSANE

R.T.: 15.226 min  
Delta R.T.: 0.007 min  
Response: 3687053  
Conc: 25.46 ug/ml



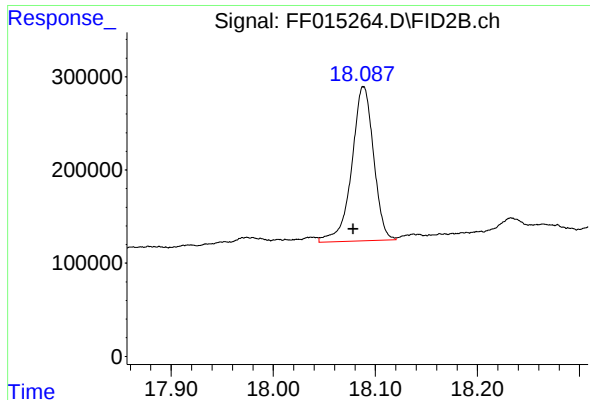
#11 N-HEXACOSANE

R.T.: 16.248 min  
Delta R.T.: 0.009 min  
Response: 2486815  
Conc: 17.65 ug/ml



#12 N-OCTACOSANE

R.T.: 17.199 min  
Delta R.T.: 0.009 min  
Response: 2491383  
Conc: 18.18 ug/ml



#13 N-TRIACONTANE

R.T.: 18.088 min  
Delta R.T.: 0.010 min  
Response: 2452733  
Conc: 18.44 ug/ml

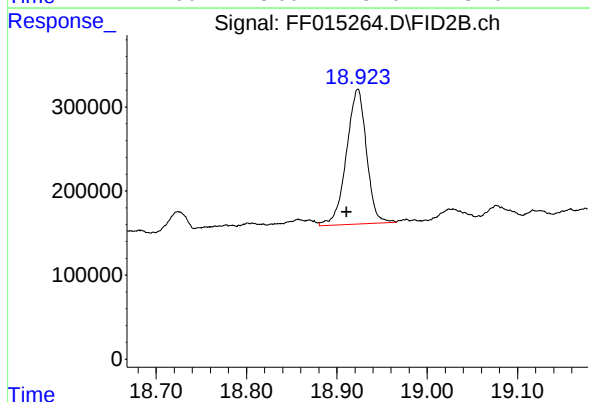
Instrument :

FID\_F

ClientSampleId :  
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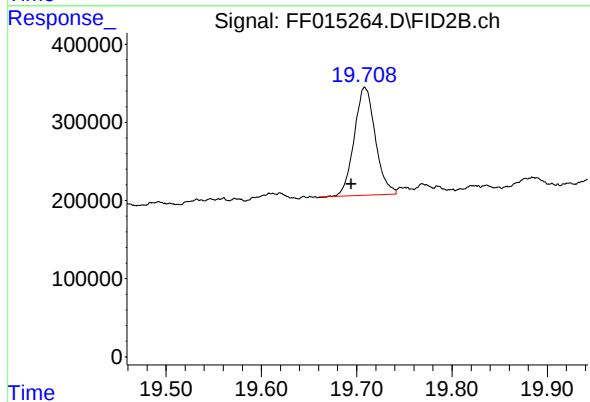
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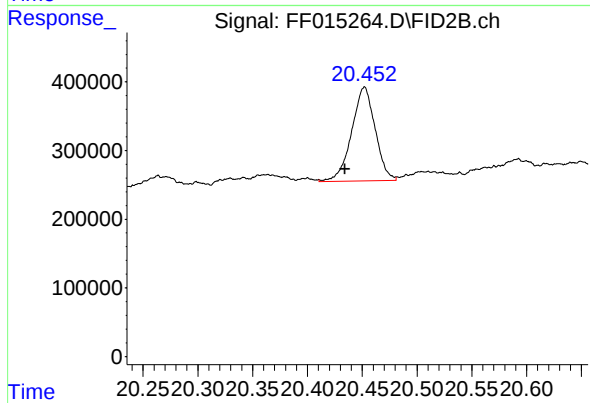
#14 N-DOTRIACONTANE

R.T.: 18.923 min  
Delta R.T.: 0.013 min  
Response: 2470950  
Conc: 19.45 ug/ml



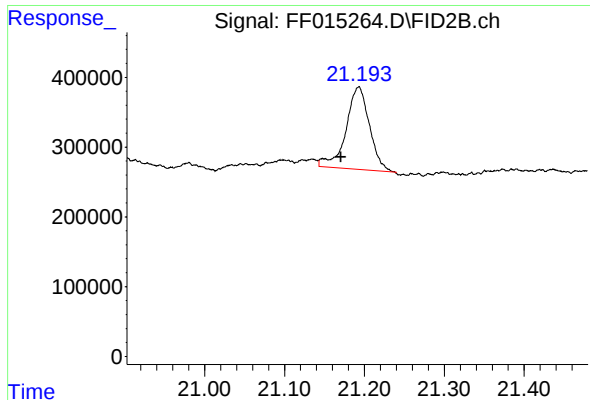
#15 N-TETRATRIACONTANE

R.T.: 19.708 min  
Delta R.T.: 0.013 min  
Response: 2119962  
Conc: 19.13 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.452 min  
Delta R.T.: 0.018 min  
Response: 2037353  
Conc: 22.54 ug/ml m



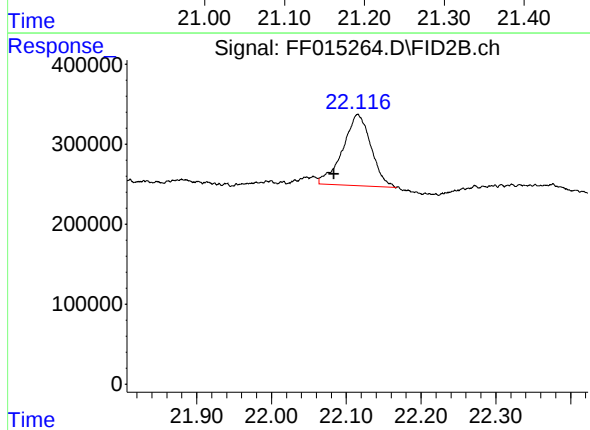
#17 N-OCTATRIACONTANE

R.T.: 21.193 min  
Delta R.T.: 0.023 min  
Response: 2401172  
Conc: 29.71 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.116 min  
Delta R.T.: 0.032 min  
Response: 2342676  
Conc: 30.88 ug/ml m