

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF021323\  
 Data File : FF012059.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Feb 2023 16:52  
 Operator : YP\AJ  
 Sample : PB150812BS  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB150812BS

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 02/14/2023  
 Supervised By :Sohil Jodhani 02/14/2023

Integration File: autoint1.e  
 Quant Time: Feb 14 01:33:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF012723.M  
 Quant Title :  
 QLast Update : Fri Jan 27 14:21:25 2023  
 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... | 15.056 | 2067301  | 17.940 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.081  | 1673958  | 14.551 ug/ml  |
| 2) N-DECANE                   | 4.606  | 2019358  | 17.127 ug/ml  |
| 3) N-DODECANE                 | 6.769  | 2105111  | 17.573 ug/ml  |
| 4) N-TETRADECANE              | 8.596  | 2141438  | 17.782 ug/ml  |
| 5) N-HEXADECANE               | 10.203 | 2259401  | 18.114 ug/ml  |
| 6) N-OCTADECANE               | 11.646 | 2324028  | 18.277 ug/ml  |
| 7) N-EICOSANE                 | 12.956 | 2355712  | 18.253 ug/ml  |
| 8) N-DOCOSANE                 | 14.156 | 2300492  | 18.047 ug/ml  |
| 10) N-TETRACOSANE             | 15.260 | 2322310  | 17.847 ug/ml  |
| 11) N-HEXACOSANE              | 16.282 | 2294246  | 17.629 ug/ml  |
| 12) N-OCTACOSANE              | 17.232 | 2287861  | 17.594 ug/ml  |
| 13) N-TRIACONTANE             | 18.120 | 2307730  | 17.882 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.953 | 2254840  | 17.326 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.737 | 1958808  | 17.594 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.478 | 1649792  | 16.061 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.221 | 1506395  | 15.292 ug/mlm |
| 18) N-TETRACONTANE            | 22.148 | 1470662  | 14.190 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF021323\  
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Acq On : 13 Feb 2023 16:52  
Operator : YP\AJ  
Sample : PB150812BS  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

## Instrument :

FID\_F

## Client Sample Id :

PB150812BS

## Manual Integrations

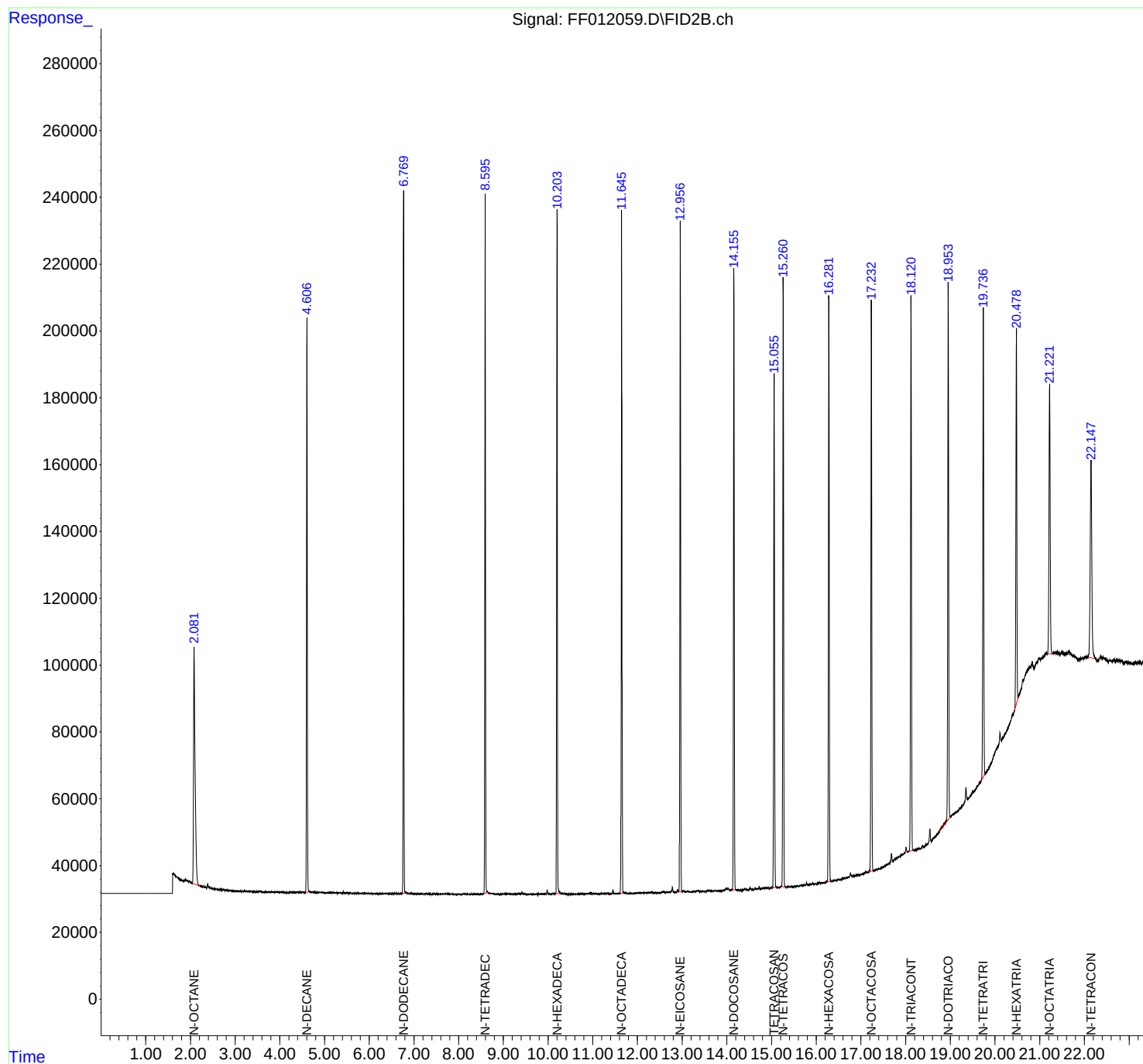
## APPROVED

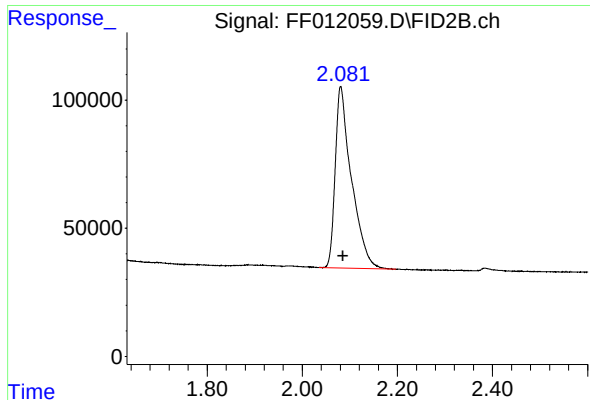
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Quant Time: Feb 14 01:33:50 2023  
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Signal Info : 20mx0.18mmx0.18um





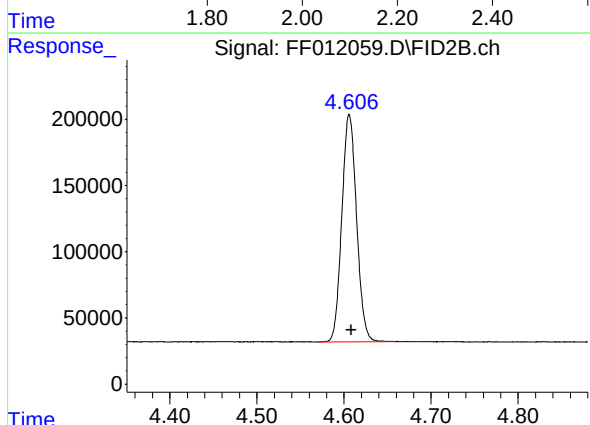
#1 N-OCTANE

R.T.: 2.081 min  
Delta R.T.: -0.005 min  
Response: 1673958  
Conc: 14.55 ug/ml

Instrument :  
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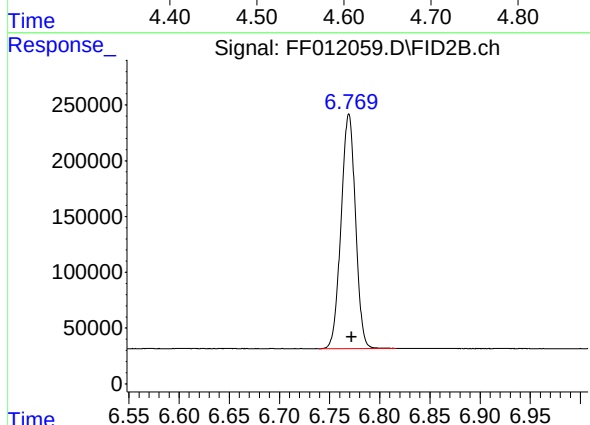
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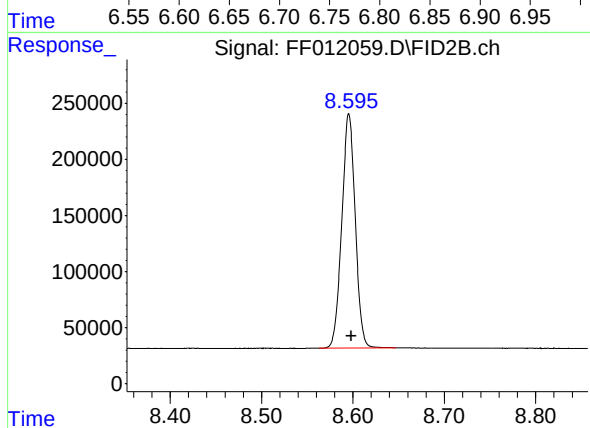
#2 N-DECANE

R.T.: 4.606 min  
Delta R.T.: -0.002 min  
Response: 2019358  
Conc: 17.13 ug/ml



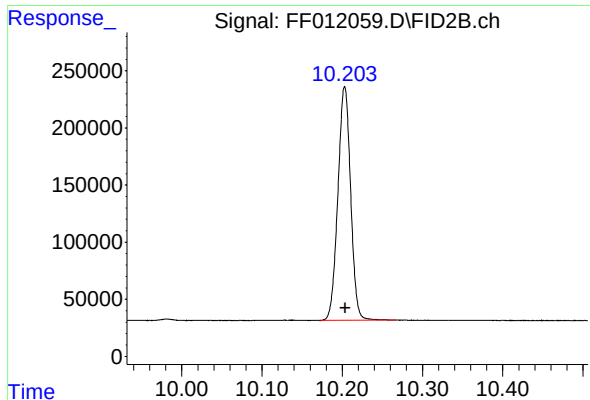
#3 N-DODECANE

R.T.: 6.769 min  
Delta R.T.: -0.003 min  
Response: 2105111  
Conc: 17.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.596 min  
Delta R.T.: -0.003 min  
Response: 2141438  
Conc: 17.78 ug/ml



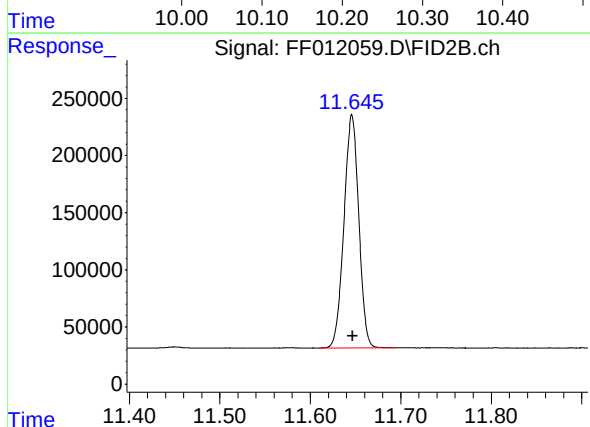
#5 N-HEXADECANE

R.T.: 10.203 min  
Delta R.T.: 0.000 min  
Response: 2259401  
Conc: 18.11 ug/ml

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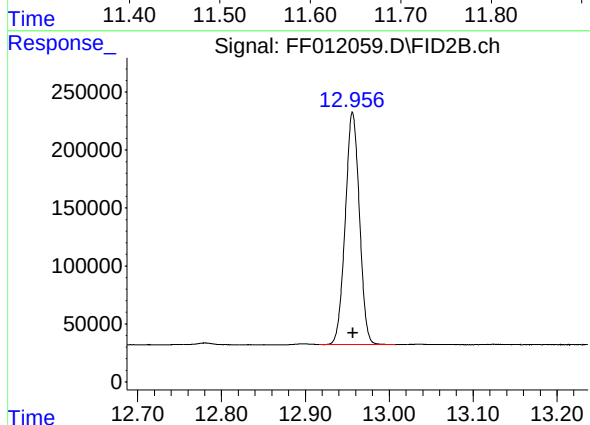
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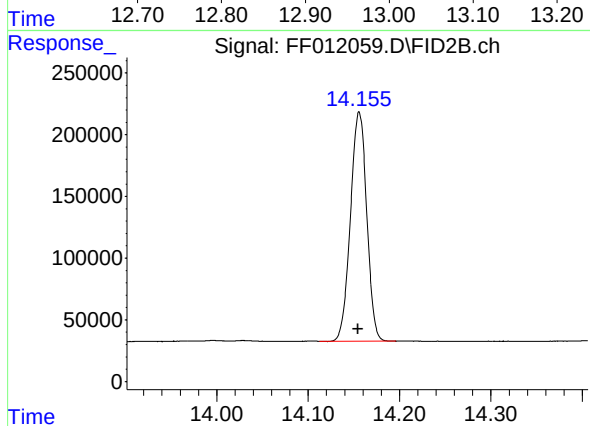
#6 N-OCTADECANE

R.T.: 11.646 min  
Delta R.T.: 0.000 min  
Response: 2324028  
Conc: 18.28 ug/ml



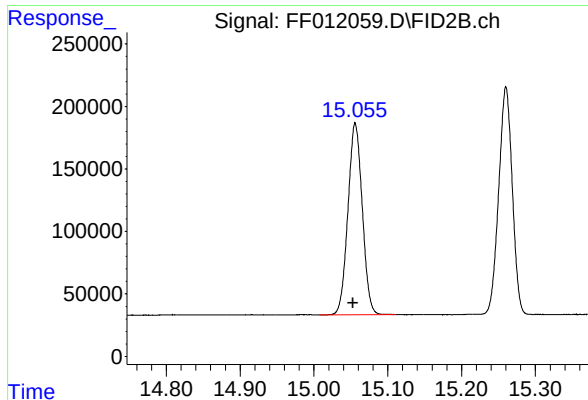
#7 N-EICOSANE

R.T.: 12.956 min  
Delta R.T.: 0.000 min  
Response: 2355712  
Conc: 18.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.156 min  
Delta R.T.: 0.001 min  
Response: 2300492  
Conc: 18.05 ug/ml



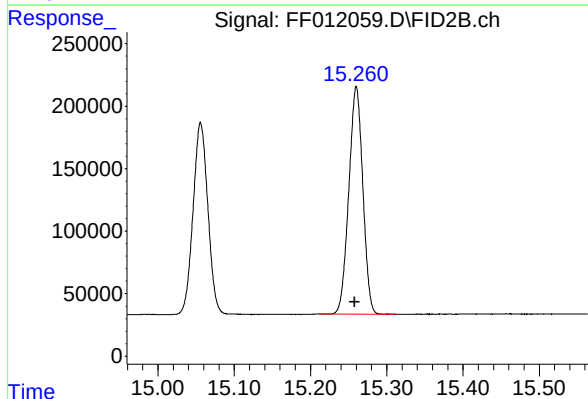
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.056 min  
Delta R.T.: 0.003 min  
Response: 2067301  
Conc: 17.94 ug/ml

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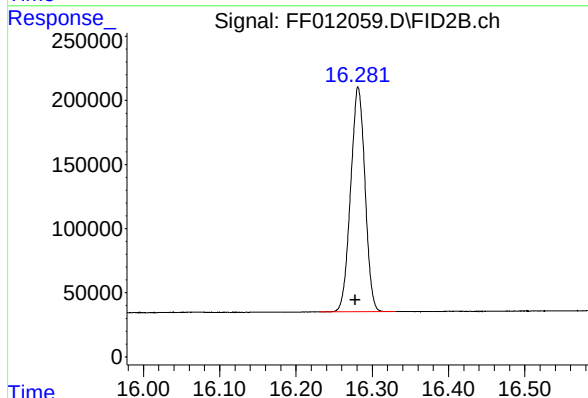
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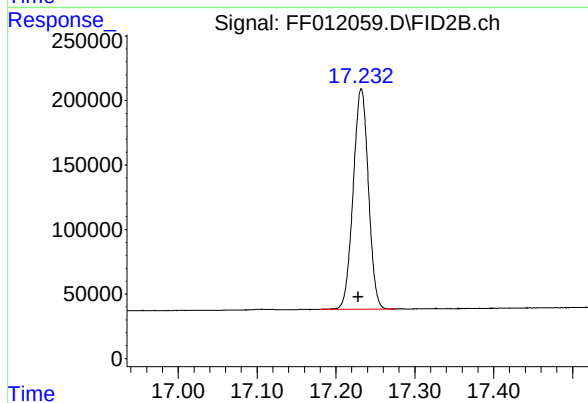
#10 N-TETRACOSANE

R.T.: 15.260 min  
Delta R.T.: 0.002 min  
Response: 2322310  
Conc: 17.85 ug/ml



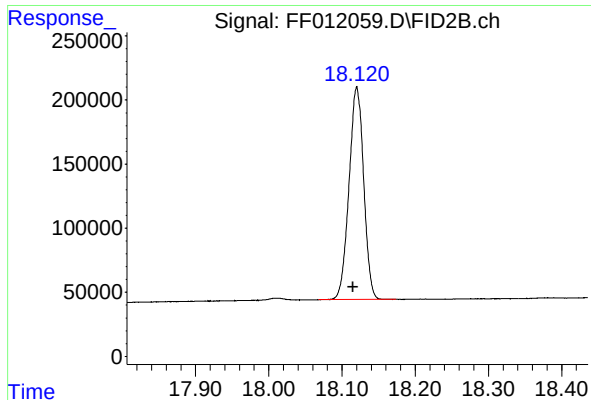
#11 N-HEXACOSANE

R.T.: 16.282 min  
Delta R.T.: 0.004 min  
Response: 2294246  
Conc: 17.63 ug/ml



#12 N-OCTACOSANE

R.T.: 17.232 min  
Delta R.T.: 0.004 min  
Response: 2287861  
Conc: 17.59 ug/ml



#13 N-TRIACONTANE

R.T.: 18.120 min  
Delta R.T.: 0.005 min  
Response: 2307730  
Conc: 17.88 ug/ml

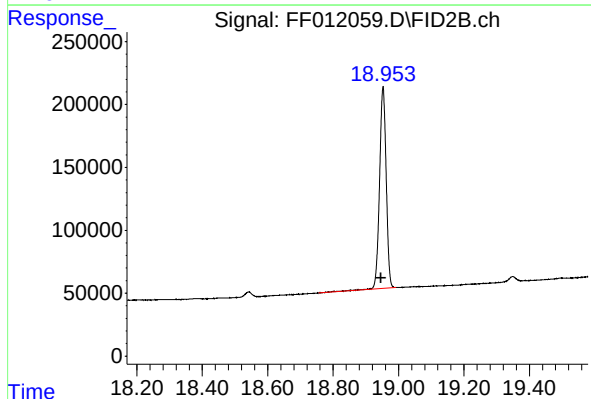
Instrument :

FID\_F

ClientSampleId :  
PB150812BS

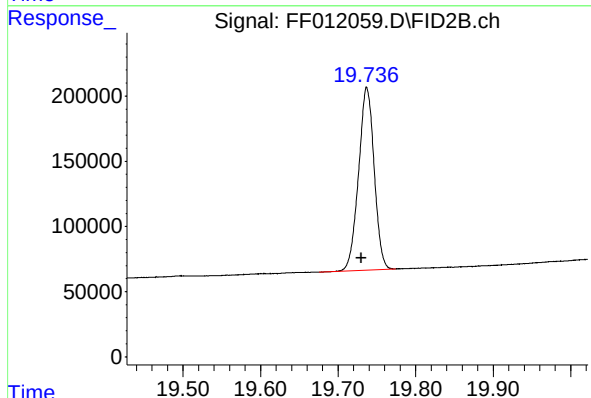
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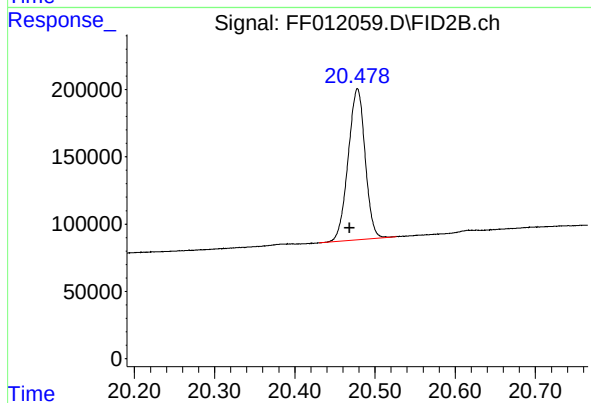
#14 N-DOTRIACONTANE

R.T.: 18.953 min  
Delta R.T.: 0.006 min  
Response: 2254840  
Conc: 17.33 ug/ml



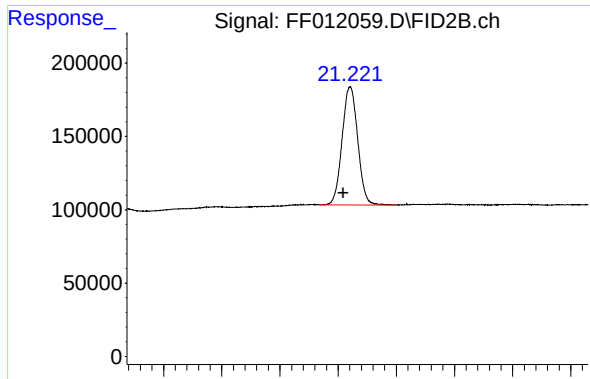
#15 N-TETRATRIACONTANE

R.T.: 19.737 min  
Delta R.T.: 0.007 min  
Response: 1958808  
Conc: 17.59 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.478 min  
Delta R.T.: 0.010 min  
Response: 1649792  
Conc: 16.06 ug/ml m



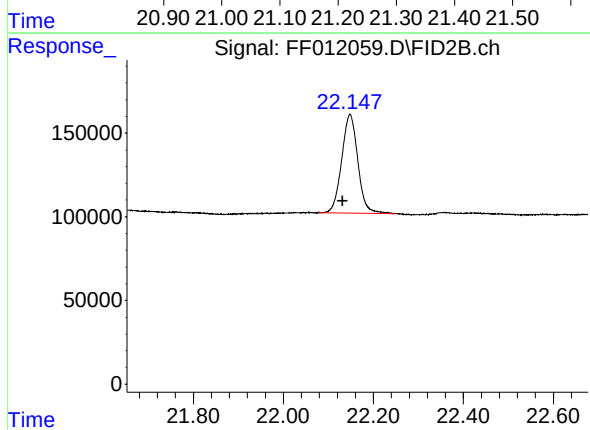
#17 N-OCTATRIACONTANE

R.T.: 21.221 min  
Delta R.T.: 0.012 min  
Response: 1506395  
Conc: 15.29 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.148 min  
Delta R.T.: 0.016 min  
Response: 1470662  
Conc: 14.19 ug/ml