

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071425\  
 Data File : FF016155.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Jul 2025 16:19  
 Operator : YP\AJ  
 Sample : PB168834BS  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB168834BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025  
 Supervised By :mohammad ahmed 07/16/2025

Integration File: autoint1.e  
 Quant Time: Jul 15 00:48:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF071025.M  
 Quant Title :  
 QLast Update : Thu Jul 10 12:51:11 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... | 15.099 | 1781091  | 18.291 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.072  | 1836877  | 14.726 ug/ml  |
| 2) N-DECANE                   | 4.613  | 2088805  | 16.784 ug/ml  |
| 3) N-DODECANE                 | 6.791  | 2076303  | 17.039 ug/ml  |
| 4) N-TETRADECANE              | 8.625  | 2064108  | 17.169 ug/ml  |
| 5) N-HEXADECANE               | 10.235 | 2033266  | 17.479 ug/ml  |
| 6) N-OCTADECANE               | 11.682 | 2059107  | 17.719 ug/ml  |
| 7) N-EICOSANE                 | 12.995 | 2090748  | 17.877 ug/ml  |
| 8) N-DOCOSANE                 | 14.197 | 2017137  | 17.990 ug/ml  |
| 10) N-TETRACOSANE             | 15.304 | 2004342  | 18.072 ug/ml  |
| 11) N-HEXACOSANE              | 16.328 | 1947364  | 18.136 ug/ml  |
| 12) N-OCTACOSANE              | 17.281 | 1935249  | 17.997 ug/ml  |
| 13) N-TRIACONTANE             | 18.172 | 1922601  | 17.751 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.008 | 1862093  | 17.757 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.796 | 1606244  | 16.742 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.536 | 1520984  | 18.232 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.305 | 1389525  | 18.868 ug/mlm |
| 18) N-TETRACONTANE            | 22.267 | 1391874  | 20.463 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168834BS  
Misc :  
ALS Vial : 74 Sample Multiplier: 1

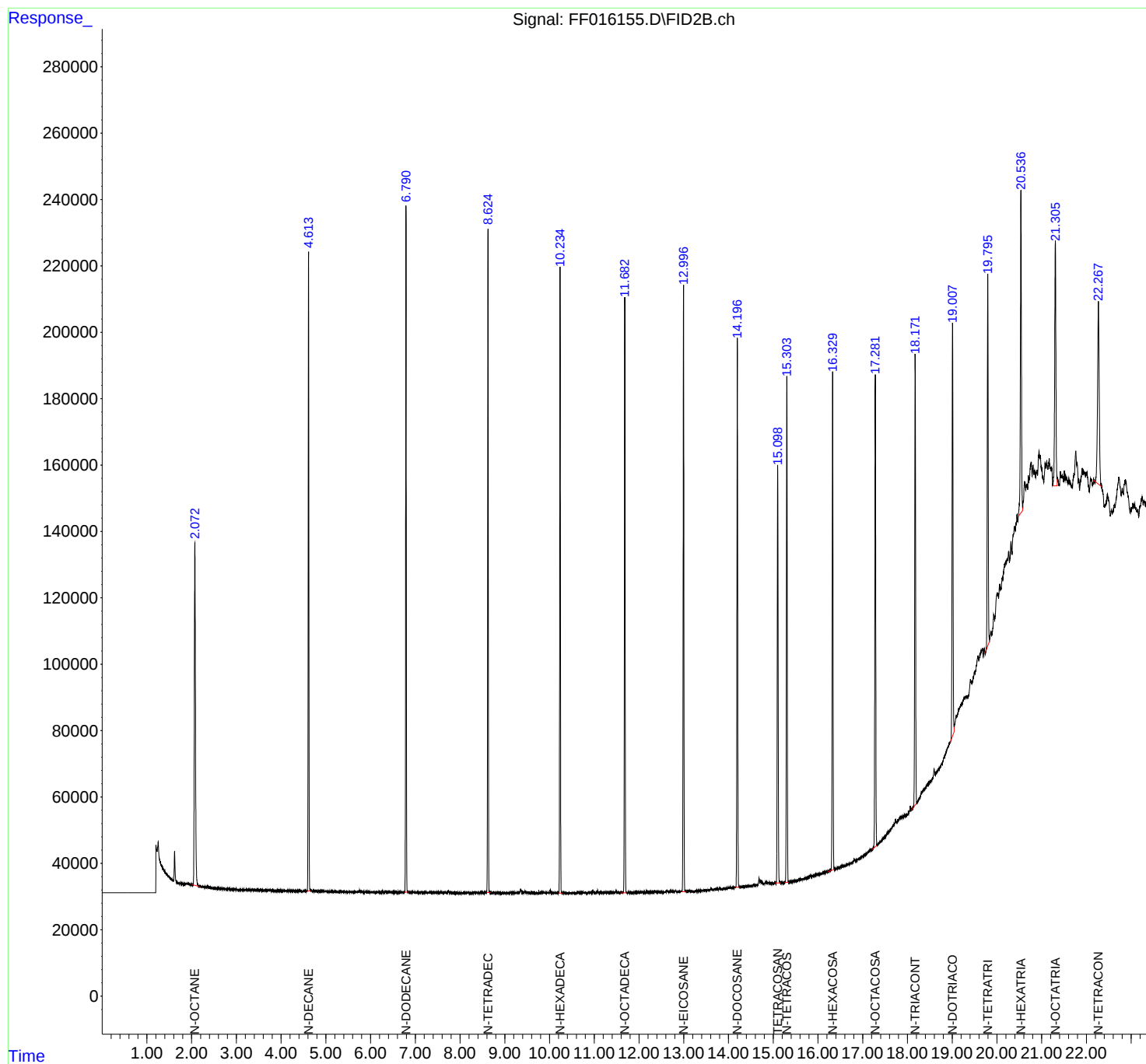
Instrument :  
FID\_F  
ClientSampleId :  
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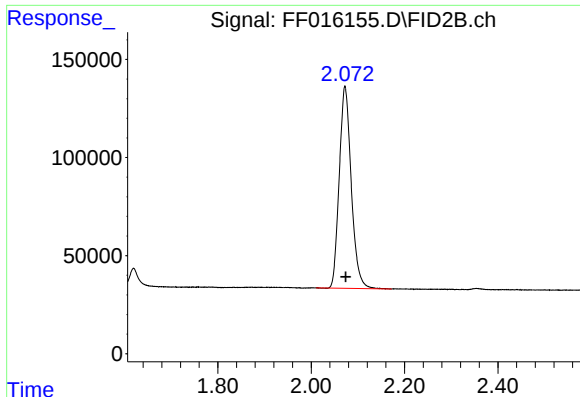
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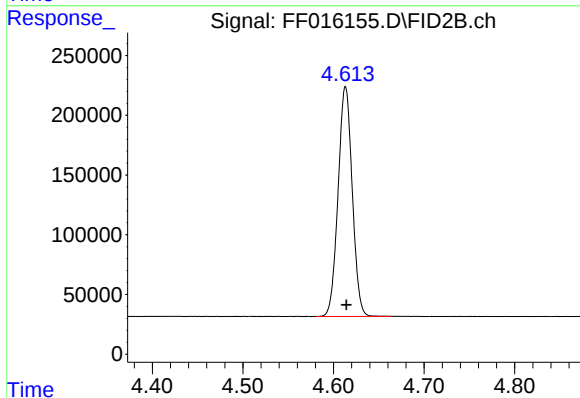
#1 N-OCTANE

R.T.: 2.072 min  
Delta R.T.: -0.002 min  
Response: 1836877  
Conc: 14.73 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
PB168834BS

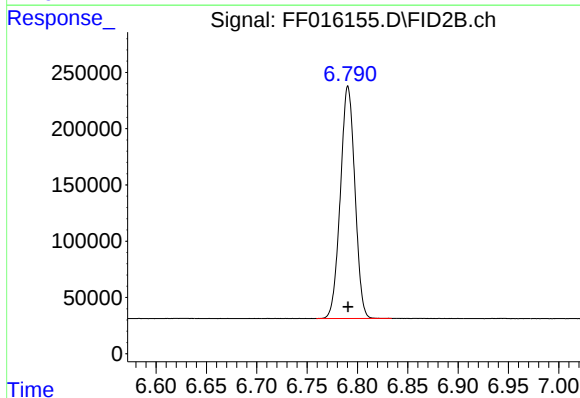
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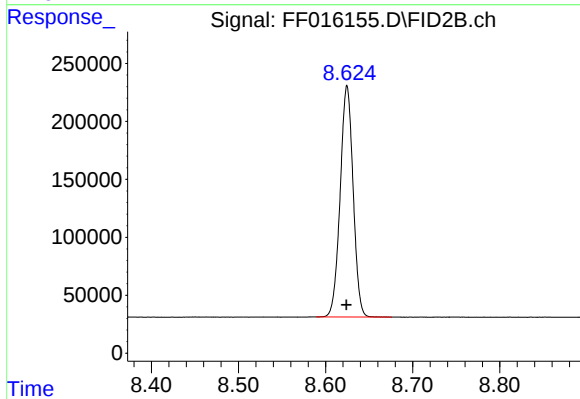
#2 N-DECANE

R.T.: 4.613 min  
Delta R.T.: 0.000 min  
Response: 2088805  
Conc: 16.78 ug/ml



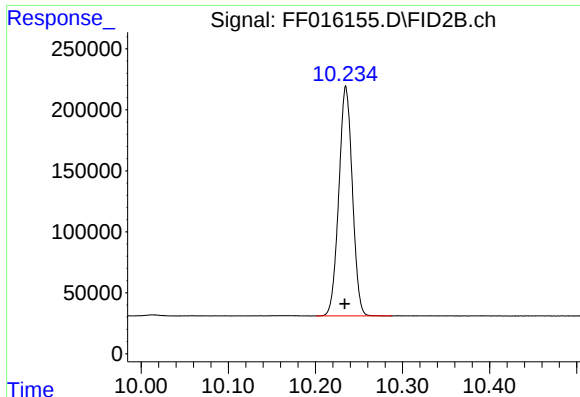
#3 N-DODECANE

R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 2076303  
Conc: 17.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.625 min  
Delta R.T.: 0.000 min  
Response: 2064108  
Conc: 17.17 ug/ml



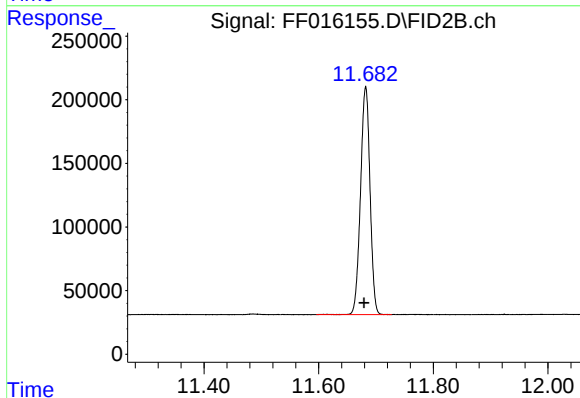
#5 N-HEXADECANE

R.T.: 10.235 min  
Delta R.T.: 0.001 min  
Response: 2033266  
Conc: 17.48 ug/ml

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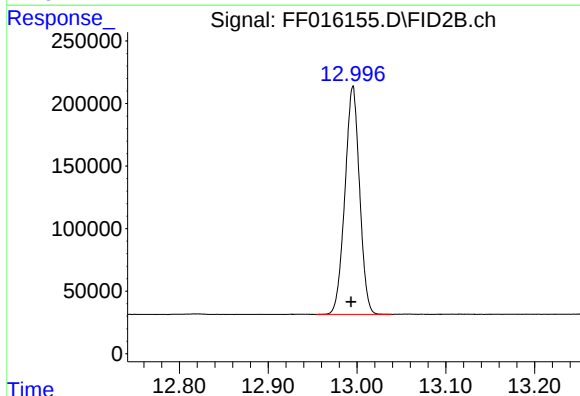
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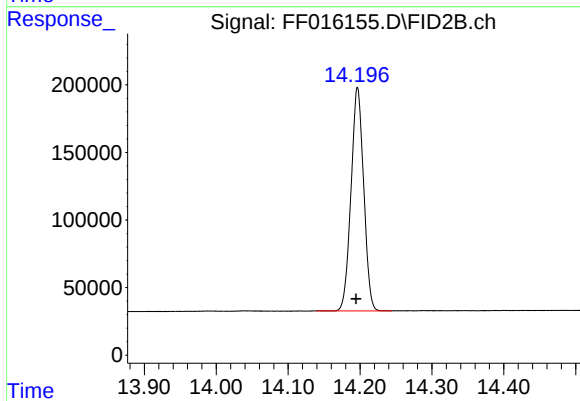
#6 N-OCTADECANE

R.T.: 11.682 min  
Delta R.T.: 0.003 min  
Response: 2059107  
Conc: 17.72 ug/ml



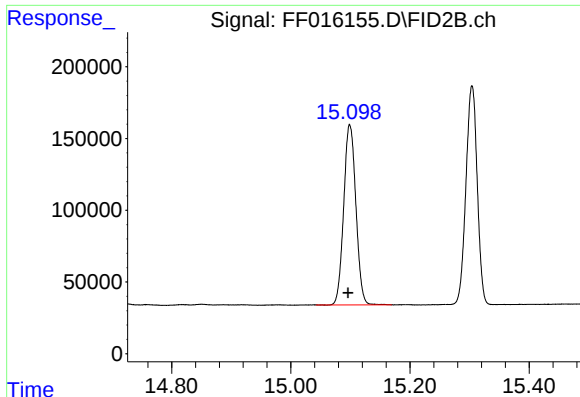
#7 N-EICOSANE

R.T.: 12.995 min  
Delta R.T.: 0.002 min  
Response: 2090748  
Conc: 17.88 ug/ml



#8 N-DOCOSANE

R.T.: 14.197 min  
Delta R.T.: 0.002 min  
Response: 2017137  
Conc: 17.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.099 min  
Delta R.T.: 0.003 min  
Response: 1781091  
Conc: 18.29 ug/ml

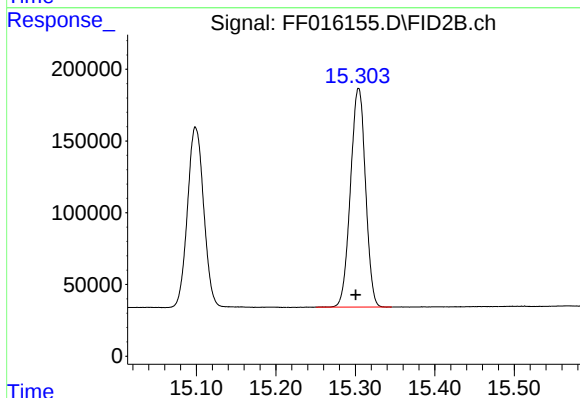
Instrument :

FID\_F

ClientSampleId :  
PB168834BS

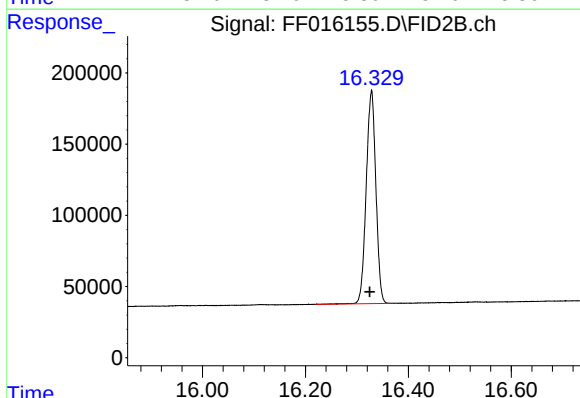
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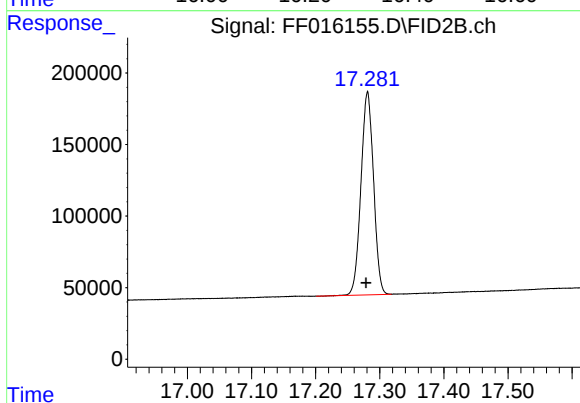
#10 N-TETRACOSANE

R.T.: 15.304 min  
Delta R.T.: 0.004 min  
Response: 2004342  
Conc: 18.07 ug/ml



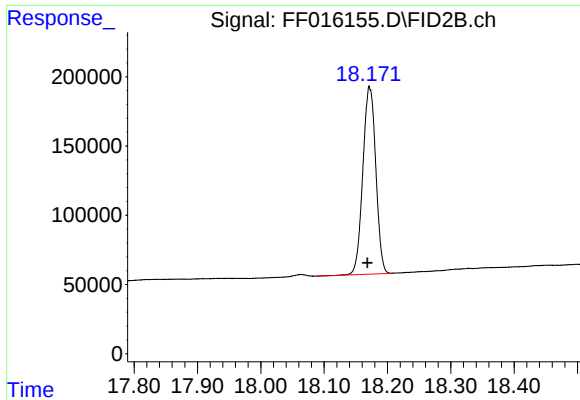
#11 N-HEXACOSANE

R.T.: 16.328 min  
Delta R.T.: 0.003 min  
Response: 1947364  
Conc: 18.14 ug/ml



#12 N-OCTACOSANE

R.T.: 17.281 min  
Delta R.T.: 0.002 min  
Response: 1935249  
Conc: 18.00 ug/ml



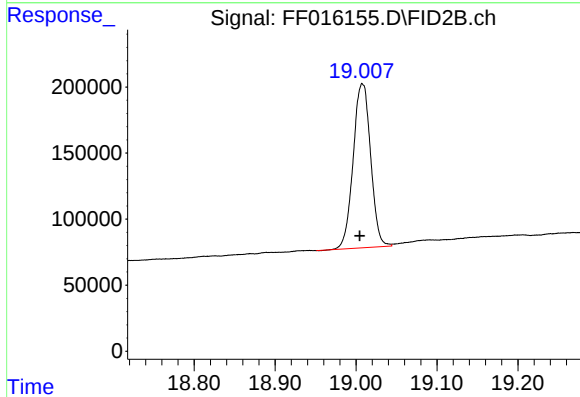
#13 N-TRIACONTANE

R.T.: 18.172 min  
Delta R.T.: 0.003 min  
Response: 1922601  
Conc: 17.75 ug/ml

Instrument :  
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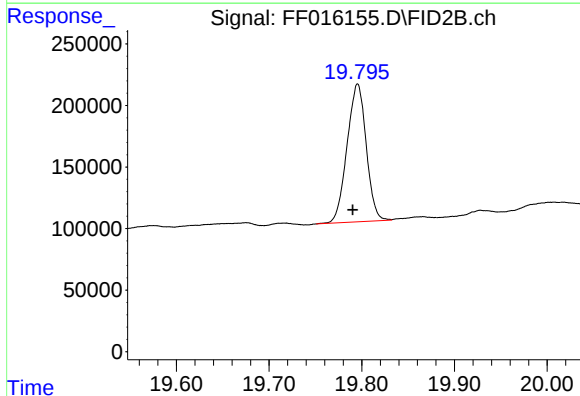
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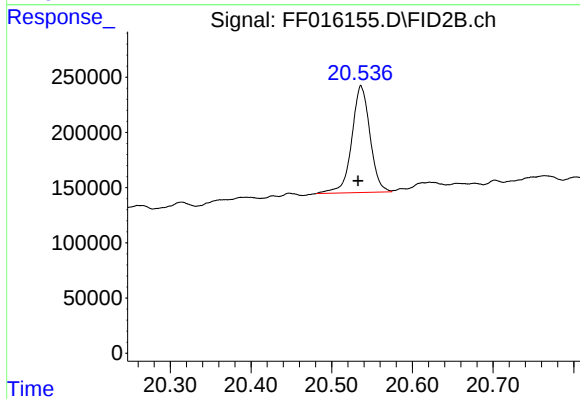
#14 N-DOTRIACONTANE

R.T.: 19.008 min  
Delta R.T.: 0.004 min  
Response: 1862093  
Conc: 17.76 ug/ml



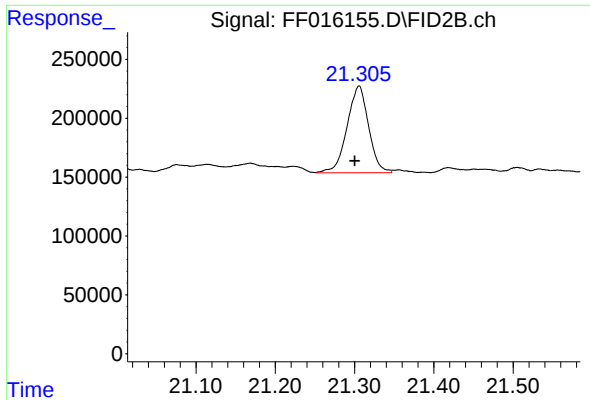
#15 N-TETRATRIACONTANE

R.T.: 19.796 min  
Delta R.T.: 0.005 min  
Response: 1606244  
Conc: 16.74 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.536 min  
Delta R.T.: 0.004 min  
Response: 1520984  
Conc: 18.23 ug/ml



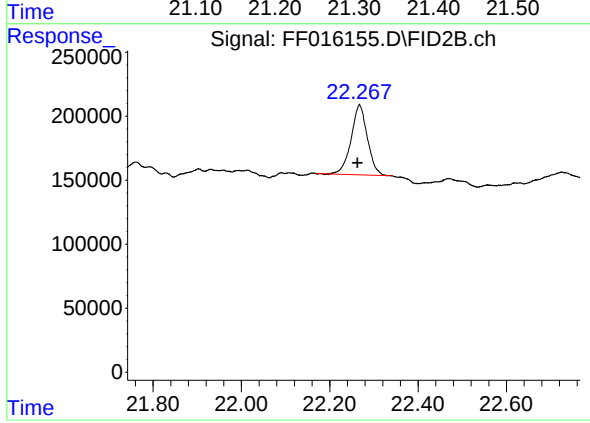
#17 N-OCTATRIACONTANE

R.T.: 21.305 min  
Delta R.T.: 0.005 min  
Response: 1389525  
Conc: 18.87 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 22.267 min  
Delta R.T.: 0.005 min  
Response: 1391874  
Conc: 20.46 ug/ml