

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102623\  
 Data File : FG013105.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Oct 2023 16:10  
 Operator : YP\AJ  
 Sample : PB156665BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB156665BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023  
 Supervised By :Ankita Jodhani 10/27/2023

Integration File: autoint1.e  
 Quant Time: Oct 27 01:07:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG101623.M  
 Quant Title :  
 QLast Update : Mon Oct 16 12:31:23 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... | 15.090 | 2120873  | 20.246 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.071  | 2359794  | 20.751 ug/ml  |
| 2) N-DECANE                   | 4.596  | 2373472  | 20.644 ug/ml  |
| 3) N-DODECANE                 | 6.773  | 2360397  | 20.435 ug/ml  |
| 4) N-TETRADECANE              | 8.608  | 2327486  | 20.412 ug/ml  |
| 5) N-HEXADECANE               | 10.222 | 2361615  | 20.338 ug/ml  |
| 6) N-OCTADECANE               | 11.670 | 2359198  | 20.318 ug/ml  |
| 7) N-EICOSANE                 | 12.985 | 2349476  | 20.411 ug/ml  |
| 8) N-DOCOSANE                 | 14.188 | 2257599  | 20.403 ug/ml  |
| 10) N-TETRACOSANE             | 15.294 | 2241937  | 20.405 ug/ml  |
| 11) N-HEXACOSANE              | 16.318 | 2204129  | 20.482 ug/ml  |
| 12) N-OCTACOSANE              | 17.271 | 2201015  | 20.643 ug/ml  |
| 13) N-TRIACONTANE             | 18.158 | 2228591  | 20.808 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.992 | 2176844  | 20.797 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.777 | 1899183  | 20.866 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.518 | 1543145  | 20.981 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.275 | 1434230  | 20.264 ug/ml  |
| 18) N-TETRACONTANE            | 22.229 | 1463734  | 20.193 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 26 Oct 2023 16:10  
Operator : YP\AJ  
Sample : PB156665BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

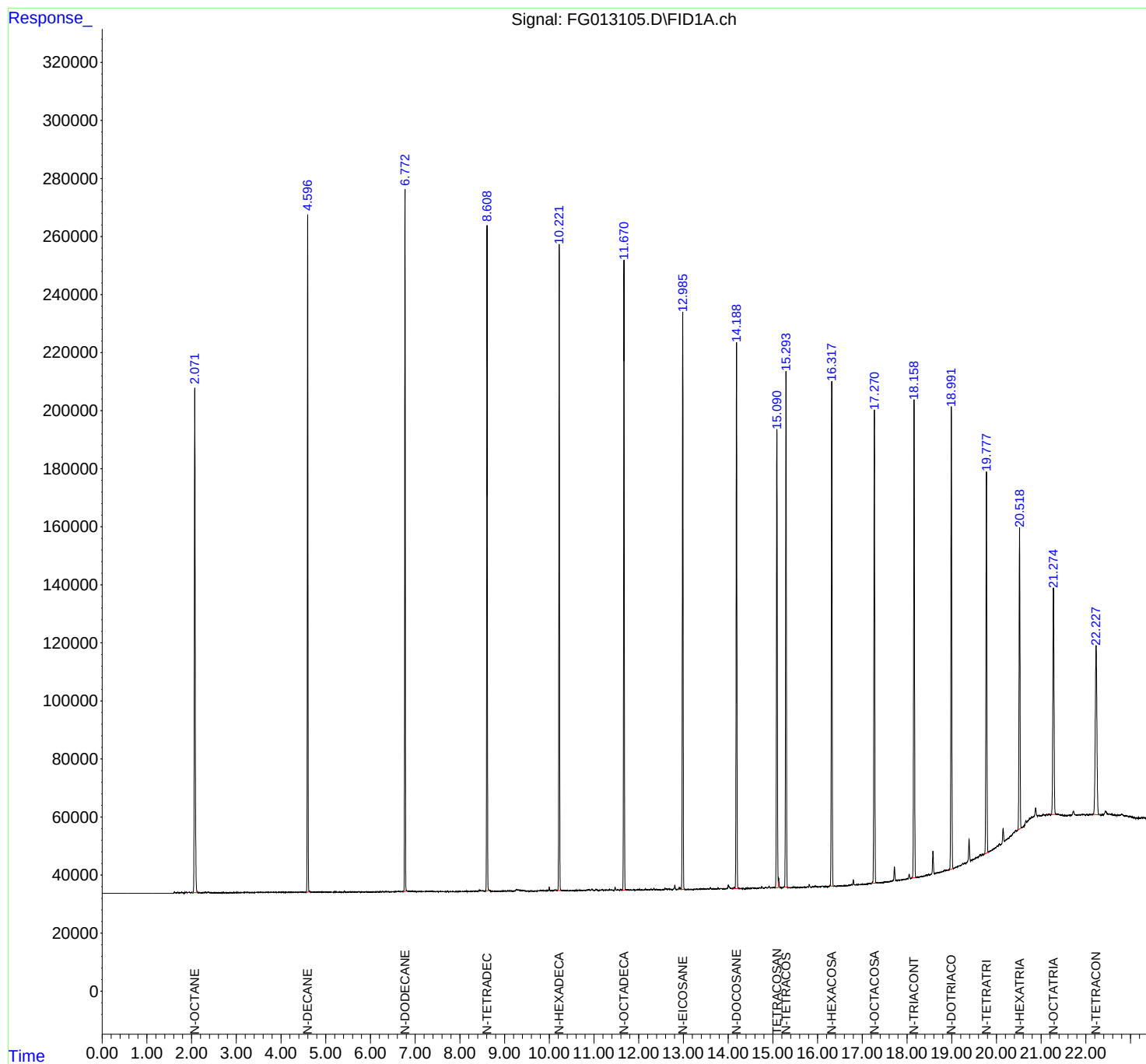
Instrument :  
FID\_G  
ClientSampleId :  
PB156665BSD

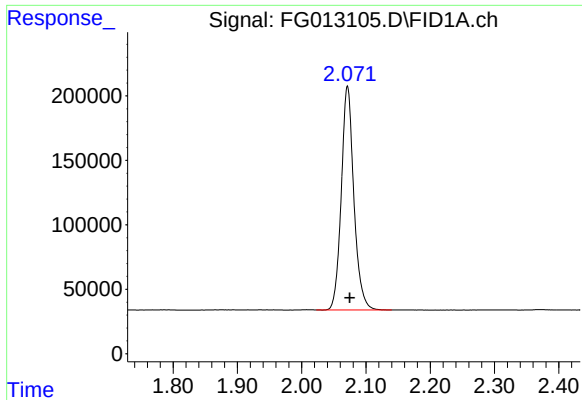
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Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.071 min  
Delta R.T.: -0.004 min  
Response: 2359794  
Conc: 20.75 ug/ml

Instrument :

FID\_G

ClientSampleId :

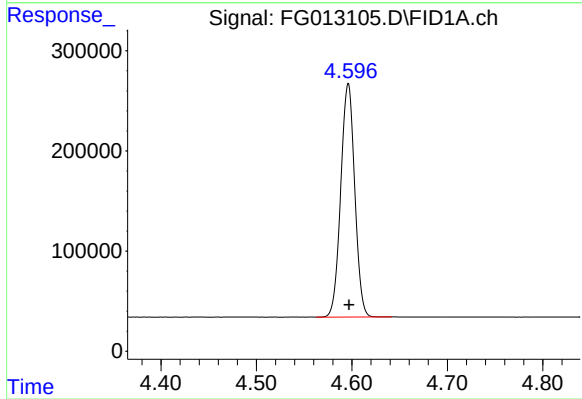
PB156665BSD

Manual Integrations

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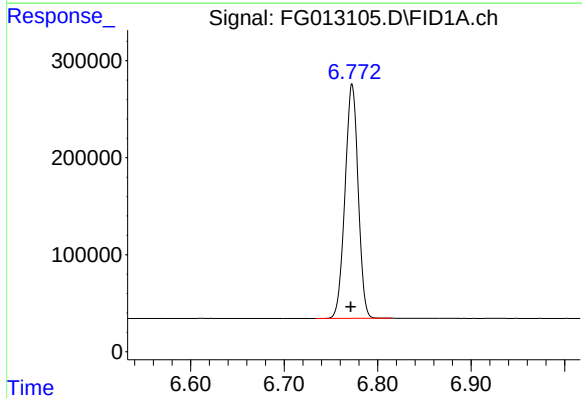
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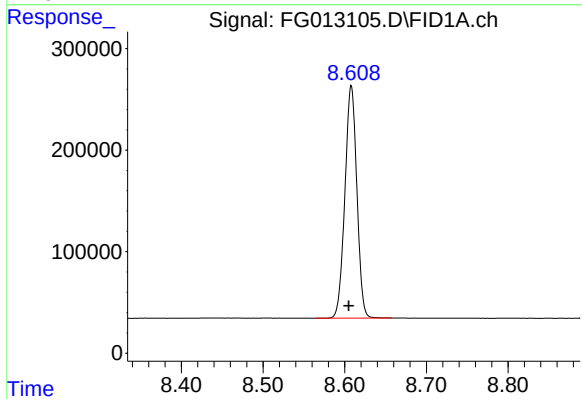
#2 N-DECANE

R.T.: 4.596 min  
Delta R.T.: 0.000 min  
Response: 2373472  
Conc: 20.64 ug/ml



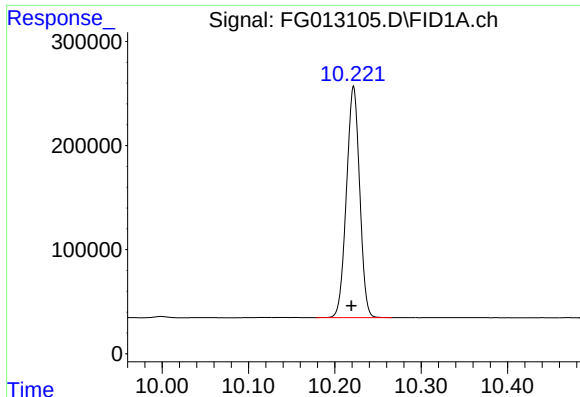
#3 N-DODECANE

R.T.: 6.773 min  
Delta R.T.: 0.002 min  
Response: 2360397  
Conc: 20.43 ug/ml



#4 N-TETRADECANE

R.T.: 8.608 min  
Delta R.T.: 0.003 min  
Response: 2327486  
Conc: 20.41 ug/ml



#5 N-HEXADECANE

R.T.: 10.222 min  
Delta R.T.: 0.003 min  
Response: 2361615  
Conc: 20.34 ug/ml

Instrument :

FID\_G

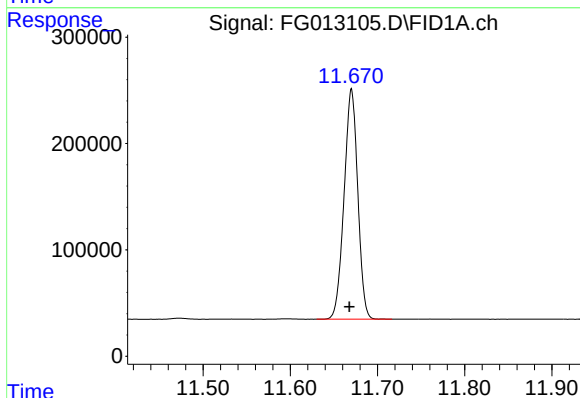
ClientSampleId :

PB156665BSD

Manual Integrations

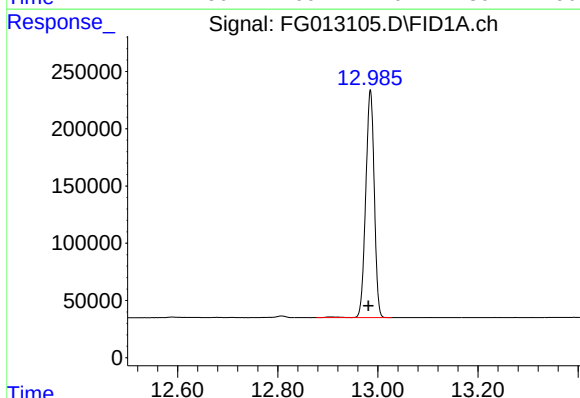
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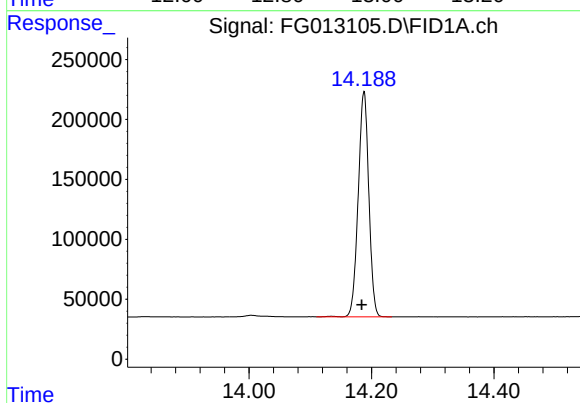
#6 N-OCTADECANE

R.T.: 11.670 min  
Delta R.T.: 0.002 min  
Response: 2359198  
Conc: 20.32 ug/ml



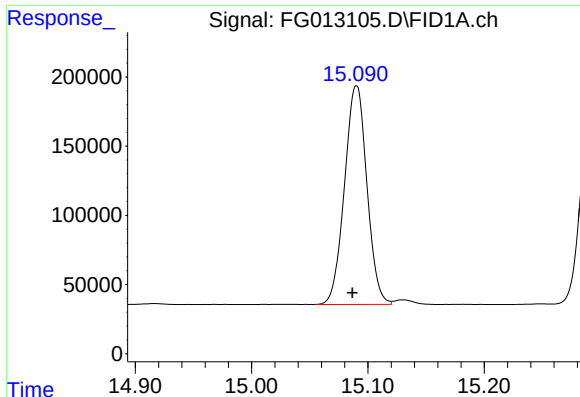
#7 N-EICOSANE

R.T.: 12.985 min  
Delta R.T.: 0.004 min  
Response: 2349476  
Conc: 20.41 ug/ml



#8 N-DOCOSANE

R.T.: 14.188 min  
Delta R.T.: 0.004 min  
Response: 2257599  
Conc: 20.40 ug/ml



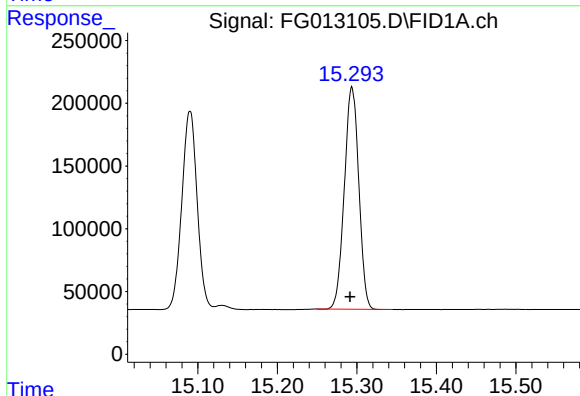
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.090 min  
Delta R.T.: 0.003 min  
Response: 2120873  
Conc: 20.25 ug/ml

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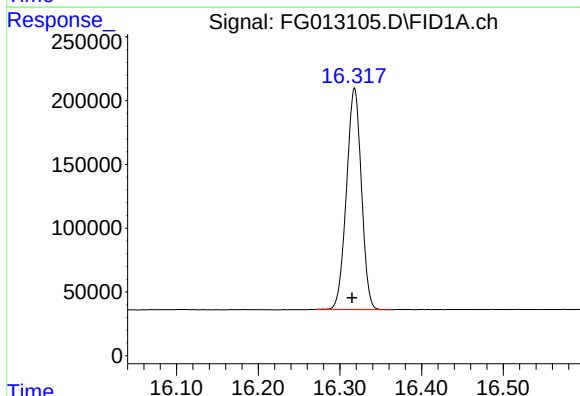
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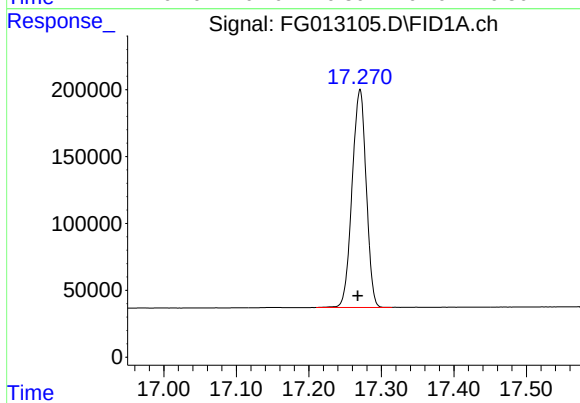
#10 N-TETRACOSANE

R.T.: 15.294 min  
Delta R.T.: 0.002 min  
Response: 2241937  
Conc: 20.41 ug/ml



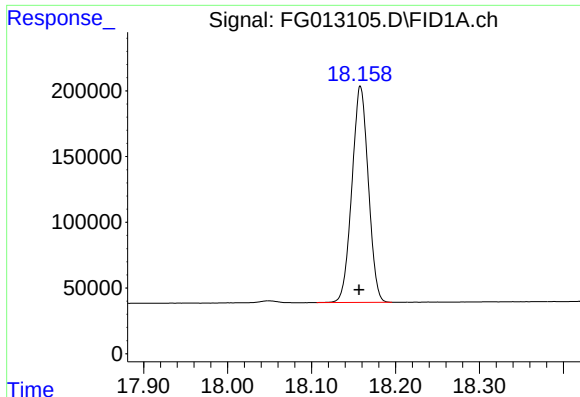
#11 N-HEXACOSANE

R.T.: 16.318 min  
Delta R.T.: 0.003 min  
Response: 2204129  
Conc: 20.48 ug/ml



#12 N-OCTACOSANE

R.T.: 17.271 min  
Delta R.T.: 0.003 min  
Response: 2201015  
Conc: 20.64 ug/ml



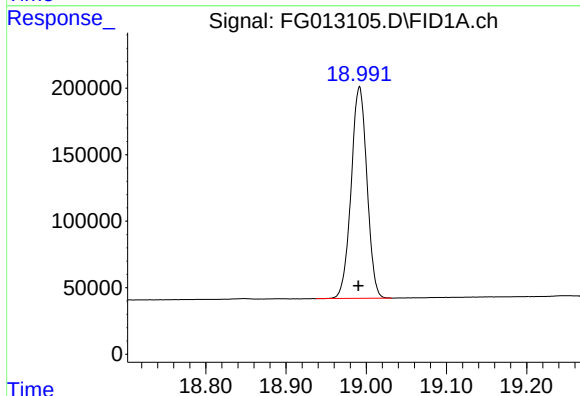
#13 N-TRIACONTANE

R.T.: 18.158 min  
Delta R.T.: 0.002 min  
Response: 2228591  
Conc: 20.81 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB156665BSD

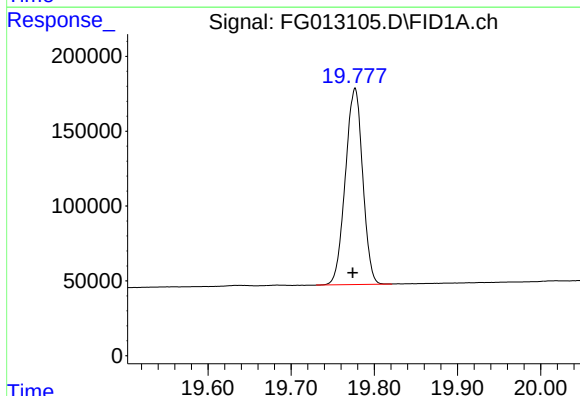
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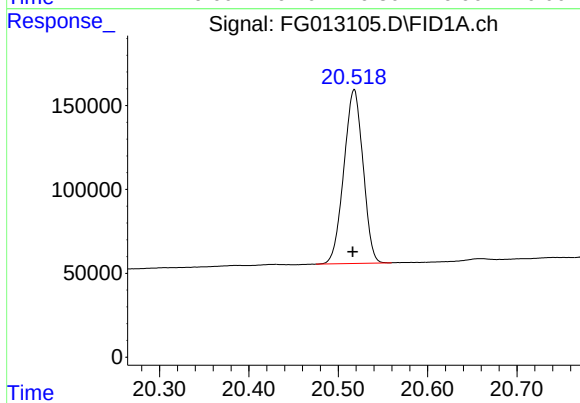
#14 N-DOTRIACONTANE

R.T.: 18.992 min  
Delta R.T.: 0.001 min  
Response: 2176844  
Conc: 20.80 ug/ml



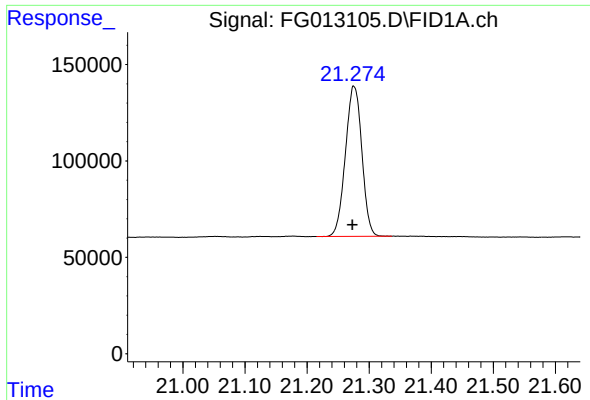
#15 N-TETRATRIACONTANE

R.T.: 19.777 min  
Delta R.T.: 0.003 min  
Response: 1899183  
Conc: 20.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.518 min  
Delta R.T.: 0.002 min  
Response: 1543145  
Conc: 20.98 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.275 min  
Delta R.T.: 0.002 min  
Response: 1434230  
Conc: 20.26 ug/ml

Instrument :

FID\_G

ClientSampleId :

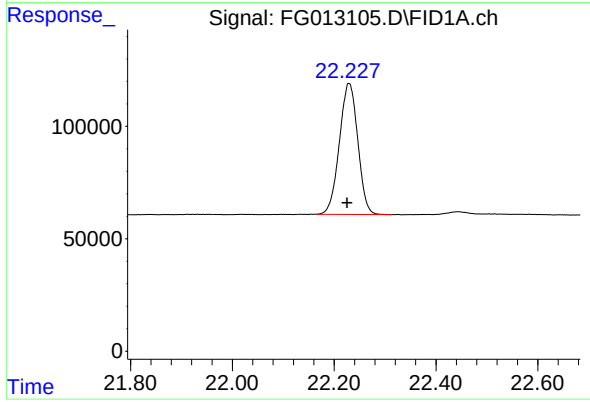
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#18 N-TETRACONTANE

R.T.: 22.229 min  
Delta R.T.: 0.004 min  
Response: 1463734  
Conc: 20.19 ug/ml