

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032923\  
 Data File : FG011689.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Mar 2023 15:09  
 Operator : YP\AJ  
 Sample : 02102-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 CHAMBER-C-72-EASTMSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/30/2023  
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e  
 Quant Time: Mar 29 18:01:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG031523.M  
 Quant Title :  
 QLast Update : Wed Mar 15 18:43:49 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... | 15.045 | 1552572  | 15.425 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.055  | 1545549  | 13.133 ug/ml  |
| 2) N-DECANE                   | 4.574  | 1884092  | 15.590 ug/ml  |
| 3) N-DODECANE                 | 6.744  | 2029740  | 16.634 ug/ml  |
| 4) N-TETRADECANE              | 8.574  | 2087008  | 17.150 ug/ml  |
| 5) N-HEXADECANE               | 10.186 | 2308066  | 18.717 ug/ml  |
| 6) N-OCTADECANE               | 11.631 | 2212039  | 18.111 ug/mlm |
| 7) N-EICOSANE                 | 12.944 | 2217315  | 18.453 ug/ml  |
| 8) N-DOCOSANE                 | 14.145 | 2109395  | 18.389 ug/ml  |
| 10) N-TETRACOSANE             | 15.249 | 2172861  | 19.236 ug/ml  |
| 11) N-HEXACOSANE              | 16.273 | 2046824  | 18.954 ug/ml  |
| 12) N-OCTACOSANE              | 17.224 | 2078526  | 20.045 ug/ml  |
| 13) N-TRIACONTANE             | 18.114 | 1999134  | 20.173 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.949 | 2022156  | 21.803 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.735 | 2107516  | 24.998 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.476 | 2305443  | 29.947 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.225 | 2524727  | 33.534 ug/ml  |
| 18) N-TETRACONTANE            | 22.161 | 2642358  | 36.003 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 02102-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

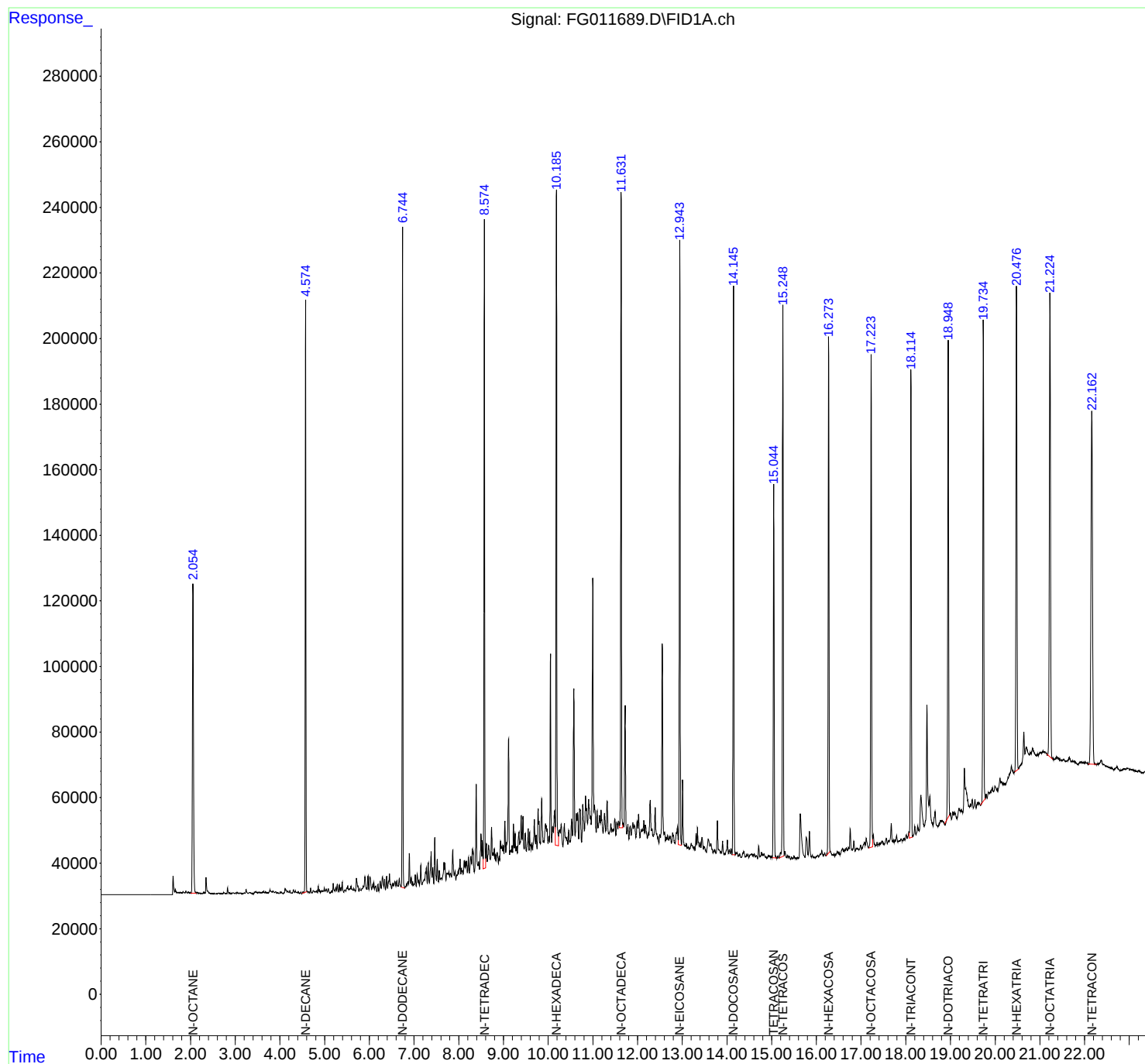
Instrument :  
FID\_G  
ClientSampleId :  
CHAMBER-C-72-EASTMSD

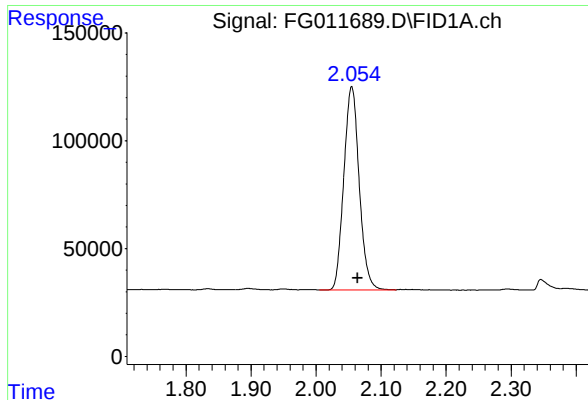
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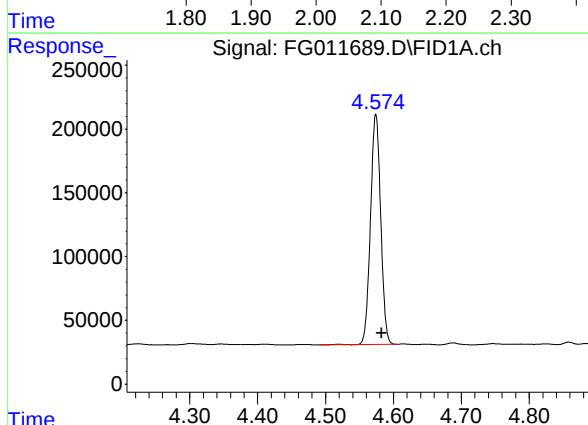
#1 N-OCTANE

R.T.: 2.055 min  
Delta R.T.: -0.009 min  
Response: 1545549  
Conc: 13.13 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
CHAMBER-C-72-EASTMSD

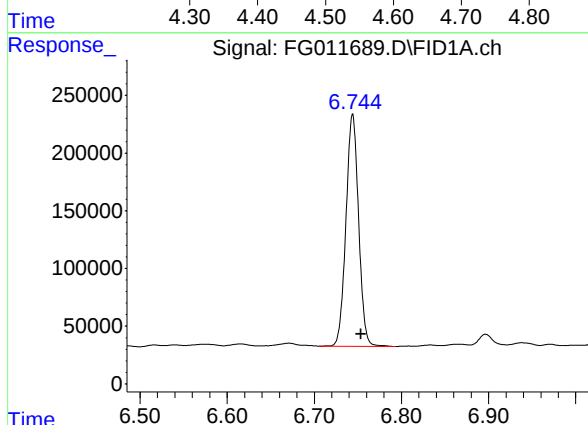
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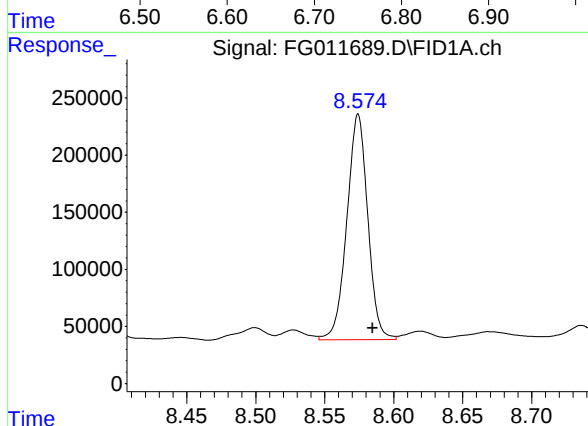
#2 N-DECANE

R.T.: 4.574 min  
Delta R.T.: -0.009 min  
Response: 1884092  
Conc: 15.59 ug/ml



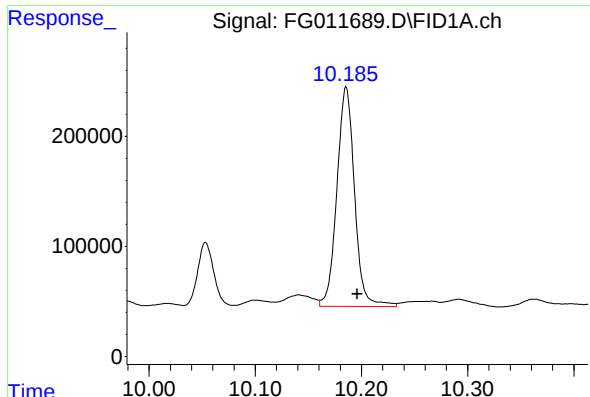
#3 N-DODECANE

R.T.: 6.744 min  
Delta R.T.: -0.010 min  
Response: 2029740  
Conc: 16.63 ug/ml



#4 N-TETRADECANE

R.T.: 8.574 min  
Delta R.T.: -0.010 min  
Response: 2087008  
Conc: 17.15 ug/ml



#5 N-HEXADECANE

R.T.: 10.186 min  
Delta R.T.: -0.011 min  
Response: 2308066  
Conc: 18.72 ug/ml

Instrument :

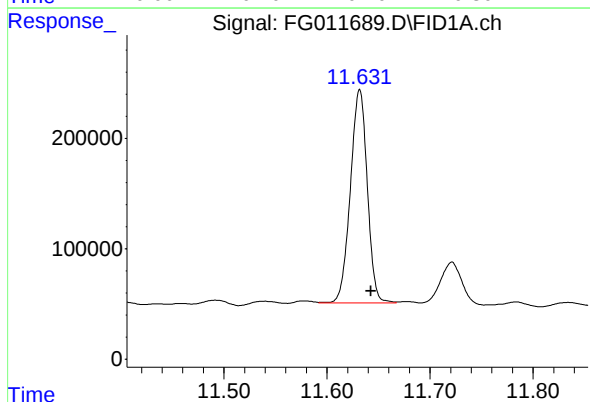
FID\_G

ClientSampleId :

CHAMBER-C-72-EASTMSD

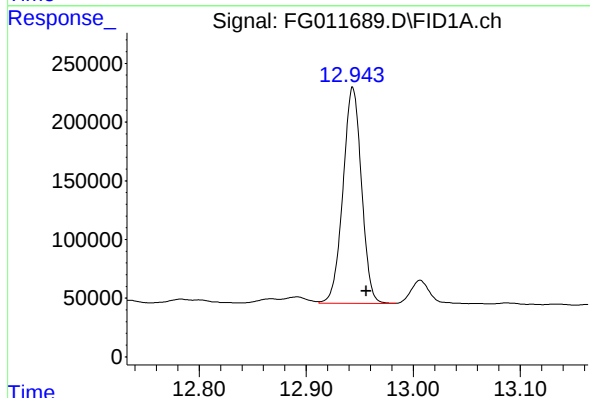
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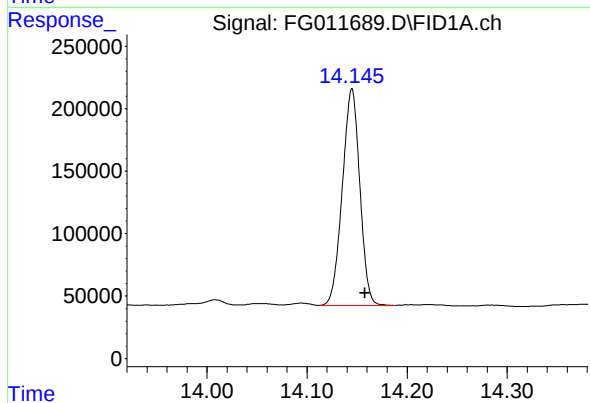
#6 N-OCTADECANE

R.T.: 11.631 min  
Delta R.T.: -0.011 min  
Response: 2212039  
Conc: 18.11 ug/ml



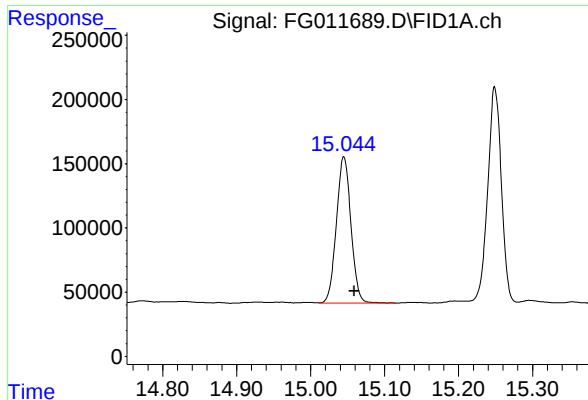
#7 N-EICOSANE

R.T.: 12.944 min  
Delta R.T.: -0.013 min  
Response: 2217315  
Conc: 18.45 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min  
Delta R.T.: -0.013 min  
Response: 2109395  
Conc: 18.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min  
Delta R.T.: -0.014 min  
Response: 1552572  
Conc: 15.42 ug/ml

Instrument :

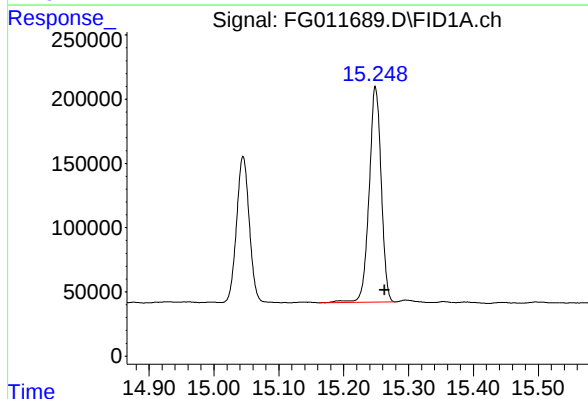
FID\_G

ClientSampleId :

CHAMBER-C-72-EASTMSD

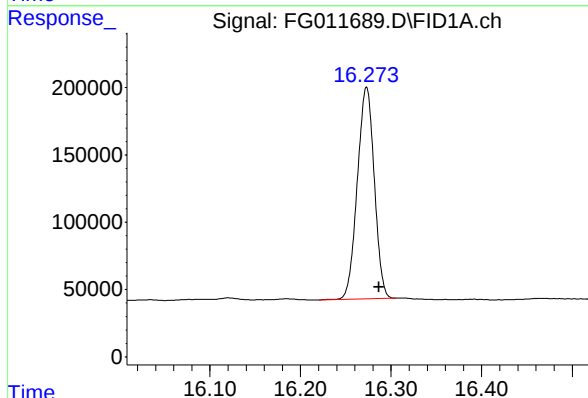
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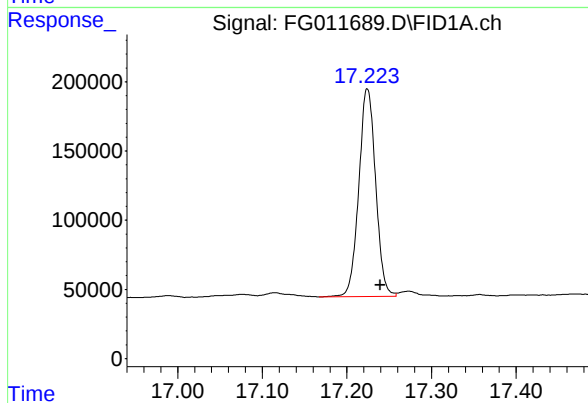
#10 N-TETRACOSANE

R.T.: 15.249 min  
Delta R.T.: -0.015 min  
Response: 2172861  
Conc: 19.24 ug/ml



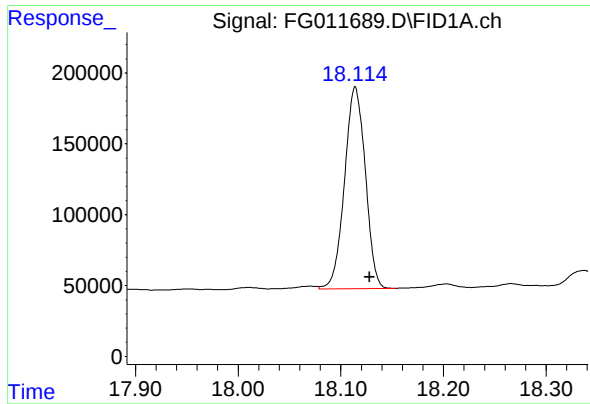
#11 N-HEXACOSANE

R.T.: 16.273 min  
Delta R.T.: -0.014 min  
Response: 2046824  
Conc: 18.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.224 min  
Delta R.T.: -0.015 min  
Response: 2078526  
Conc: 20.04 ug/ml



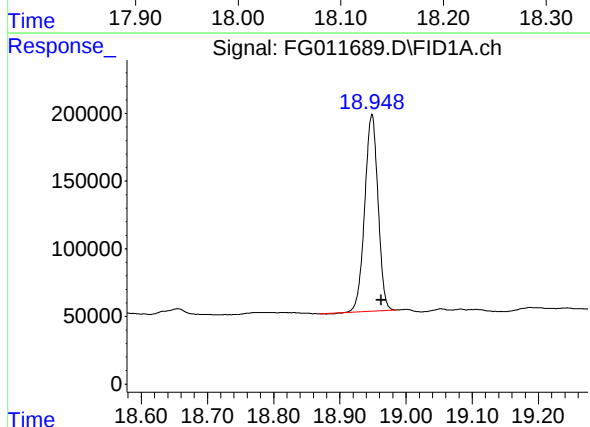
#13 N-TRIACONTANE

R.T.: 18.114 min  
Delta R.T.: -0.014 min  
Response: 1999134  
Conc: 20.17 ug/ml

Instrument :  
FID\_G  
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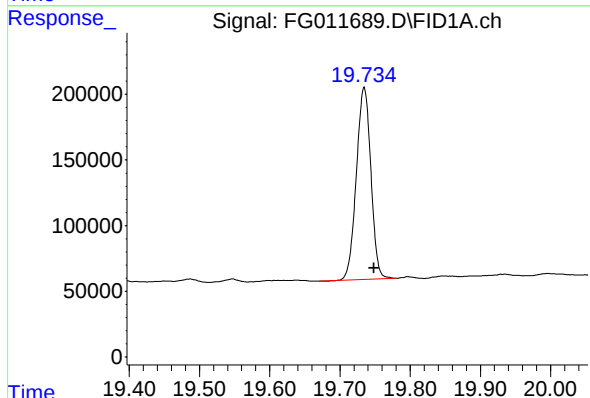
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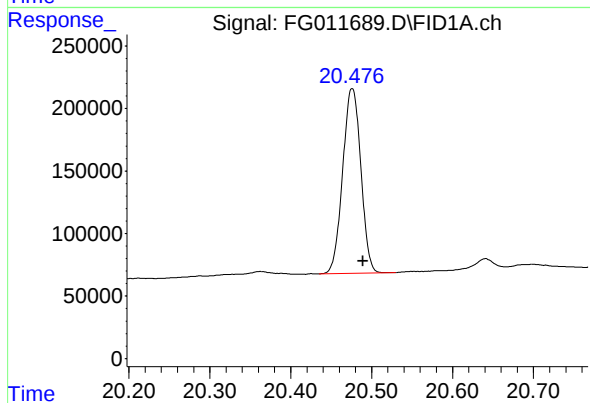
#14 N-DOTRIACONTANE

R.T.: 18.949 min  
Delta R.T.: -0.014 min  
Response: 2022156  
Conc: 21.80 ug/ml



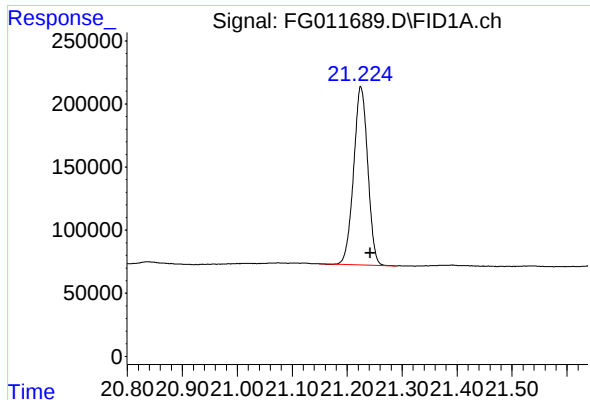
#15 N-TETRATRIACONTANE

R.T.: 19.735 min  
Delta R.T.: -0.014 min  
Response: 2107516  
Conc: 25.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.476 min  
Delta R.T.: -0.014 min  
Response: 2305443  
Conc: 29.95 ug/ml m



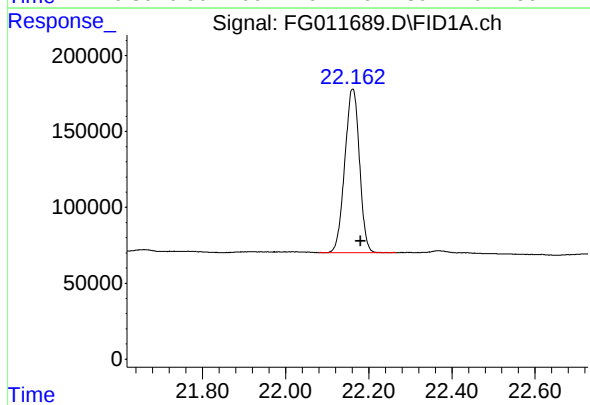
#17 N-OCTATRIACONTANE

R.T.: 21.225 min  
Delta R.T.: -0.018 min  
Response: 2524727  
Conc: 33.53 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 22.161 min  
Delta R.T.: -0.019 min  
Response: 2642358  
Conc: 36.00 ug/ml