

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG050824\  
 Data File : FG013751.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 May 2024 21:00  
 Operator : YP\AJ  
 Sample : P2404-02MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 TOP-SOIL-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024  
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e  
 Quant Time: May 09 03:16:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG041124.M  
 Quant Title :  
 QLast Update : Thu Apr 11 13:37:53 2024  
 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... | 15.072 | 1377140  | 11.842 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.058  | 1126313  | 9.197 ug/ml   |
| 2) N-DECANE                   | 4.583  | 1869594  | 14.925 ug/ml  |
| 3) N-DODECANE                 | 6.755  | 2150107  | 16.923 ug/ml  |
| 4) N-TETRADECANE              | 8.588  | 2299450  | 17.905 ug/ml  |
| 5) N-HEXADECANE               | 10.202 | 2352535  | 18.174 ug/ml  |
| 6) N-OCTADECANE               | 11.650 | 2396984  | 18.094 ug/ml  |
| 7) N-EICOSANE                 | 12.966 | 2400765  | 17.819 ug/ml  |
| 8) N-DOCOSANE                 | 14.169 | 2344116  | 17.882 ug/ml  |
| 10) N-TETRACOSANE             | 15.276 | 2527429  | 19.253 ug/ml  |
| 11) N-HEXACOSANE              | 16.301 | 2294072  | 17.556 ug/ml  |
| 12) N-OCTACOSANE              | 17.254 | 2345577  | 18.196 ug/ml  |
| 13) N-TRIACONTANE             | 18.145 | 2443696  | 18.830 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.980 | 2426071  | 18.936 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.768 | 2618310  | 21.872 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.512 | 2754886  | 25.122 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.268 | 2786928  | 27.542 ug/ml  |
| 18) N-TETRACONTANE            | 22.218 | 3052323  | 31.637 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 22 Sample Multiplier: 1

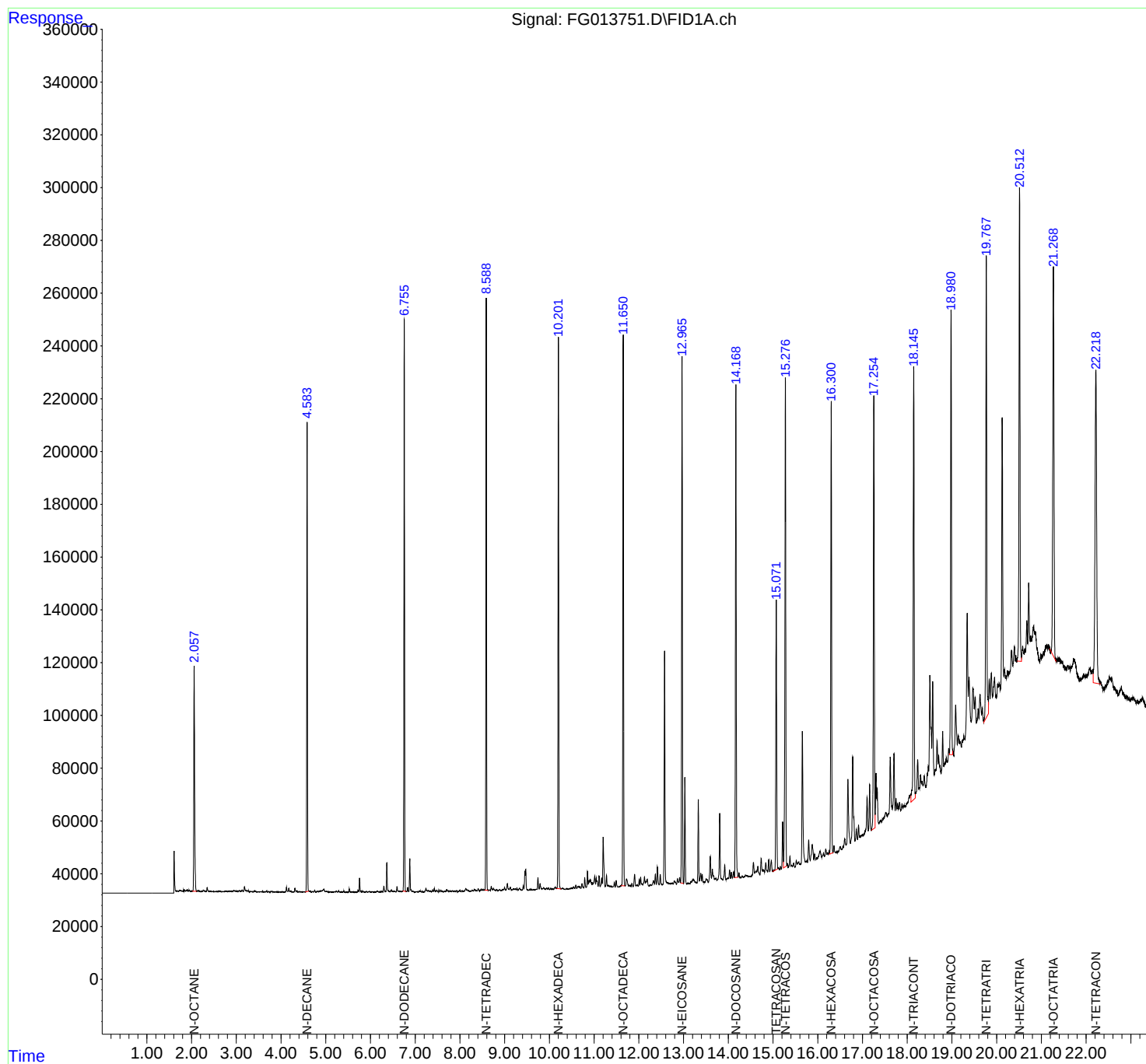
Instrument :  
FID\_G  
ClientSampleId :  
TOP-SOIL-1MSD

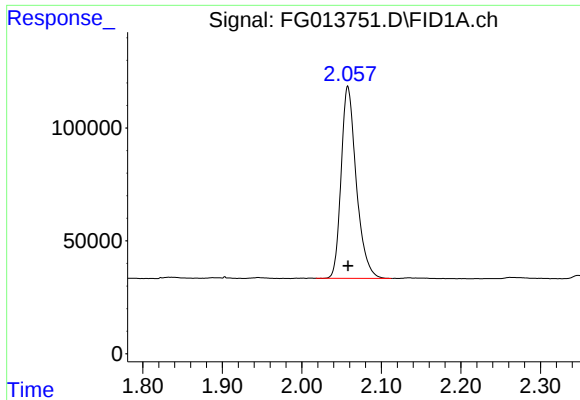
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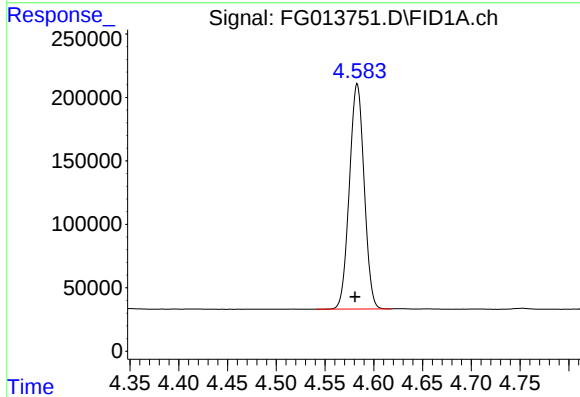
#1 N-OCTANE

R.T.: 2.058 min  
Delta R.T.: 0.000 min  
Response: 1126313  
Conc: 9.20 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
TOP-SOIL-1MSD

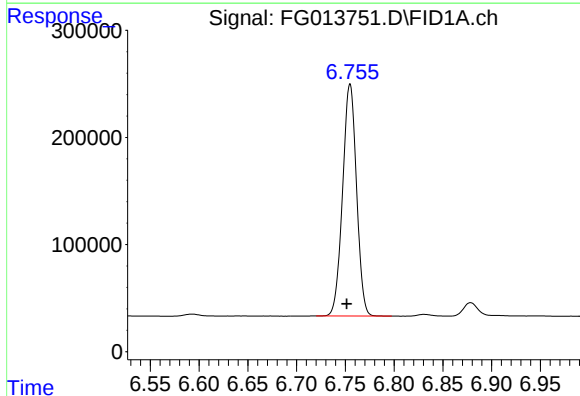
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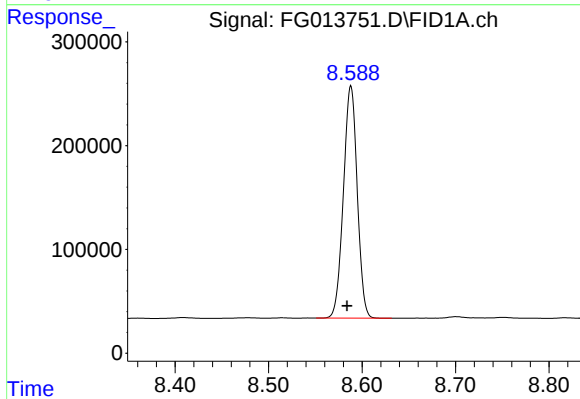
#2 N-DECANE

R.T.: 4.583 min  
Delta R.T.: 0.002 min  
Response: 1869594  
Conc: 14.93 ug/ml



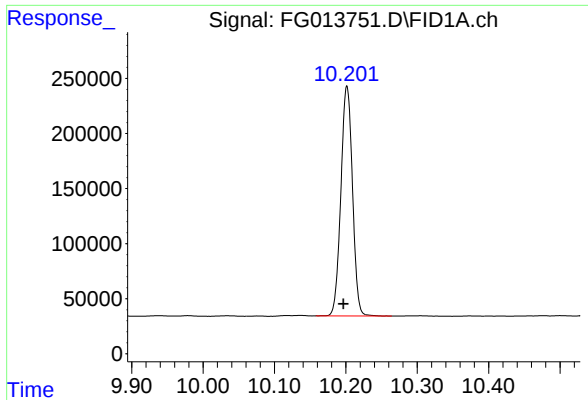
#3 N-DODECANE

R.T.: 6.755 min  
Delta R.T.: 0.003 min  
Response: 2150107  
Conc: 16.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.588 min  
Delta R.T.: 0.004 min  
Response: 2299450  
Conc: 17.91 ug/ml



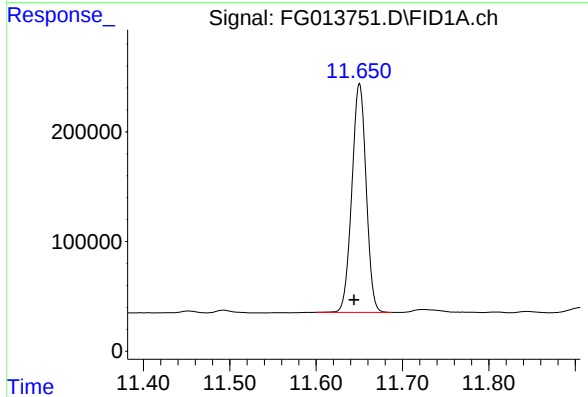
#5 N-HEXADECANE

R.T.: 10.202 min  
Delta R.T.: 0.005 min  
Response: 2352535  
Conc: 18.17 ug/ml

Instrument :  
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TOP-SOIL-1MSD

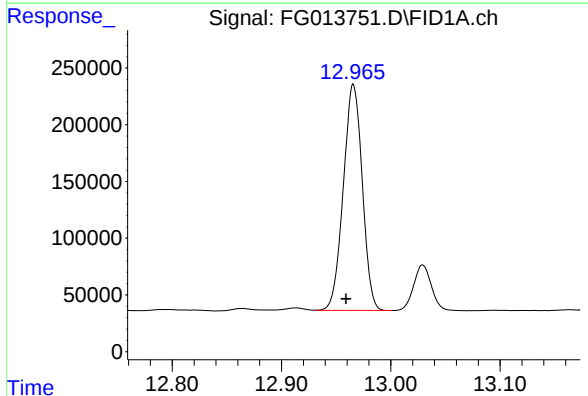
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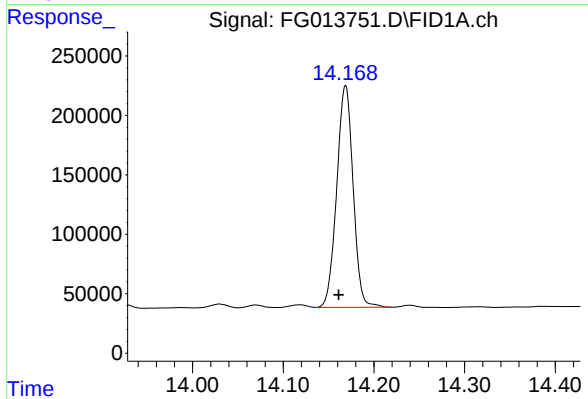
#6 N-OCTADECANE

R.T.: 11.650 min  
Delta R.T.: 0.006 min  
Response: 2396984  
Conc: 18.09 ug/ml



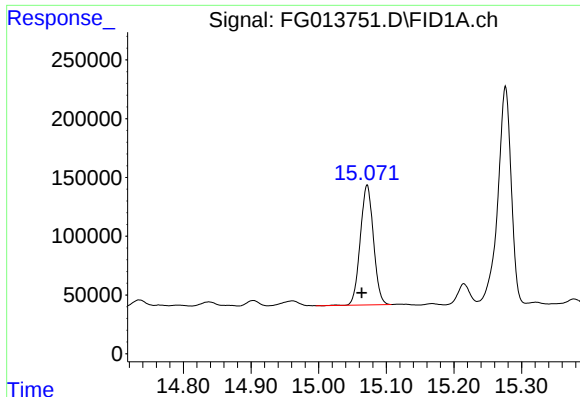
#7 N-EICOSANE

R.T.: 12.966 min  
Delta R.T.: 0.007 min  
Response: 2400765  
Conc: 17.82 ug/ml



#8 N-DOCOSANE

R.T.: 14.169 min  
Delta R.T.: 0.007 min  
Response: 2344116  
Conc: 17.88 ug/ml



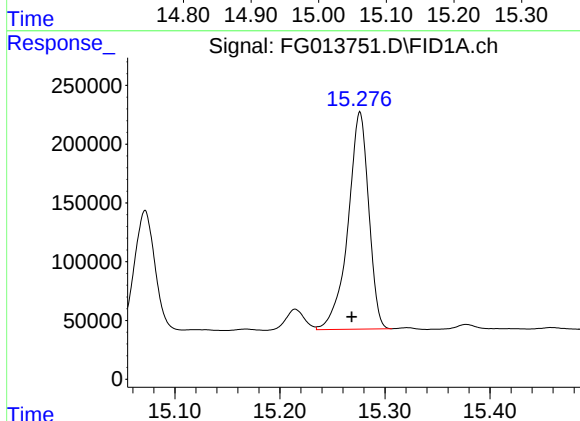
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.072 min  
Delta R.T.: 0.008 min  
Response: 1377140  
Conc: 11.84 ug/ml

Instrument :  
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TOP-SOIL-1MSD

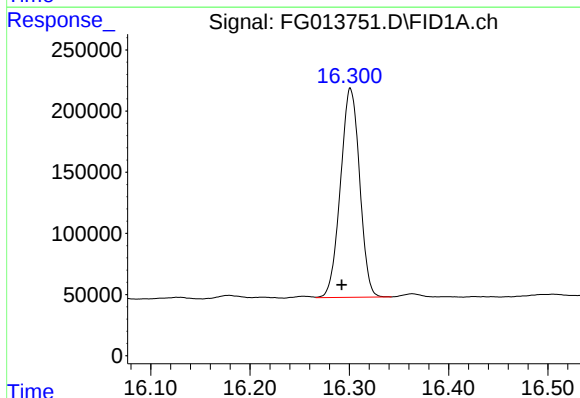
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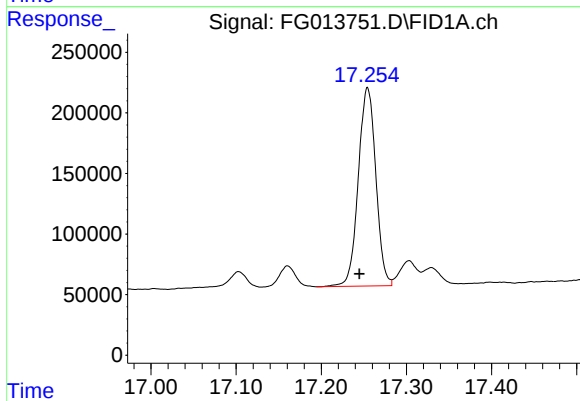
#10 N-TETRACOSANE

R.T.: 15.276 min  
Delta R.T.: 0.008 min  
Response: 2527429  
Conc: 19.25 ug/ml



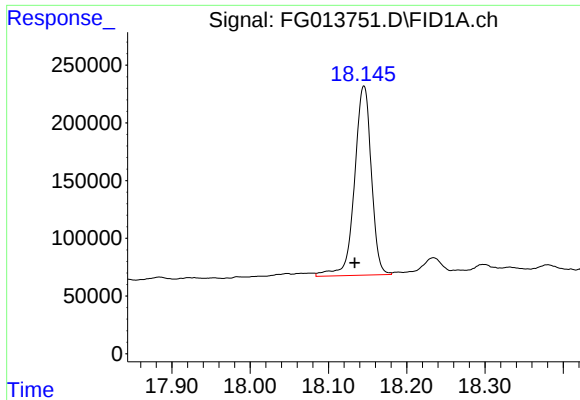
#11 N-HEXACOSANE

R.T.: 16.301 min  
Delta R.T.: 0.009 min  
Response: 2294072  
Conc: 17.56 ug/ml



#12 N-OCTACOSANE

R.T.: 17.254 min  
Delta R.T.: 0.010 min  
Response: 2345577  
Conc: 18.20 ug/ml



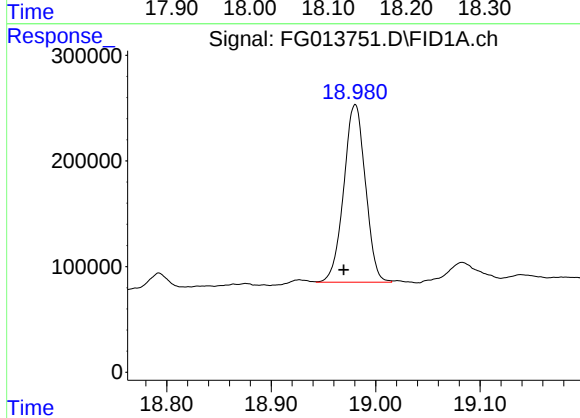
#13 N-TRIACONTANE

R.T.: 18.145 min  
Delta R.T.: 0.012 min  
Response: 2443696  
Conc: 18.83 ug/ml

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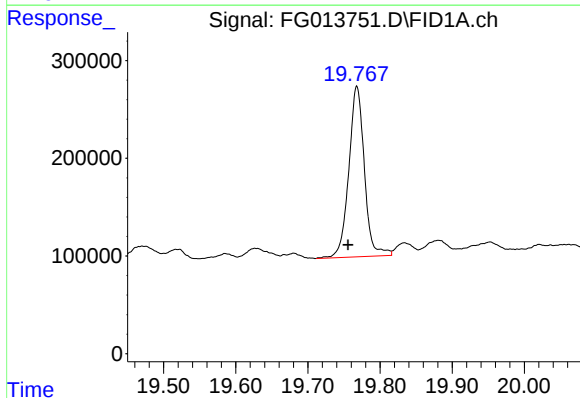
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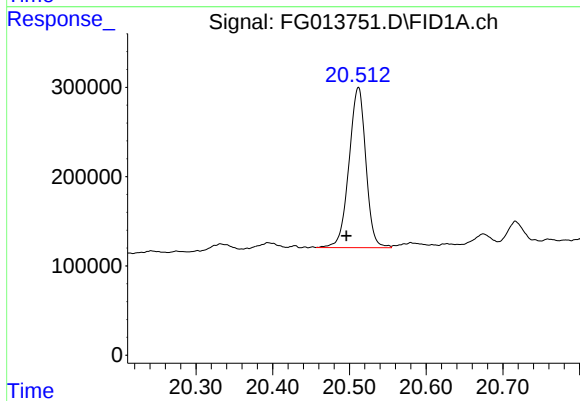
#14 N-DOTRIACONTANE

R.T.: 18.980 min  
Delta R.T.: 0.011 min  
Response: 2426071  
Conc: 18.94 ug/ml m



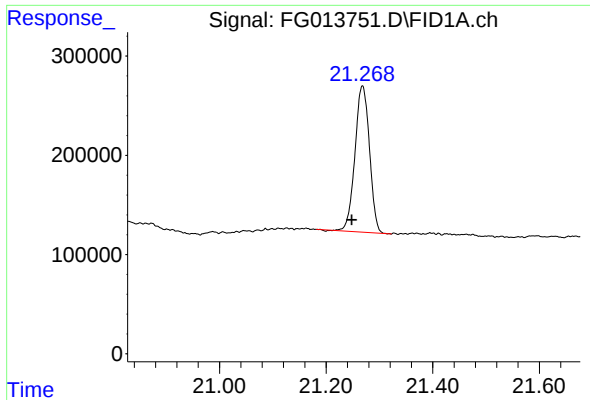
#15 N-TETRATRIACONTANE

R.T.: 19.768 min  
Delta R.T.: 0.012 min  
Response: 2618310  
Conc: 21.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.512 min  
Delta R.T.: 0.016 min  
Response: 2754886  
Conc: 25.12 ug/ml



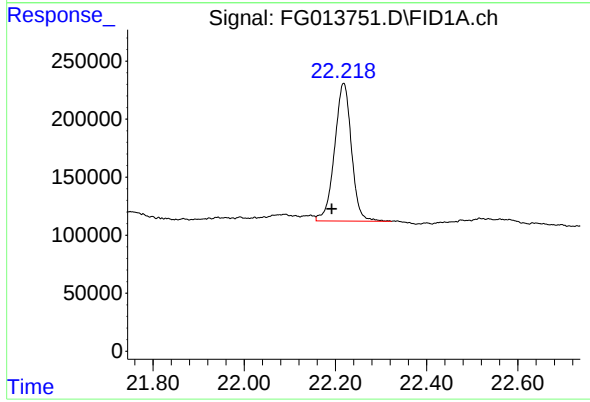
#17 N-OCTATRIACONTANE

R.T.: 21.268 min  
Delta R.T.: 0.020 min  
Response: 2786928  
Conc: 27.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.218 min  
Delta R.T.: 0.026 min  
Response: 3052323  
Conc: 31.64 ug/ml