

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041522\  
 Data File : FG009634.D  
 Signal(s) : FID1A.ch  
 Acq On : 15 Apr 2022 13:23  
 Operator : AJ\MA  
 Sample : PB144021BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB144021BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022  
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e  
 Quant Time: Apr 18 08:57:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040122.M  
 Quant Title :  
 QLast Update : Fri Apr 08 10:19:35 2022  
 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... | 14.625 | 2319190  | 18.003 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.225  | 2133592  | 14.604 ug/ml  |
| 2) N-DECANE                   | 4.320  | 2438136  | 16.421 ug/ml  |
| 3) N-DODECANE                 | 6.348  | 2558553  | 16.976 ug/ml  |
| 4) N-TETRADECANE              | 8.149  | 2638311  | 17.224 ug/ml  |
| 5) N-HEXADECANE               | 9.756  | 2706878  | 17.541 ug/ml  |
| 6) N-OCTADECANE               | 11.204 | 2759149  | 17.537 ug/ml  |
| 7) N-EICOSANE                 | 12.519 | 2676987  | 17.675 ug/ml  |
| 8) N-DOCOSANE                 | 13.723 | 2613156  | 17.707 ug/ml  |
| 10) N-TETRACOSANE             | 14.831 | 2541191  | 17.727 ug/ml  |
| 11) N-HEXACOSANE              | 15.856 | 2488745  | 18.117 ug/ml  |
| 12) N-OCTACOSANE              | 16.810 | 2424532  | 18.577 ug/ml  |
| 13) N-TRIACONTANE             | 17.701 | 2367806  | 19.176 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.538 | 2165800  | 18.658 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.325 | 1840469  | 17.309 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.068 | 1498249  | 15.822 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.808 | 1309390  | 15.206 ug/ml  |
| 18) N-TETRACONTANE            | 21.719 | 1248774  | 14.469 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 6 Sample Multiplier: 1

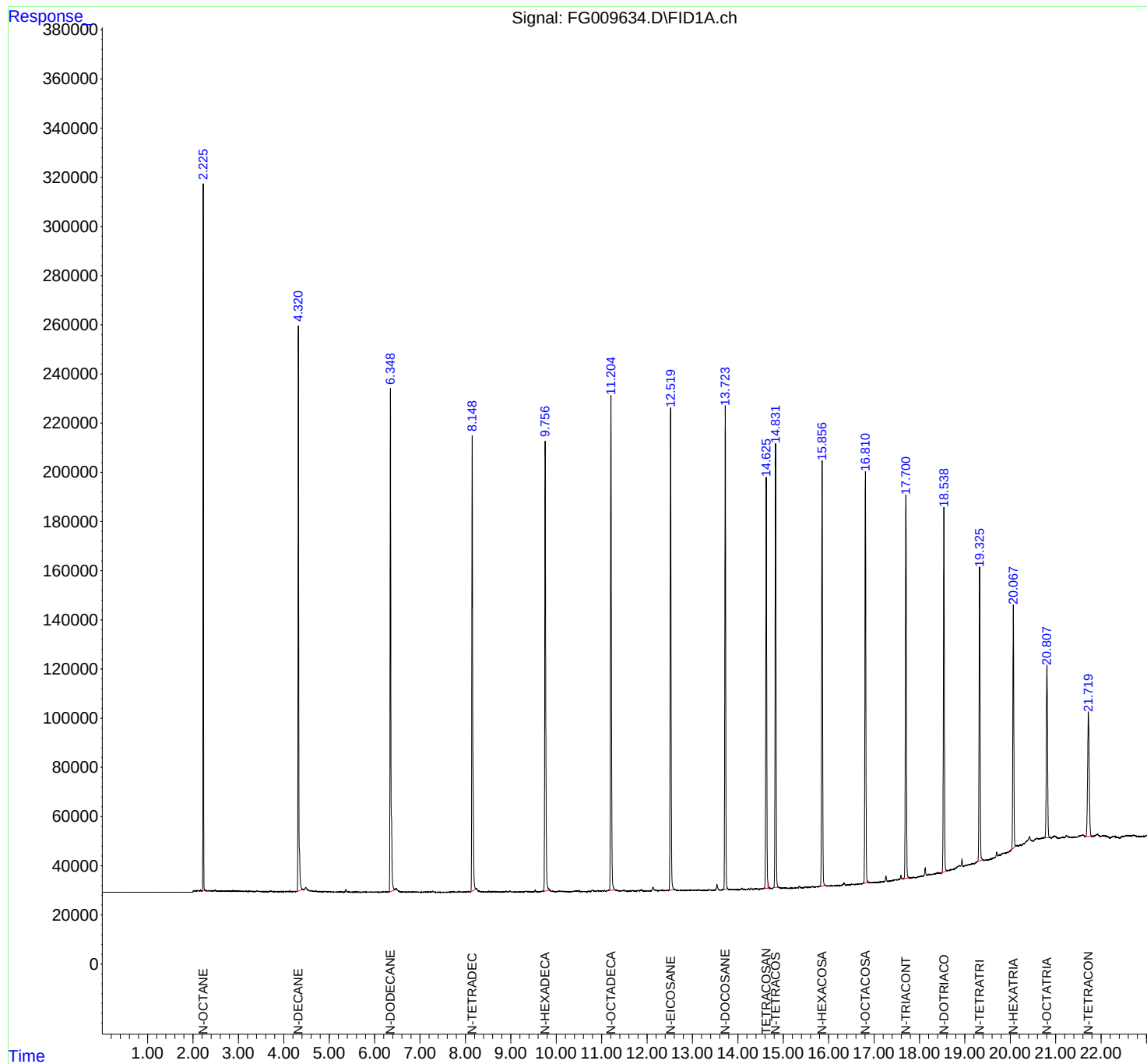
Instrument :  
FID\_G  
ClientSampleId :  
PB144021BS

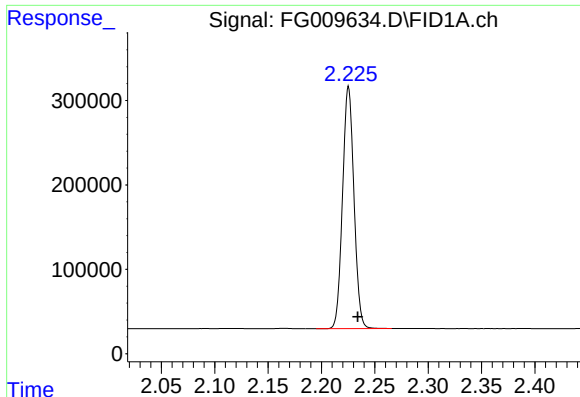
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Signal Info : 20mx0.18mmx0.18um





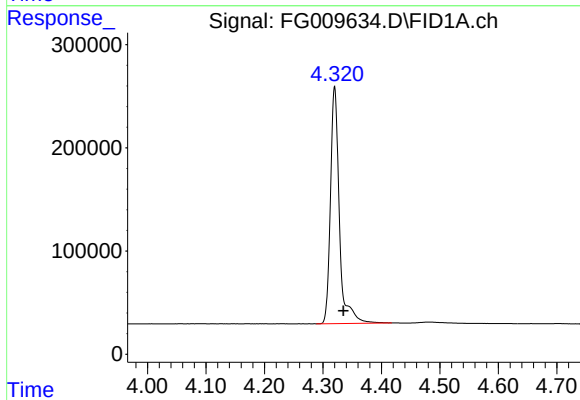
#1 N-OCTANE

R.T.: 2.225 min  
Delta R.T.: -0.009 min  
Response: 2133592  
Conc: 14.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB144021BS

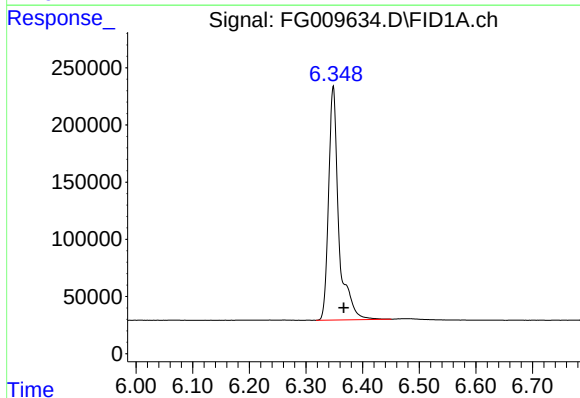
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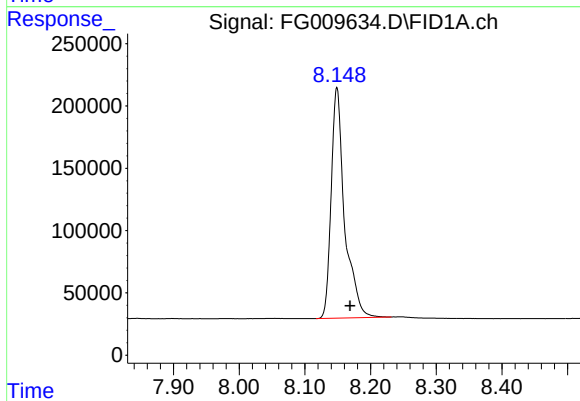
#2 N-DECANE

R.T.: 4.320 min  
Delta R.T.: -0.015 min  
Response: 2438136  
Conc: 16.42 ug/ml



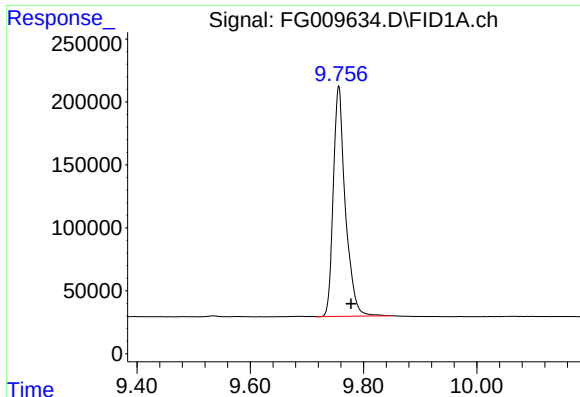
#3 N-DODECANE

R.T.: 6.348 min  
Delta R.T.: -0.018 min  
Response: 2558553  
Conc: 16.98 ug/ml



#4 N-TETRADECANE

R.T.: 8.149 min  
Delta R.T.: -0.020 min  
Response: 2638311  
Conc: 17.22 ug/ml



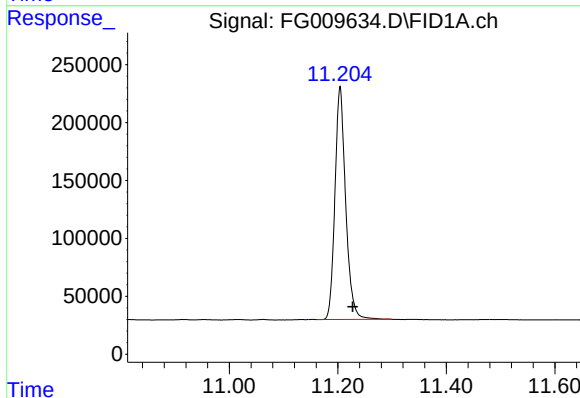
#5 N-HEXADECANE

R.T.: 9.756 min  
Delta R.T.: -0.021 min  
Response: 2706878  
Conc: 17.54 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB144021BS

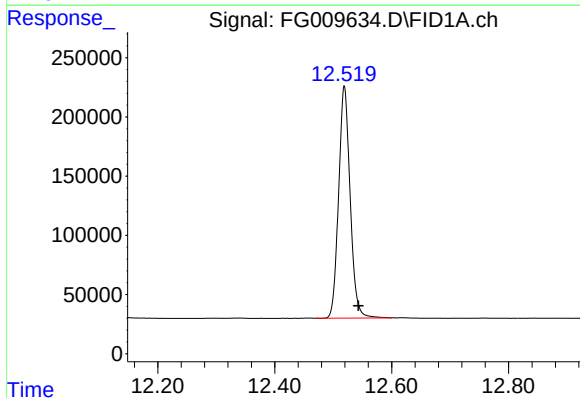
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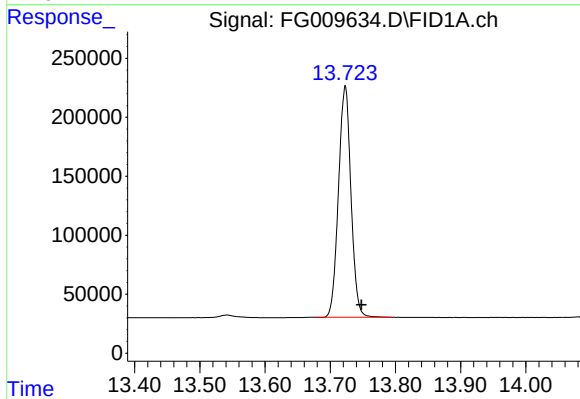
#6 N-OCTADECANE

R.T.: 11.204 min  
Delta R.T.: -0.023 min  
Response: 2759149  
Conc: 17.54 ug/ml



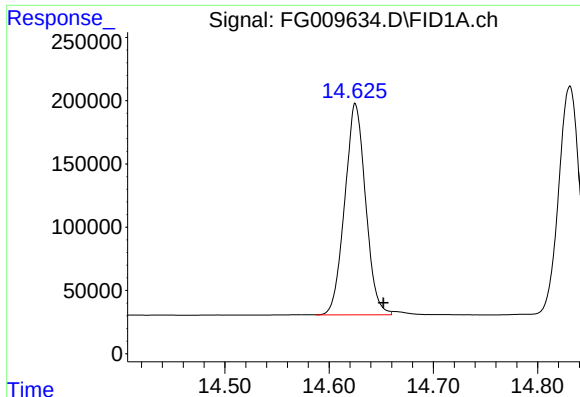
#7 N-EICOSANE

R.T.: 12.519 min  
Delta R.T.: -0.024 min  
Response: 2676987  
Conc: 17.67 ug/ml



#8 N-DOCOSANE

R.T.: 13.723 min  
Delta R.T.: -0.025 min  
Response: 2613156  
Conc: 17.71 ug/ml



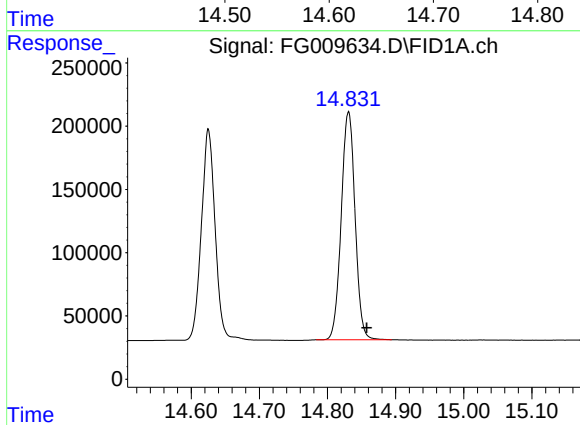
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.625 min  
Delta R.T.: -0.027 min  
Response: 2319190  
Conc: 18.00 ug/ml

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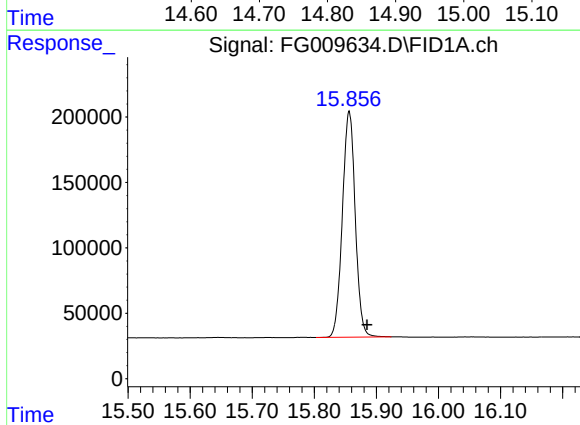
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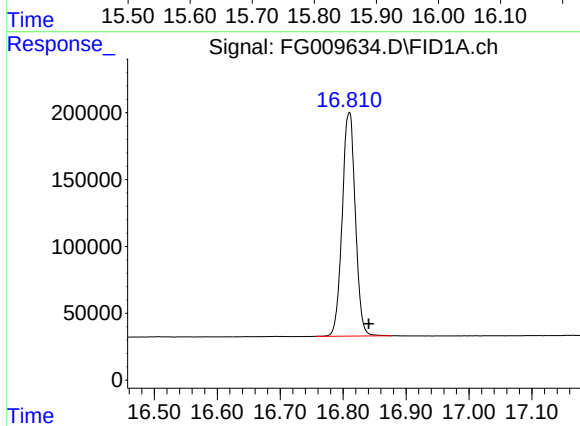
#10 N-TETRACOSANE

R.T.: 14.831 min  
Delta R.T.: -0.027 min  
Response: 2541191  
Conc: 17.73 ug/ml



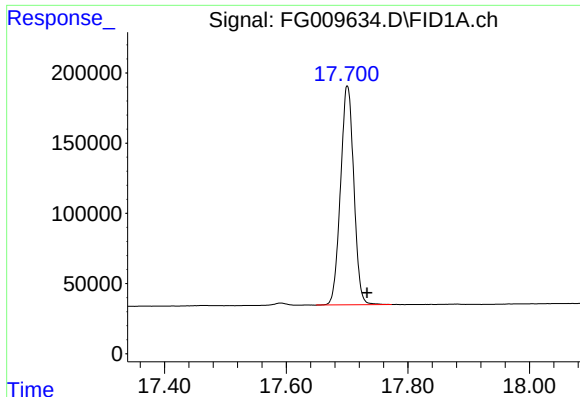
#11 N-HEXACOSANE

R.T.: 15.856 min  
Delta R.T.: -0.029 min  
Response: 2488745  
Conc: 18.12 ug/ml



#12 N-OCTACOSANE

R.T.: 16.810 min  
Delta R.T.: -0.031 min  
Response: 2424532  
Conc: 18.58 ug/ml



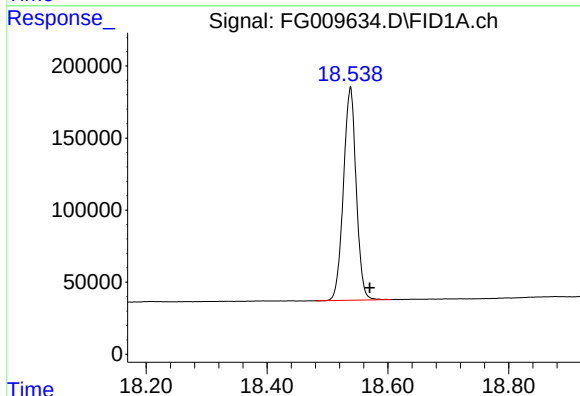
#13 N-TRIACONTANE

R.T.: 17.701 min  
Delta R.T.: -0.032 min  
Response: 2367806  
Conc: 19.18 ug/ml

Instrument :  
FID\_G  
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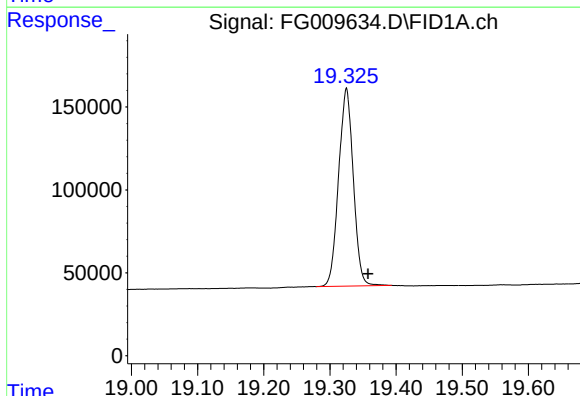
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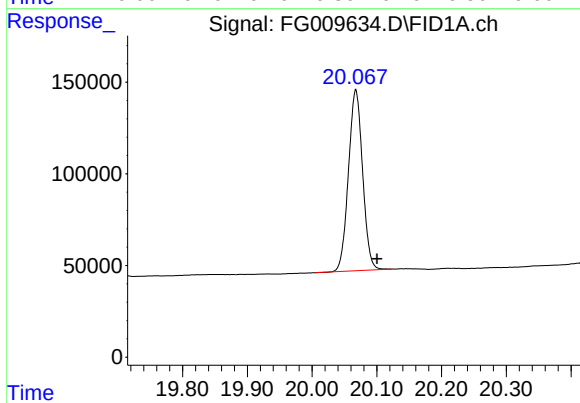
#14 N-DOTRIACONTANE

R.T.: 18.538 min  
Delta R.T.: -0.032 min  
Response: 2165800  
Conc: 18.66 ug/ml



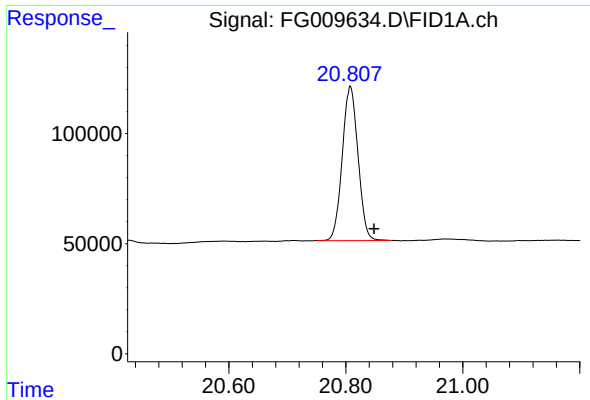
#15 N-TETRATRIACONTANE

R.T.: 19.325 min  
Delta R.T.: -0.033 min  
Response: 1840469  
Conc: 17.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.068 min  
Delta R.T.: -0.033 min  
Response: 1498249  
Conc: 15.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.808 min  
Delta R.T.: -0.041 min  
Response: 1309390  
Conc: 15.21 ug/ml

Instrument :

FID\_G

ClientSampleId :

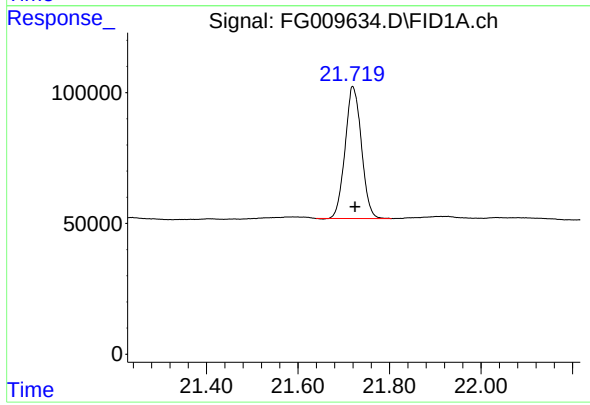
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#18 N-TETRACONTANE

R.T.: 21.719 min  
Delta R.T.: -0.006 min  
Response: 1248774  
Conc: 14.47 ug/ml