

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG010224\  
 Data File : FG013327.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Jan 2024 13:49  
 Operator : YP\AJ  
 Sample : PB158183BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB158183BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024  
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e  
 Quant Time: Jan 03 01:08:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG120423.M  
 Quant Title :  
 QLast Update : Mon Dec 04 11:42:34 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... | 15.073 | 2209866  | 20.585 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.069  | 1960564  | 16.072 ug/ml  |
| 2) N-DECANE                   | 4.583  | 2180145  | 17.248 ug/ml  |
| 3) N-DODECANE                 | 6.758  | 1875344  | 14.931 ug/ml  |
| 4) N-TETRADECANE              | 8.598  | 2262388  | 18.741 ug/ml  |
| 5) N-HEXADECANE               | 10.214 | 2337381  | 19.230 ug/ml  |
| 6) N-OCTADECANE               | 11.659 | 2374012  | 19.754 ug/ml  |
| 7) N-EICOSANE                 | 12.970 | 2404539  | 20.349 ug/ml  |
| 8) N-DOCOSANE                 | 14.171 | 2414500  | 21.287 ug/ml  |
| 10) N-TETRACOSANE             | 15.279 | 2578101  | 22.136 ug/ml  |
| 11) N-HEXACOSANE              | 16.303 | 2659517  | 23.881 ug/ml  |
| 12) N-OCTACOSANE              | 17.253 | 2783109  | 25.219 ug/ml  |
| 13) N-TRIACONTANE             | 18.143 | 2923447  | 26.619 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.978 | 2837345  | 26.525 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.762 | 2256045  | 24.015 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.501 | 1776429  | 22.907 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.259 | 1454688  | 21.050 ug/ml  |
| 18) N-TETRACONTANE            | 22.209 | 1493677  | 20.611 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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## Instrument :

FID\_G

## Client Sample Id :

PB158183BS

## Manual Integrations

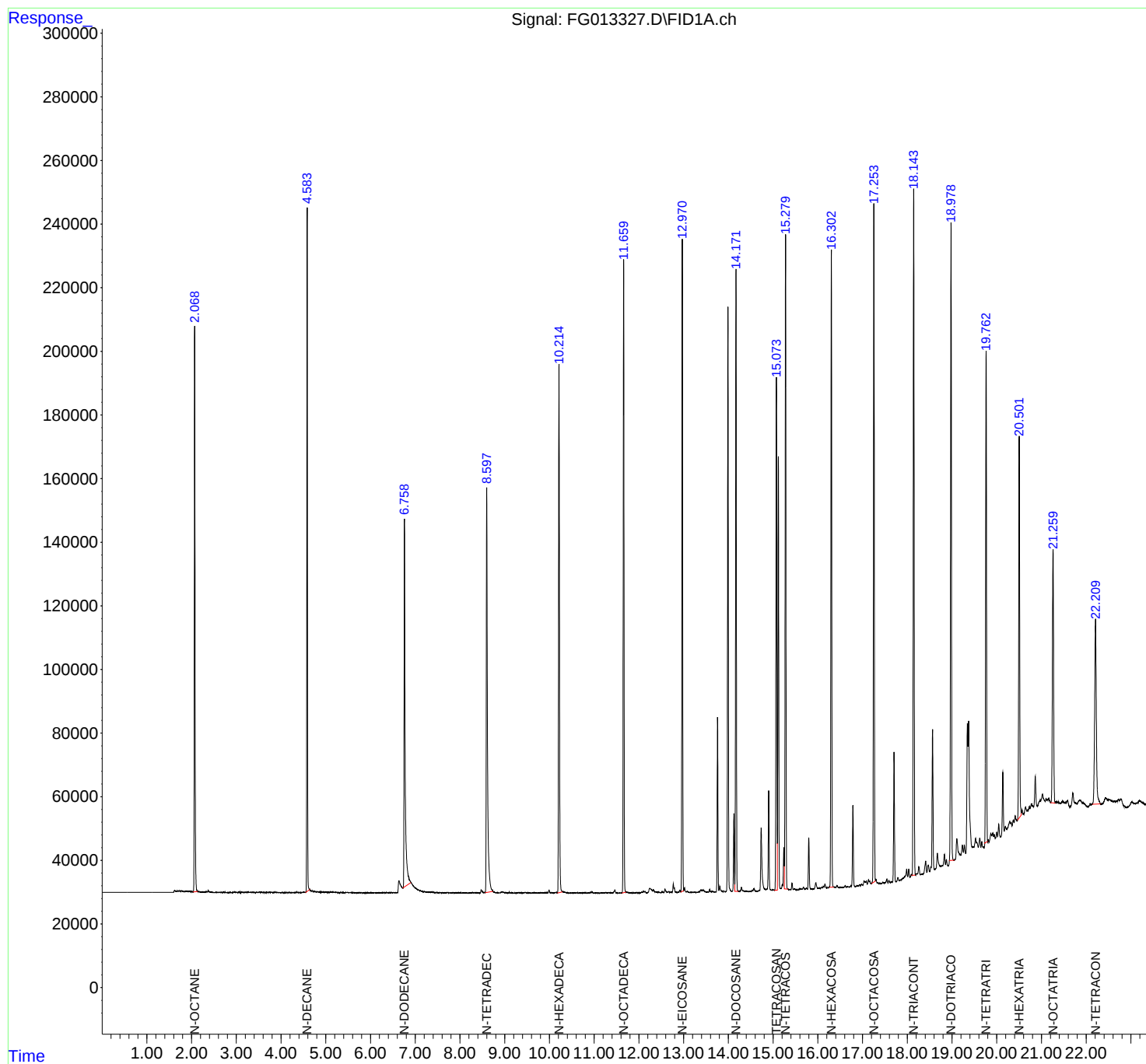
## APPROVED

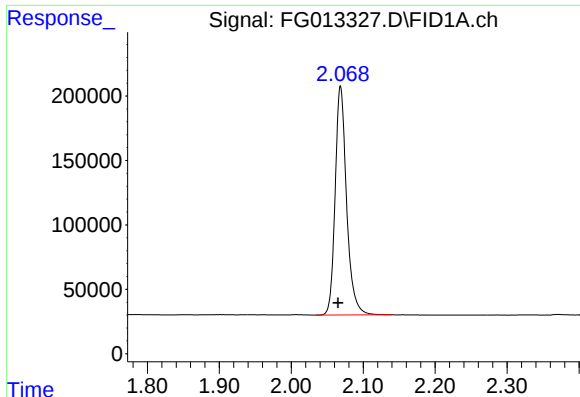
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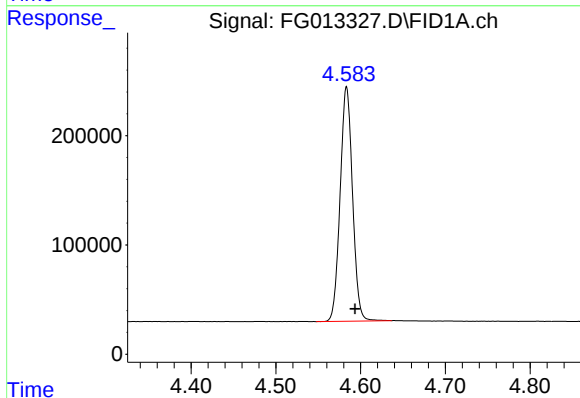
#1 N-OCTANE

R.T.: 2.069 min  
Delta R.T.: 0.004 min  
Response: 1960564  
Conc: 16.07 ug/ml

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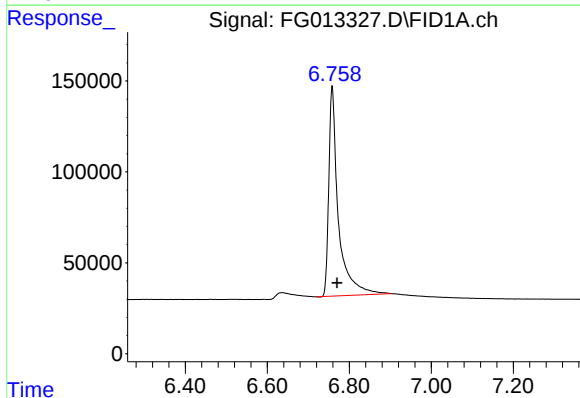
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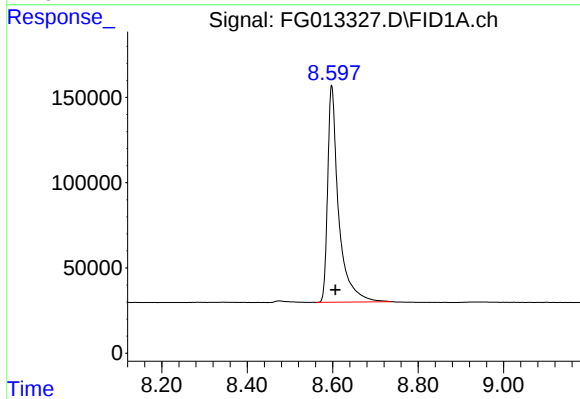
#2 N-DECANE

R.T.: 4.583 min  
Delta R.T.: -0.010 min  
Response: 2180145  
Conc: 17.25 ug/ml



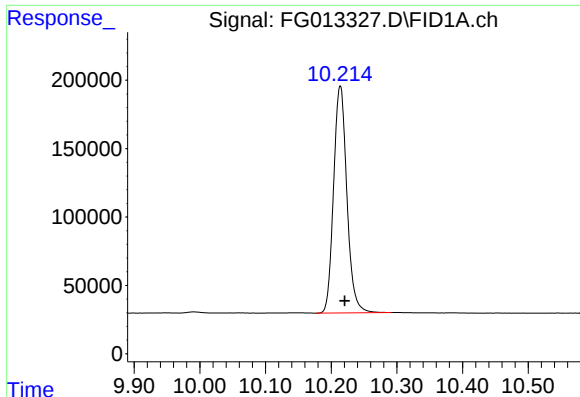
#3 N-DODECANE

R.T.: 6.758 min  
Delta R.T.: -0.012 min  
Response: 1875344  
Conc: 14.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.598 min  
Delta R.T.: -0.008 min  
Response: 2262388  
Conc: 18.74 ug/ml



#5 N-HEXADECANE

R.T.: 10.214 min  
Delta R.T.: -0.006 min  
Response: 2337381  
Conc: 19.23 ug/ml

Instrument :

FID\_G

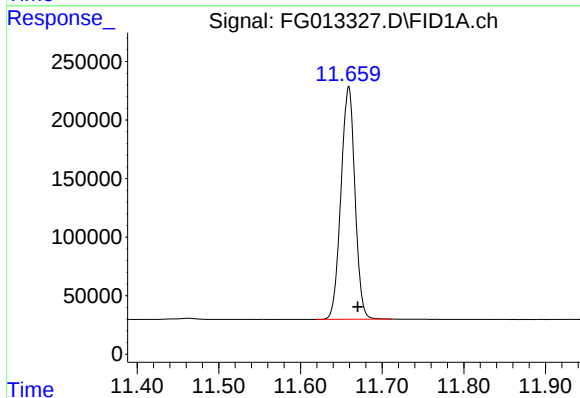
ClientSampleId :

PB158183BS

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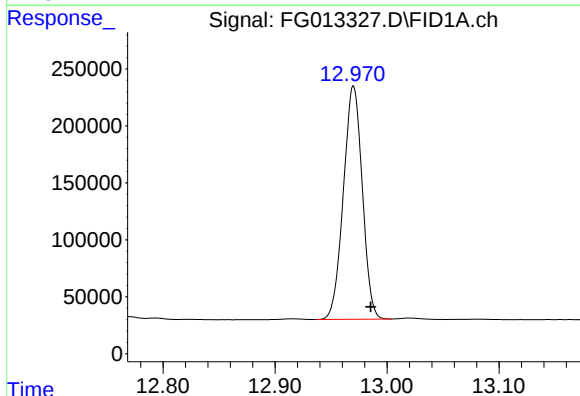
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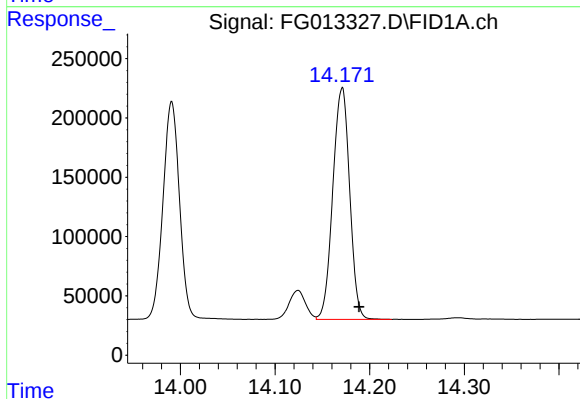
#6 N-OCTADECANE

R.T.: 11.659 min  
Delta R.T.: -0.011 min  
Response: 2374012  
Conc: 19.75 ug/ml



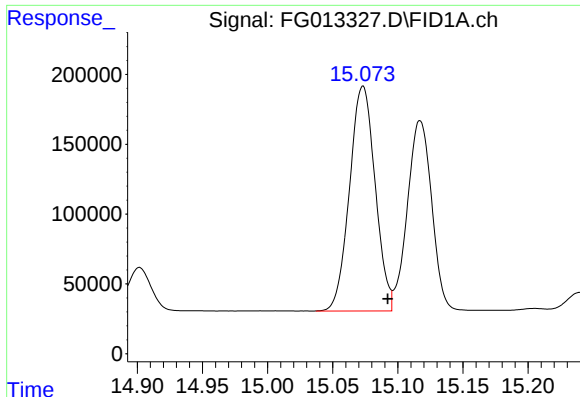
#7 N-EICOSANE

R.T.: 12.970 min  
Delta R.T.: -0.015 min  
Response: 2404539  
Conc: 20.35 ug/ml



#8 N-DOCOSANE

R.T.: 14.171 min  
Delta R.T.: -0.018 min  
Response: 2414500  
Conc: 21.29 ug/ml



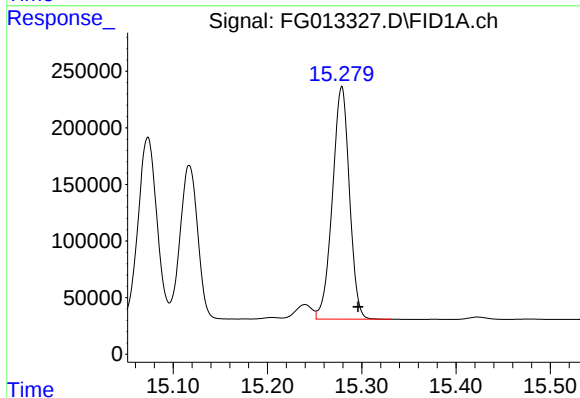
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min  
Delta R.T.: -0.019 min  
Response: 2209866  
Conc: 20.59 ug/ml

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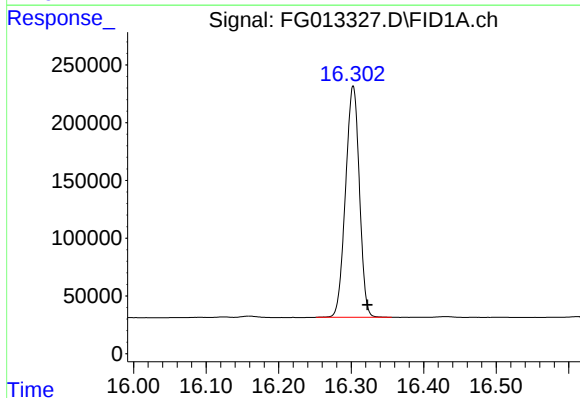
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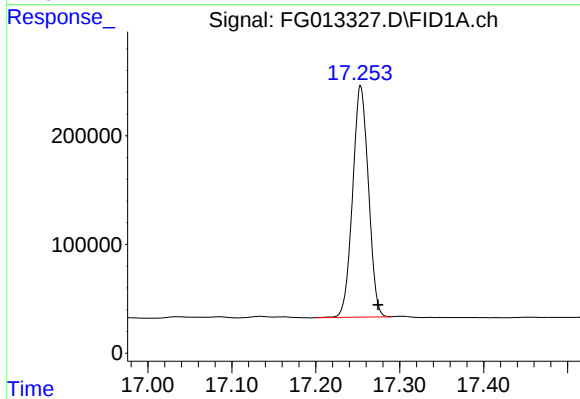
#10 N-TETRACOSANE

R.T.: 15.279 min  
Delta R.T.: -0.017 min  
Response: 2578101  
Conc: 22.14 ug/ml



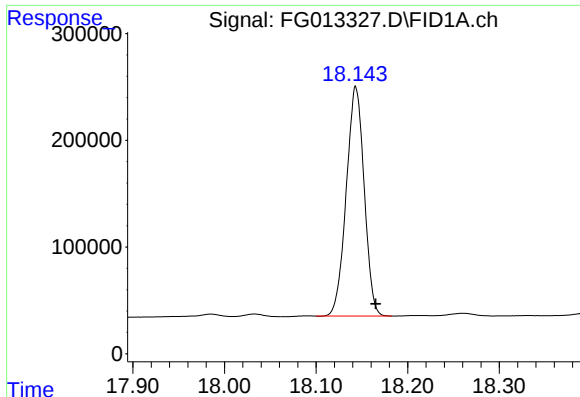
#11 N-HEXACOSANE

R.T.: 16.303 min  
Delta R.T.: -0.020 min  
Response: 2659517  
Conc: 23.88 ug/ml



#12 N-OCTACOSANE

R.T.: 17.253 min  
Delta R.T.: -0.021 min  
Response: 2783109  
Conc: 25.22 ug/ml



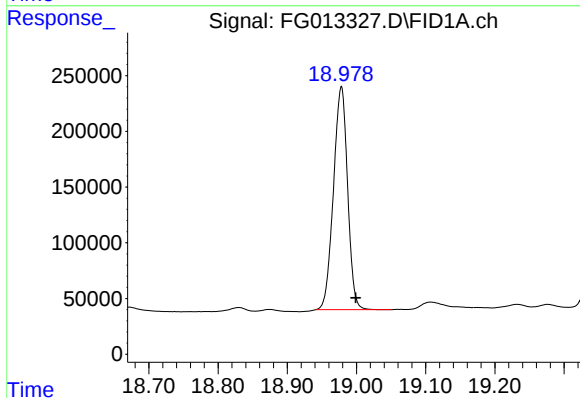
#13 N-TRIACONTANE

R.T.: 18.143 min  
Delta R.T.: -0.022 min  
Response: 2923447  
Conc: 26.62 ug/ml

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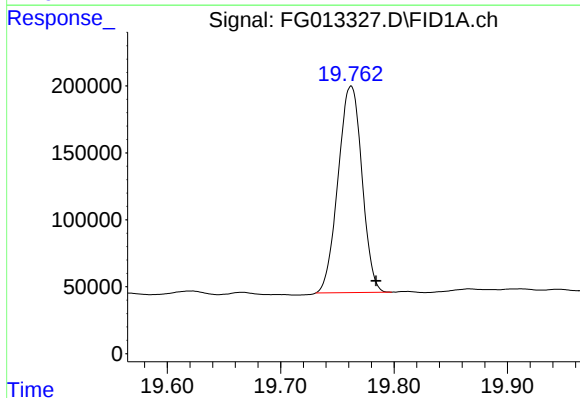
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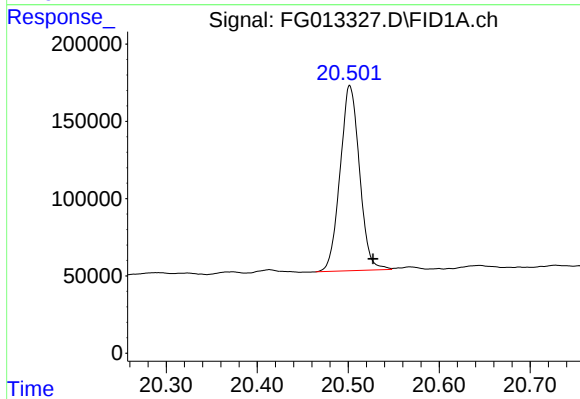
#14 N-DOTRIACONTANE

R.T.: 18.978 min  
Delta R.T.: -0.021 min  
Response: 2837345  
Conc: 26.53 ug/ml



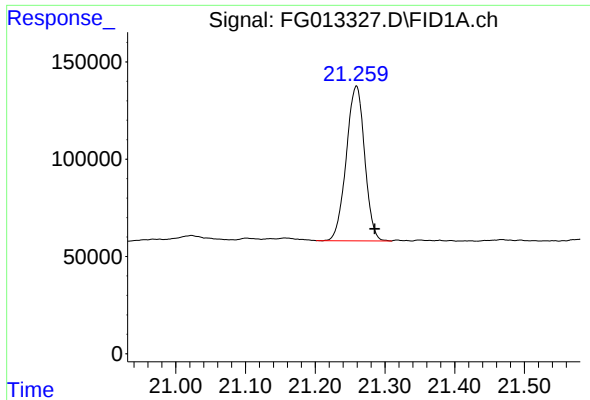
#15 N-TETRATRIACONTANE

R.T.: 19.762 min  
Delta R.T.: -0.022 min  
Response: 2256045  
Conc: 24.02 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.501 min  
Delta R.T.: -0.026 min  
Response: 1776429  
Conc: 22.91 ug/ml m



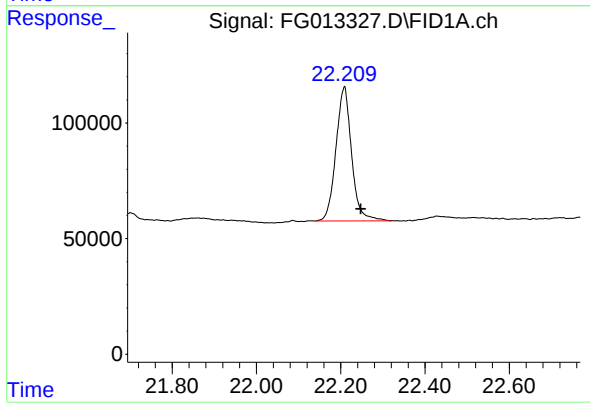
#17 N-OCTATRIACONTANE

R.T.: 21.259 min  
Delta R.T.: -0.026 min  
Response: 1454688  
Conc: 21.05 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min  
Delta R.T.: -0.039 min  
Response: 1493677  
Conc: 20.61 ug/ml