

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG020725\  
 Data File : FG015364.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Feb 2025 17:47  
 Operator : YP\AJ  
 Sample : Q1290-01MS  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 WASTEMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025  
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e  
 Quant Time: Feb 08 05:57:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG011325.M  
 Quant Title :  
 QLast Update : Fri Jan 24 12:51:39 2025  
 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... | 15.042 | 1573591  | 12.267 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 1.997  | 1706290  | 13.983 ug/ml  |
| 2) N-DECANE                   | 4.534  | 2315571  | 17.926 ug/ml  |
| 3) N-DODECANE                 | 6.717  | 2531467  | 18.581 ug/ml  |
| 4) N-TETRADECANE              | 8.553  | 2647937  | 19.347 ug/ml  |
| 5) N-HEXADECANE               | 10.169 | 2720287  | 19.278 ug/ml  |
| 6) N-OCTADECANE               | 11.619 | 2776327  | 18.927 ug/ml  |
| 7) N-EICOSANE                 | 12.935 | 2776250  | 19.096 ug/ml  |
| 8) N-DOCOSANE                 | 14.139 | 2864791  | 19.969 ug/ml  |
| 10) N-TETRACOSANE             | 15.246 | 2393949  | 16.761 ug/mlm |
| 11) N-HEXACOSANE              | 16.273 | 2575831  | 18.289 ug/mlm |
| 12) N-OCTACOSANE              | 17.226 | 2958356  | 21.126 ug/mlm |
| 13) N-TRIACONTANE             | 18.117 | 2644075  | 18.585 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.950 | 2751042  | 19.794 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.739 | 2726011  | 21.756 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.479 | 2701740  | 25.002 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.232 | 2843832  | 28.830 ug/mlm |
| 18) N-TETRACONTANE            | 22.173 | 2889692  | 31.123 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 44 Sample Multiplier: 1

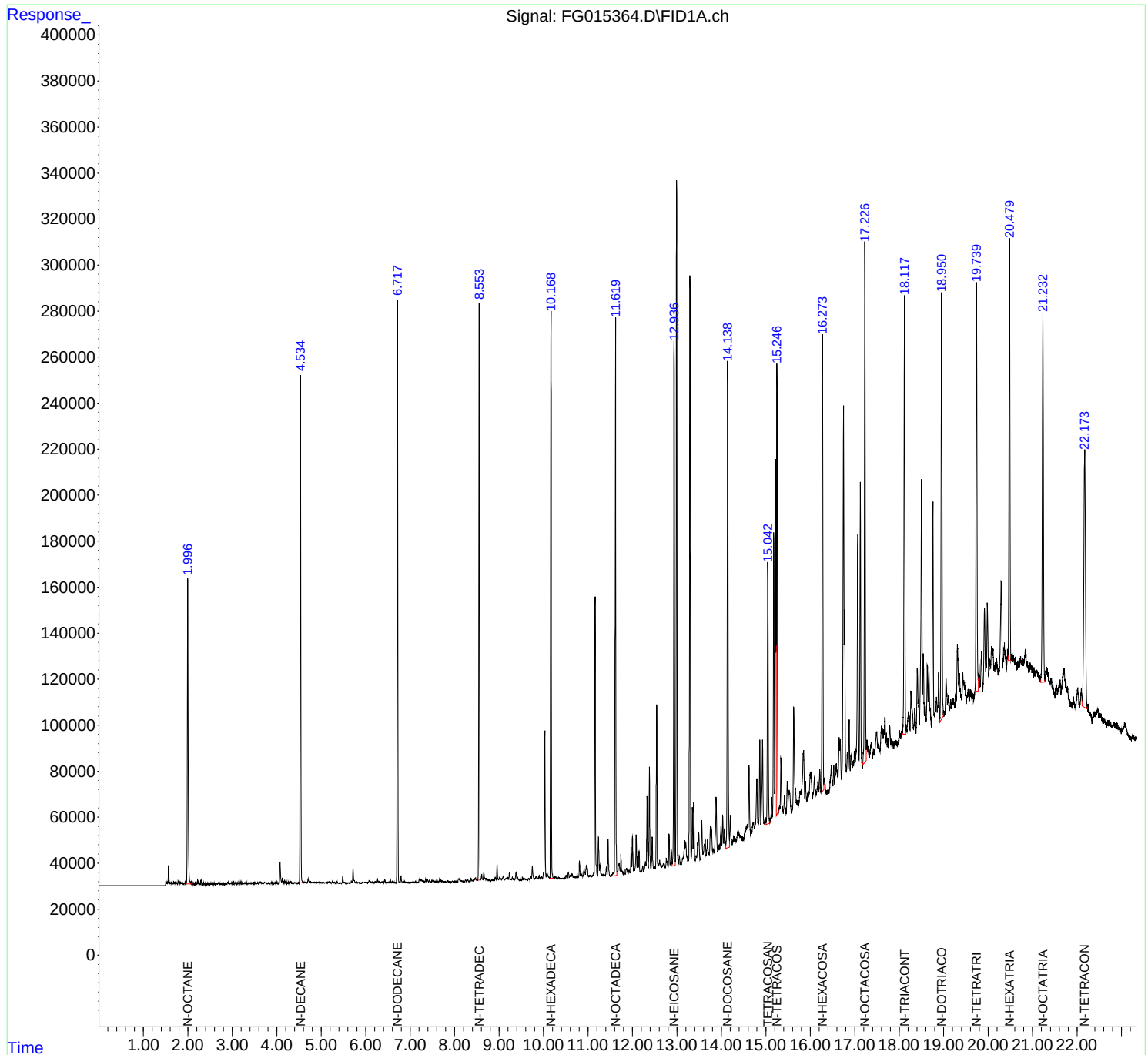
Instrument :  
FID\_G  
ClientSampleId :  
WASTEMS

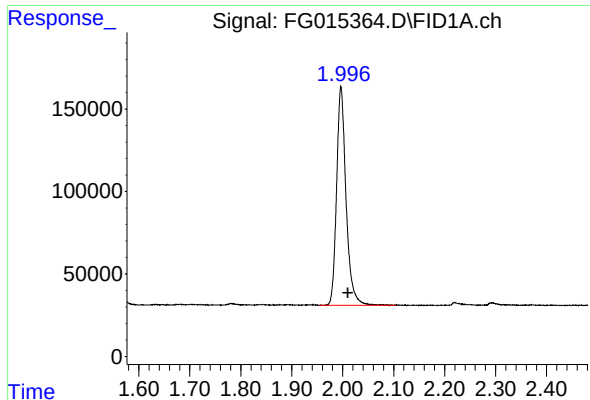
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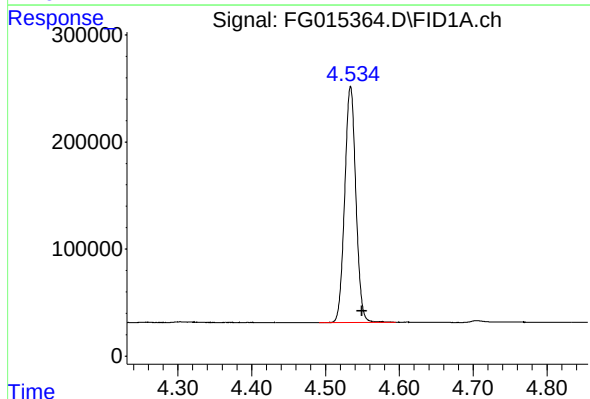
#1 N-OCTANE

R.T.: 1.997 min  
Delta R.T.: -0.013 min  
Response: 1706290  
Conc: 13.98 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
WASTEMS

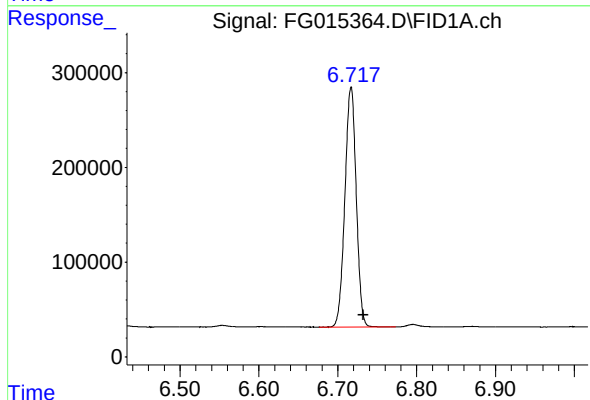
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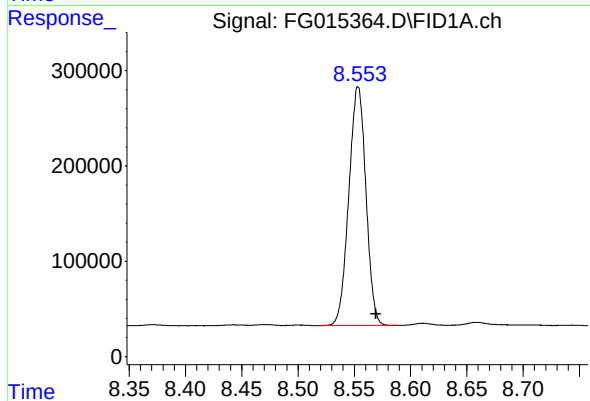
#2 N-DECANE

R.T.: 4.534 min  
Delta R.T.: -0.015 min  
Response: 2315571  
Conc: 17.93 ug/ml



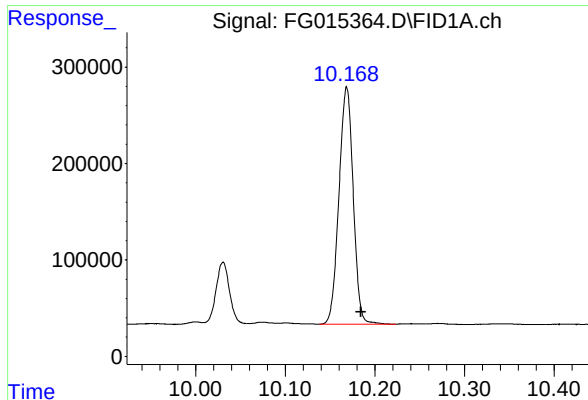
#3 N-DODECANE

R.T.: 6.717 min  
Delta R.T.: -0.016 min  
Response: 2531467  
Conc: 18.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.553 min  
Delta R.T.: -0.016 min  
Response: 2647937  
Conc: 19.35 ug/ml



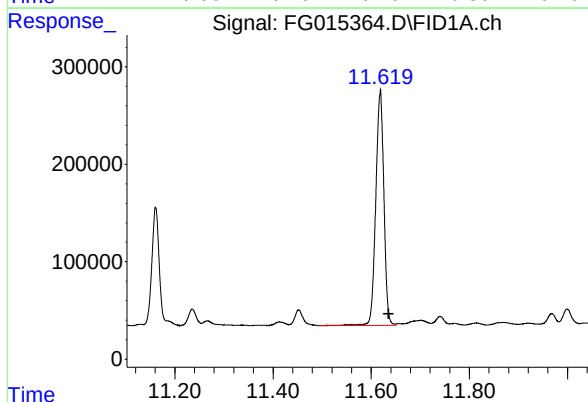
#5 N-HEXADECANE

R.T.: 10.169 min  
Delta R.T.: -0.016 min  
Response: 2720287  
Conc: 19.28 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
WASTEMS

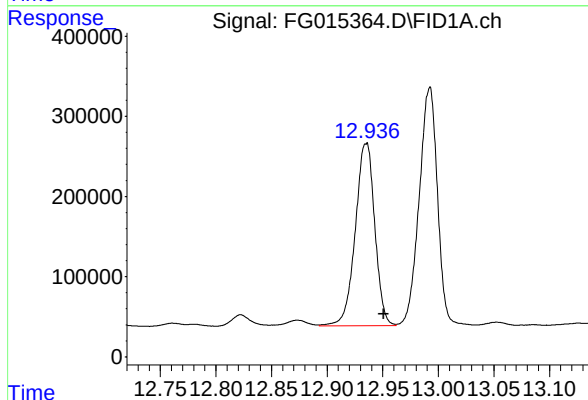
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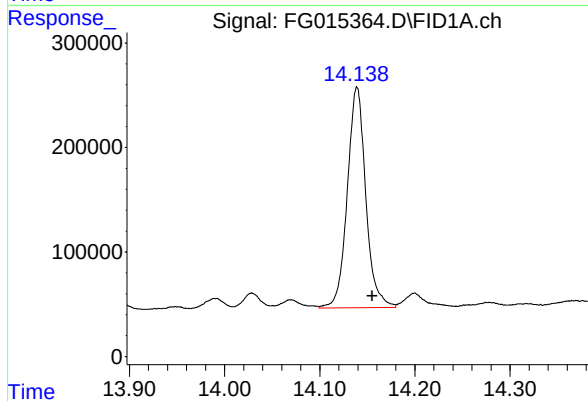
#6 N-OCTADECANE

R.T.: 11.619 min  
Delta R.T.: -0.016 min  
Response: 2776327  
Conc: 18.93 ug/ml



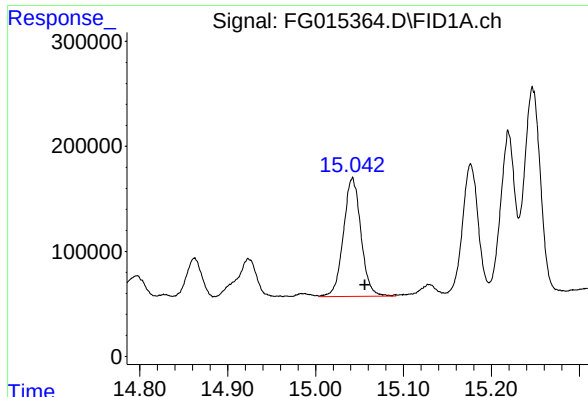
#7 N-EICOSANE

R.T.: 12.935 min  
Delta R.T.: -0.016 min  
Response: 2776250  
Conc: 19.10 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min  
Delta R.T.: -0.016 min  
Response: 2864791  
Conc: 19.97 ug/ml



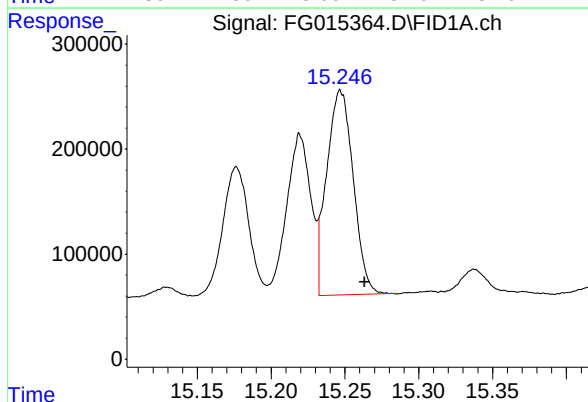
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min  
Delta R.T.: -0.014 min  
Response: 1573591  
Conc: 12.27 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
WASTEMS

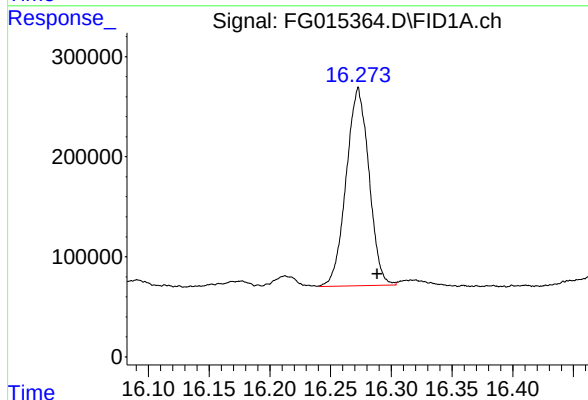
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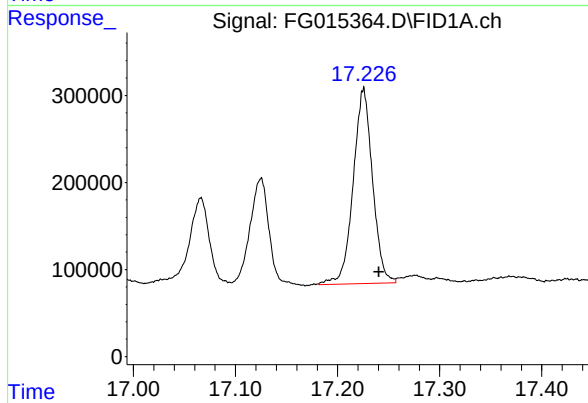
#10 N-TETRACOSANE

R.T.: 15.246 min  
Delta R.T.: -0.017 min  
Response: 2393949  
Conc: 16.76 ug/ml m



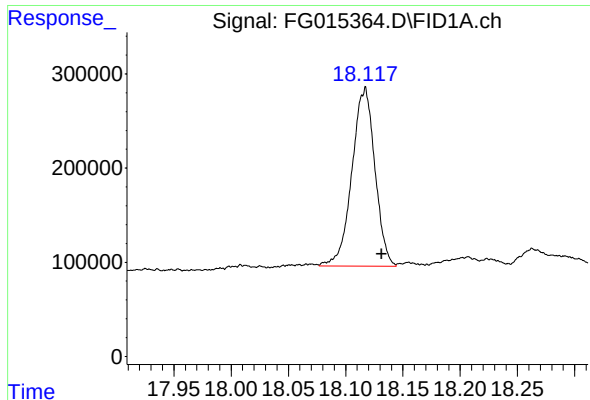
#11 N-HEXACOSANE

R.T.: 16.273 min  
Delta R.T.: -0.016 min  
Response: 2575831  
Conc: 18.29 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.226 min  
Delta R.T.: -0.015 min  
Response: 2958356  
Conc: 21.13 ug/ml m



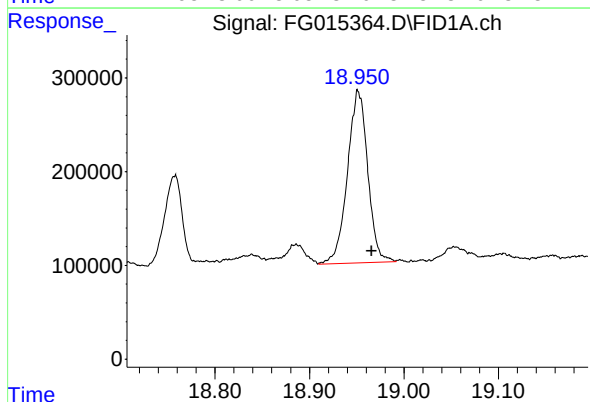
#13 N-TRIACONTANE

R.T.: 18.117 min  
Delta R.T.: -0.015 min  
Response: 2644075  
Conc: 18.59 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
WASTEMS

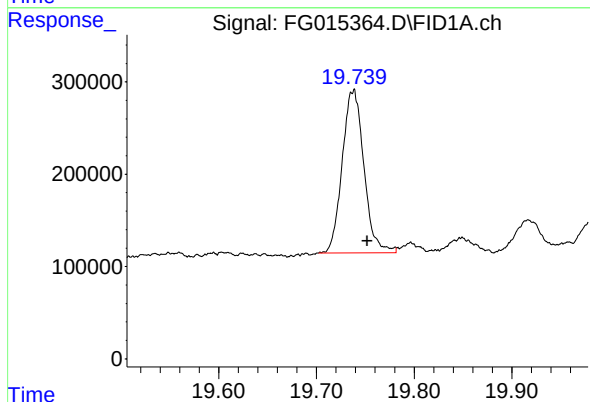
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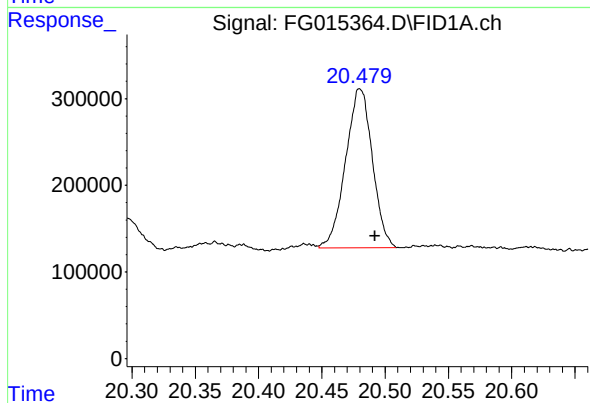
#14 N-DOTRIACONTANE

R.T.: 18.950 min  
Delta R.T.: -0.016 min  
Response: 2751042  
Conc: 19.79 ug/ml



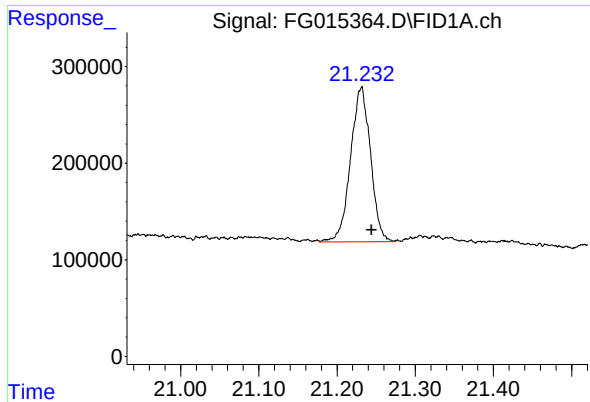
#15 N-TETRATRIACONTANE

R.T.: 19.739 min  
Delta R.T.: -0.013 min  
Response: 2726011  
Conc: 21.76 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min  
Delta R.T.: -0.013 min  
Response: 2701740  
Conc: 25.00 ug/ml



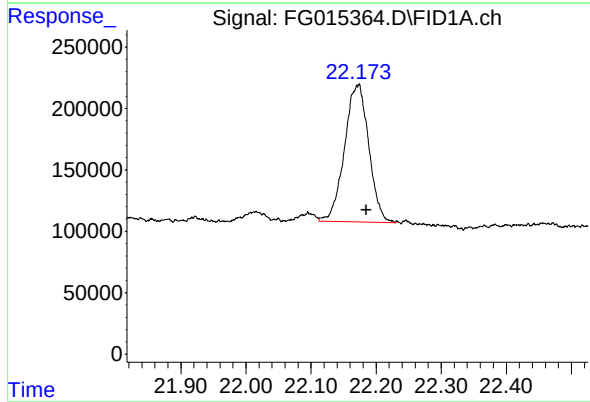
#17 N-OCTATRIACONTANE

R.T.: 21.232 min  
Delta R.T.: -0.012 min  
Response: 2843832  
Conc: 28.83 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 22.173 min  
Delta R.T.: -0.012 min  
Response: 2889692  
Conc: 31.12 ug/ml m