

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012020\  
 Data File : FE031142.D  
 Signal(s) : FID1B.CH  
 Acq On : 20 Jan 2020 17:32  
 Operator : DD\AJ  
 Sample : PB126196BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB126196BS

Manual Integrations  
 APPROVED

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 1/22/2020 9:00:25 AM

Integration File: Sample.e  
 Quant Time: Jan 21 03:03:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE010420.M  
 Quant Title :  
 QLast Update : Mon Jan 06 08:13:00 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.635 | 7466689  | 22.376 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.336  | 4014385  | 10.447 ug/ml  |
| 2) N-DECANE                   | 4.367  | 6064153  | 16.140 ug/ml  |
| 3) N-DODECANE                 | 6.377  | 6703706  | 18.994 ug/ml  |
| 4) N-TETRADECANE              | 8.173  | 7686879  | 20.103 ug/ml  |
| 5) N-HEXADECANE               | 9.776  | 8452331  | 21.833 ug/ml  |
| 6) N-OCTADECANE               | 11.221 | 8602978  | 22.361 ug/ml  |
| 7) N-EICOSANE                 | 12.534 | 8750467  | 22.491 ug/ml  |
| 8) N-DOCOSANE                 | 13.734 | 8678073  | 22.471 ug/ml  |
| 10) N-TETRACOSANE             | 14.840 | 8580458  | 22.371 ug/ml  |
| 11) N-HEXACOSANE              | 15.863 | 8406177  | 21.978 ug/ml  |
| 12) N-OCTACOSANE              | 16.815 | 8487576  | 22.078 ug/ml  |
| 13) N-TRIACONTANE             | 17.705 | 8457859  | 22.062 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.538 | 7941358  | 21.957 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.324 | 7358650  | 22.068 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.064 | 7000569  | 23.663 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.795 | 6009922  | 23.178 ug/ml  |
| 18) N-TETRACONTANE            | 21.692 | 6061574  | 24.424 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 20 Jan 2020 17:32  
Operator : DD\AJ  
Sample : PB126196BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

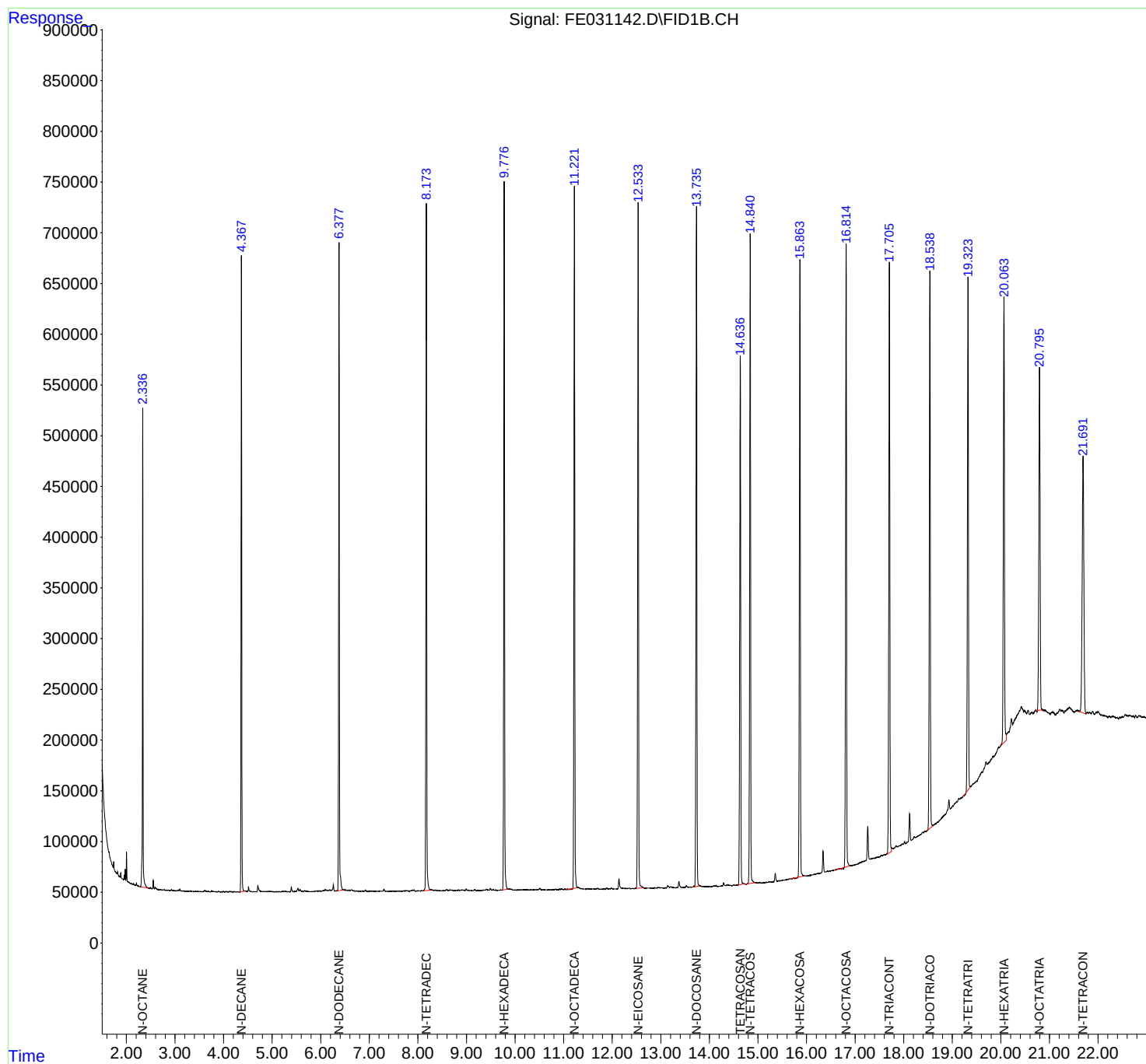
Instrument :  
FID\_E  
ClientSampled :  
PB126196BS

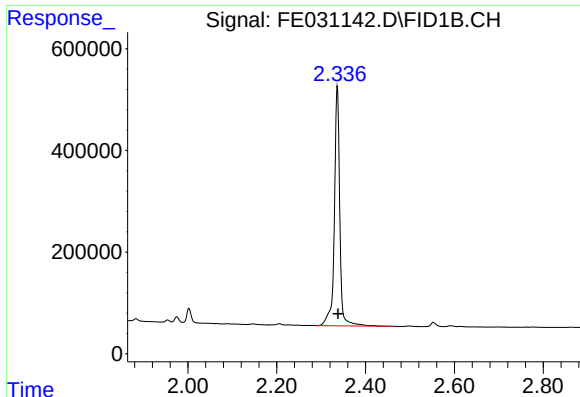
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Signal Info : 20mx0.18mmx0.18um





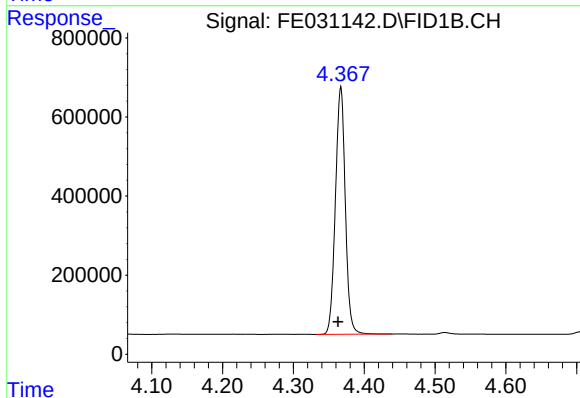
#1 N-OCTANE

R.T.: 2.336 min  
Delta R.T.: -0.002 min  
Response: 4014385  
Conc: 10.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB126196BS

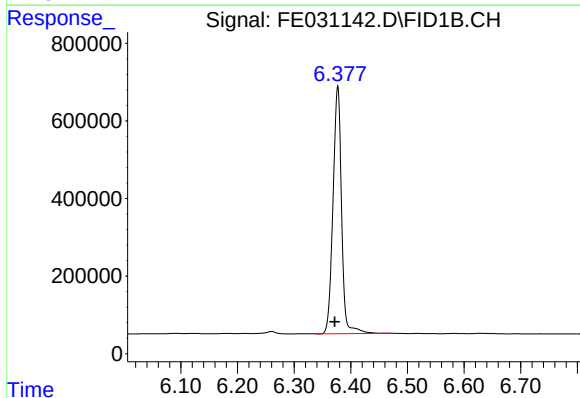
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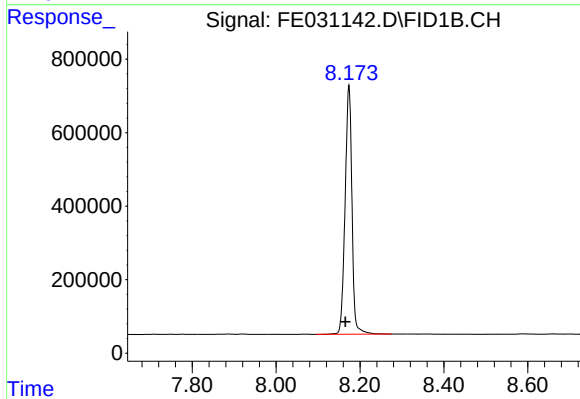
#2 N-DECANE

R.T.: 4.367 min  
Delta R.T.: 0.003 min  
Response: 6064153  
Conc: 16.14 ug/ml



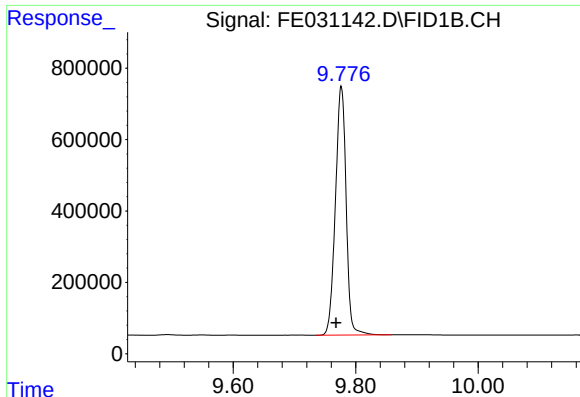
#3 N-DODECANE

R.T.: 6.377 min  
Delta R.T.: 0.005 min  
Response: 6703706  
Conc: 18.99 ug/ml



#4 N-TETRADECANE

R.T.: 8.173 min  
Delta R.T.: 0.008 min  
Response: 7686879  
Conc: 20.10 ug/ml



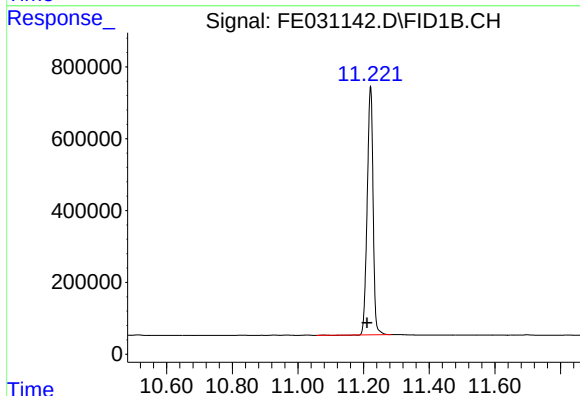
#5 N-HEXADECANE

R.T.: 9.776 min  
Delta R.T.: 0.009 min  
Response: 8452331  
Conc: 21.83 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB126196BS

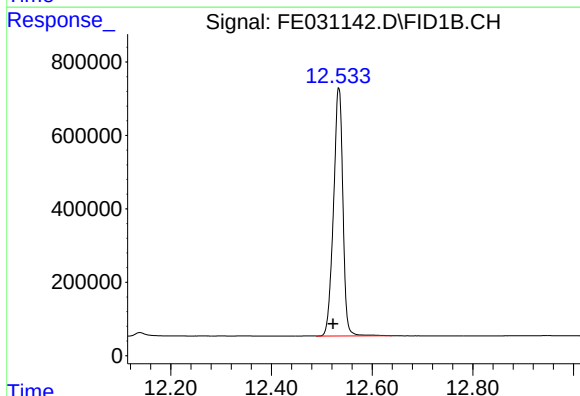
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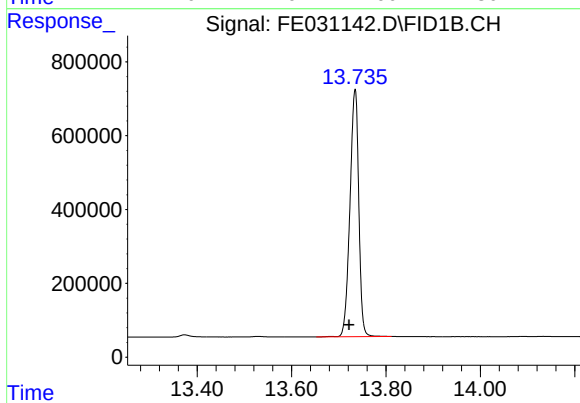
#6 N-OCTADECANE

R.T.: 11.221 min  
Delta R.T.: 0.011 min  
Response: 8602978  
Conc: 22.36 ug/ml



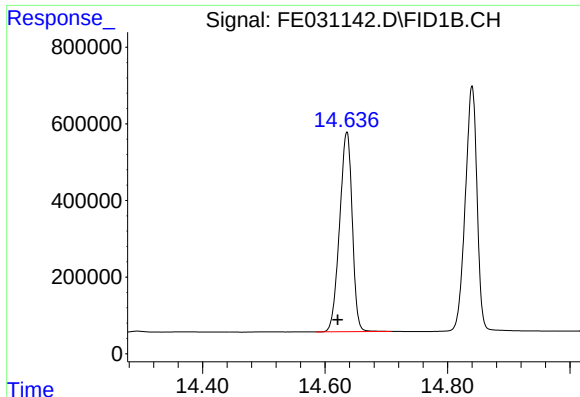
#7 N-EICOSANE

R.T.: 12.534 min  
Delta R.T.: 0.012 min  
Response: 8750467  
Conc: 22.49 ug/ml



#8 N-DOCOSANE

R.T.: 13.734 min  
Delta R.T.: 0.013 min  
Response: 8678073  
Conc: 22.47 ug/ml



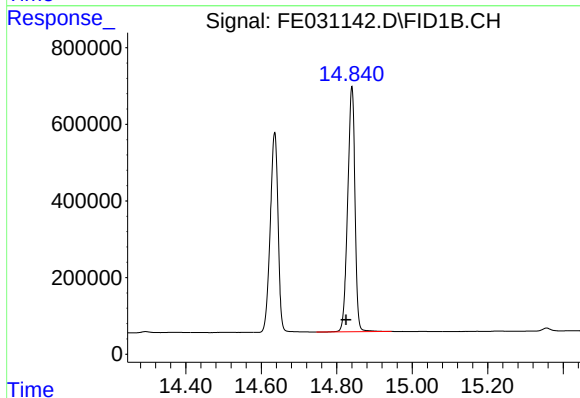
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.635 min  
Delta R.T.: 0.015 min  
Response: 7466689  
Conc: 22.38 ug/ml

Instrument :  
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ClientSampleId :  
PB126196BS

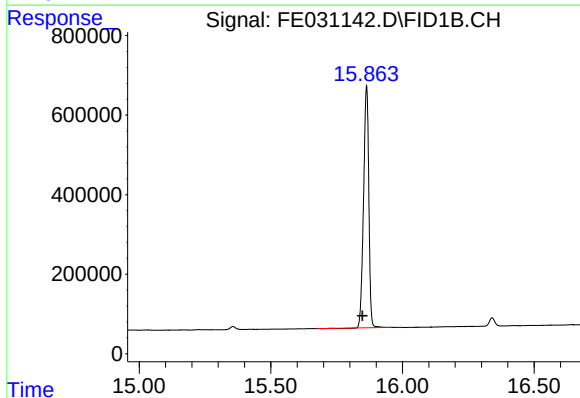
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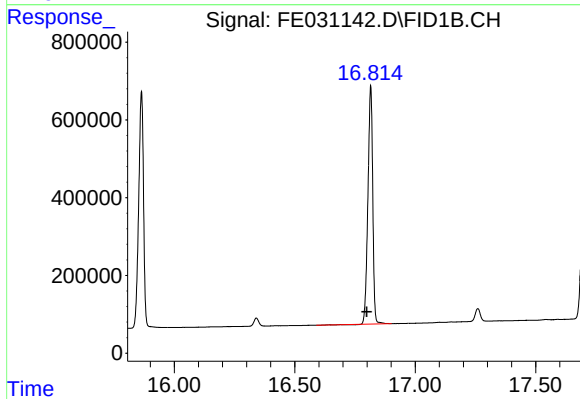
#10 N-TETRACOSANE

R.T.: 14.840 min  
Delta R.T.: 0.015 min  
Response: 8580458  
Conc: 22.37 ug/ml



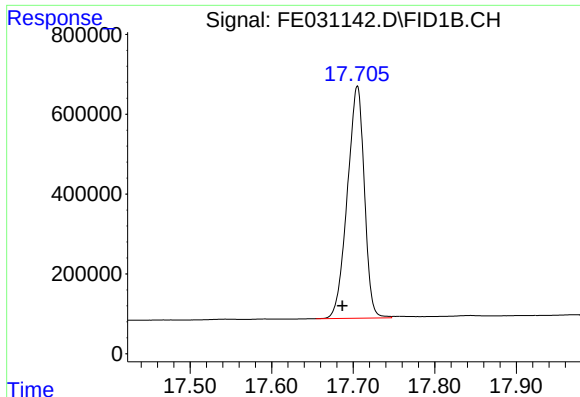
#11 N-HEXACOSANE

R.T.: 15.863 min  
Delta R.T.: 0.015 min  
Response: 8406177  
Conc: 21.98 ug/ml



#12 N-OCTACOSANE

R.T.: 16.815 min  
Delta R.T.: 0.016 min  
Response: 8487576  
Conc: 22.08 ug/ml



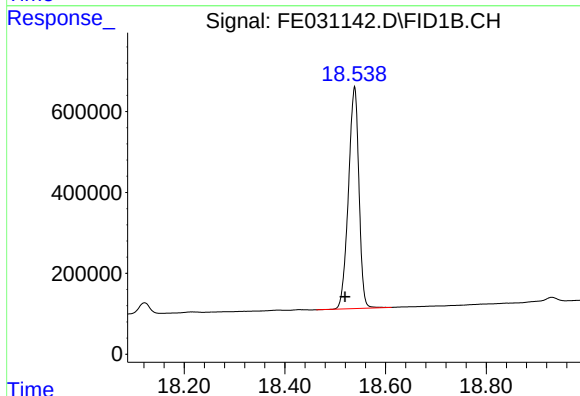
#13 N-TRIACONTANE

R.T.: 17.705 min  
Delta R.T.: 0.018 min  
Response: 8457859  
Conc: 22.06 ug/ml m

Instrument :  
FID\_E  
ClientSampleId :  
PB126196BS

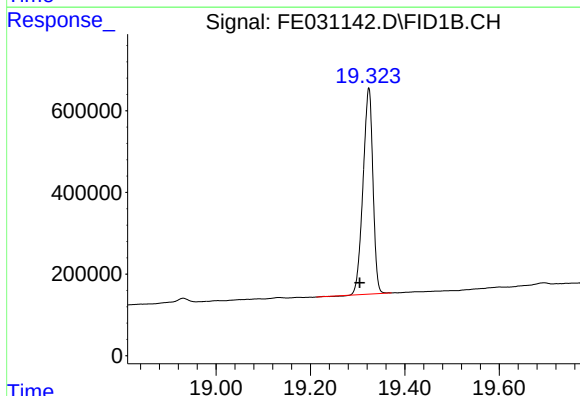
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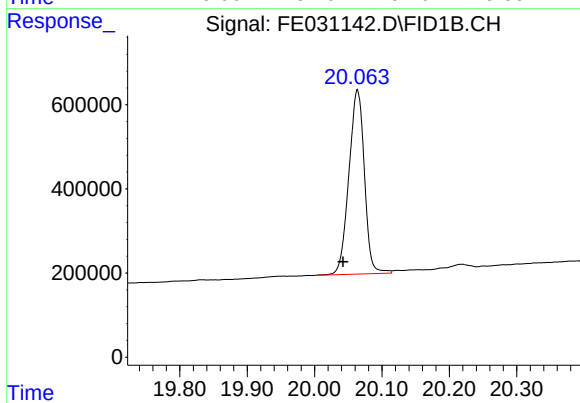
#14 N-DOTRIACONTANE

R.T.: 18.538 min  
Delta R.T.: 0.019 min  
Response: 7941358  
Conc: 21.96 ug/ml



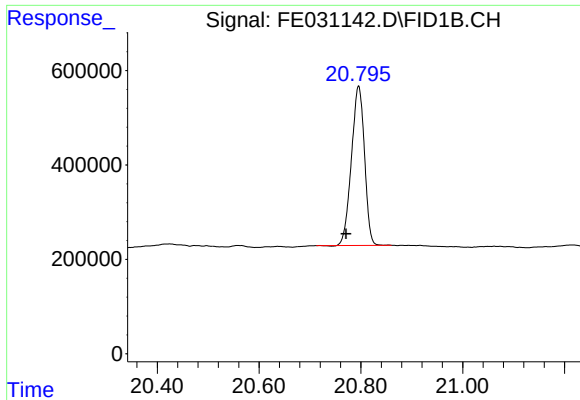
#15 N-TETRATRIACONTANE

R.T.: 19.324 min  
Delta R.T.: 0.019 min  
Response: 7358650  
Conc: 22.07 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.064 min  
Delta R.T.: 0.021 min  
Response: 7000569  
Conc: 23.66 ug/ml



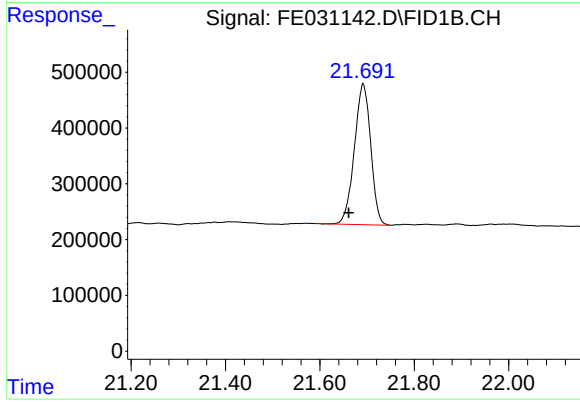
#17 N-OCTATRIACONTANE

R.T.: 20.795 min  
Delta R.T.: 0.025 min  
Response: 6009922  
Conc: 23.18 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.692 min  
Delta R.T.: 0.030 min  
Response: 6061574  
Conc: 24.42 ug/ml