

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101420\  
 Data File : FE032977.D  
 Signal(s) : FID1B.CH  
 Acq On : 14 Oct 2020 15:44  
 Operator : DD\AJ  
 Sample : L4332-03MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SHELL-L15-L14-TPH-2MSD

Manual Integrations  
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 10/15/2020 11:04:31 AM

Integration File: autoint1.e  
 Quant Time: Oct 15 00:35:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE101420.M  
 Quant Title :  
 QLast Update : Wed Oct 14 02:47:05 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... | 14.668 | 5692070  | 18.380 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.358  | 3665497  | 10.668 ug/ml  |
| 2) N-DECANE                   | 4.404  | 5546419  | 16.087 ug/ml  |
| 3) N-DODECANE                 | 6.414  | 6004236  | 17.418 ug/ml  |
| 4) N-TETRADECANE              | 8.213  | 6615739  | 19.145 ug/mlm |
| 5) N-HEXADECANE               | 9.815  | 6982687  | 19.684 ug/mlm |
| 6) N-OCTADECANE               | 11.261 | 5926671  | 16.436 ug/mlm |
| 7) N-EICOSANE                 | 12.577 | 6685834  | 18.635 ug/mlm |
| 8) N-DOCOSANE                 | 13.766 | 6344806  | 17.837 ug/mlm |
| 10) N-TETRACOSANE             | 14.900 | 15010682 | 42.122 ug/mlm |
| 11) N-HEXACOSANE              | 15.888 | 6273956  | 17.907 ug/mlm |
| 12) N-OCTACOSANE              | 16.837 | 5165274  | 14.904 ug/mlm |
| 13) N-TRIACONTANE             | 17.725 | 6542933  | 19.128 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.557 | 10329191 | 31.911 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.337 | 4281870  | 14.661 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.076 | 3908234  | 15.418 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.812 | 2876595  | 12.738 ug/ml  |
| 18) N-TETRACONTANE            | 21.727 | 2675006  | 12.246 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : L4332-03MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

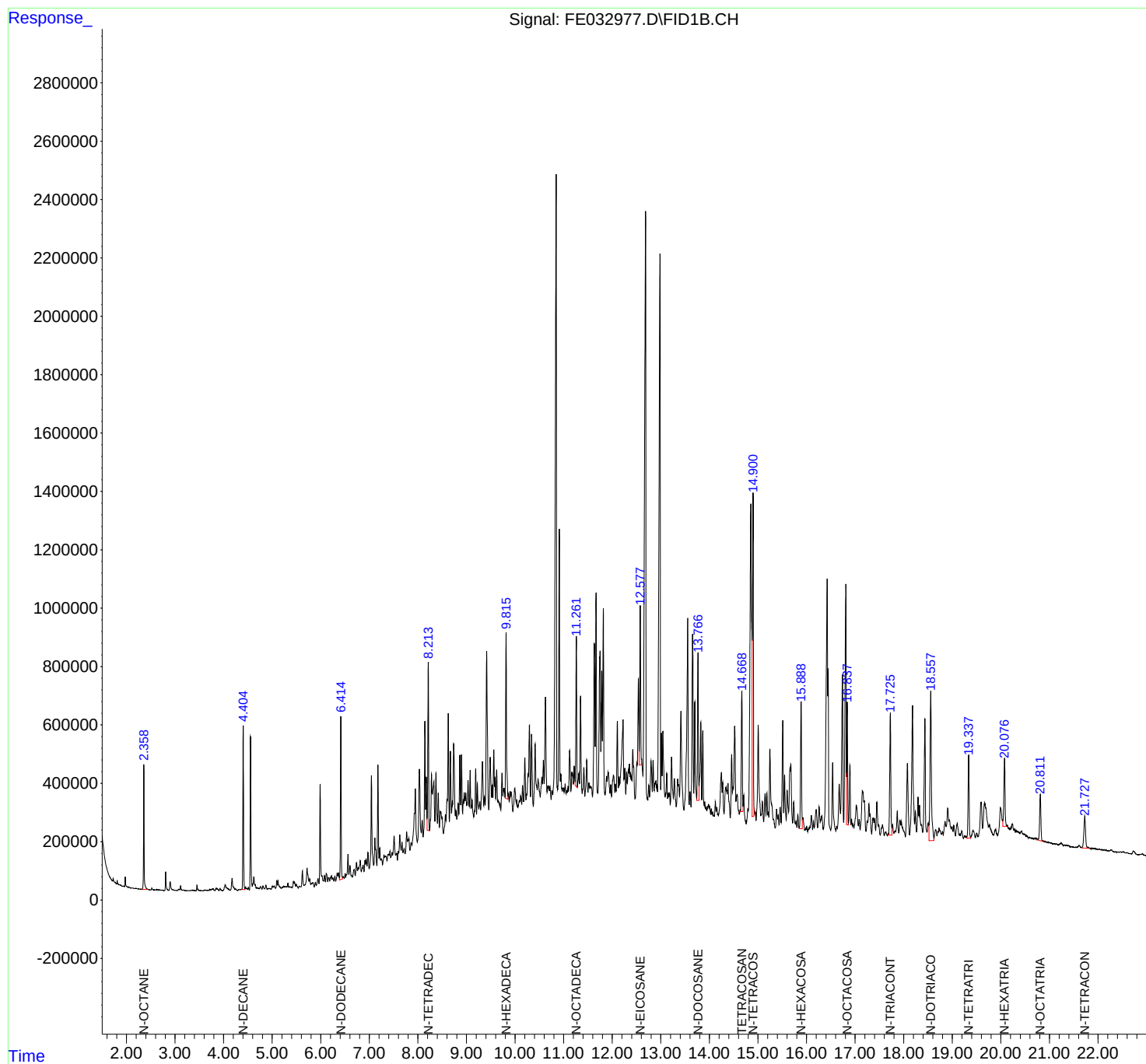
Instrument :  
FID\_E  
ClientSampleId :  
SHELL-L15-L14-TPH-2MSD

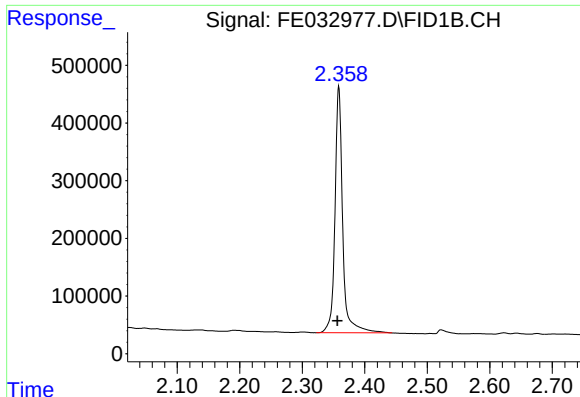
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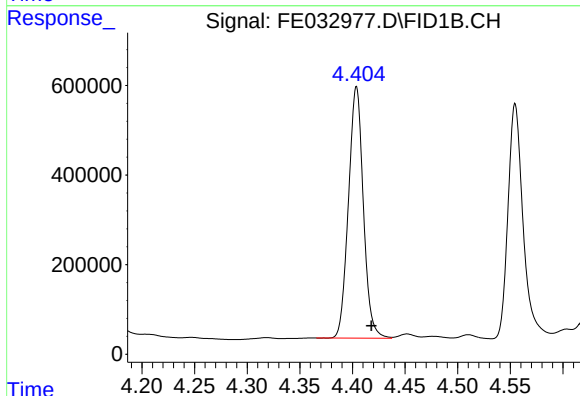
#1 N-OCTANE

R.T.: 2.358 min  
Delta R.T.: 0.002 min  
Response: 3665497  
Conc: 10.67 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SHELL-L15-L14-TPH-2MSD

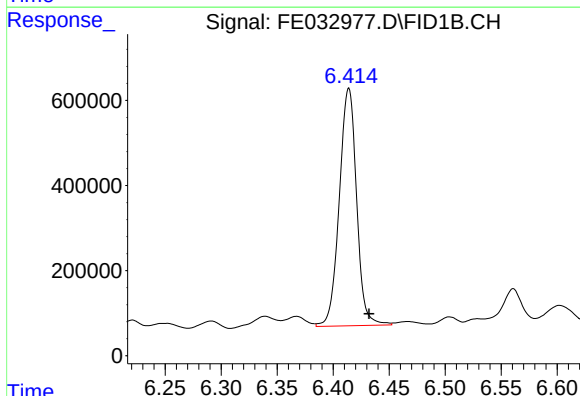
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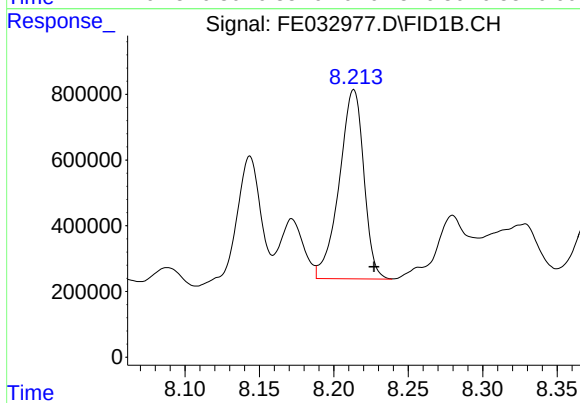
#2 N-DECANE

R.T.: 4.404 min  
Delta R.T.: -0.014 min  
Response: 5546419  
Conc: 16.09 ug/ml



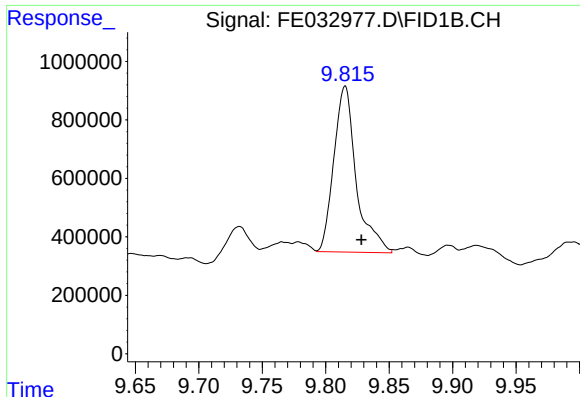
#3 N-DODECANE

R.T.: 6.414 min  
Delta R.T.: -0.018 min  
Response: 6004236  
Conc: 17.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.213 min  
Delta R.T.: -0.014 min  
Response: 6615739  
Conc: 19.15 ug/ml m



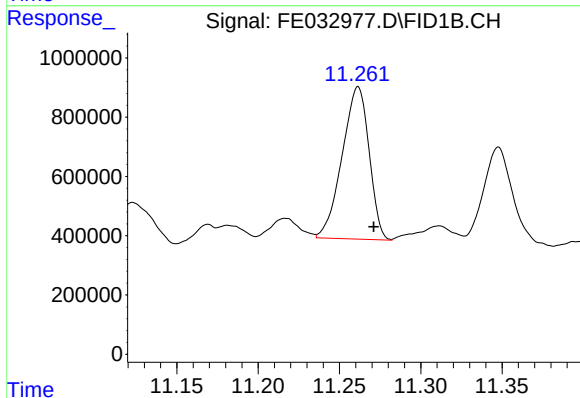
#5 N-HEXADECANE

R.T.: 9.815 min  
Delta R.T.: -0.013 min  
Response: 6982687  
Conc: 19.68 ug/ml m

Instrument :  
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SHELL-L15-L14-TPH-2MSD

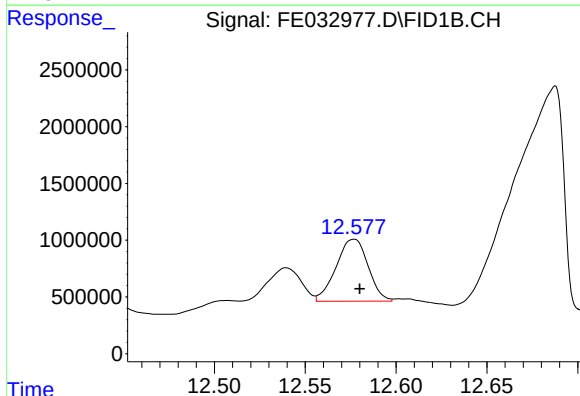
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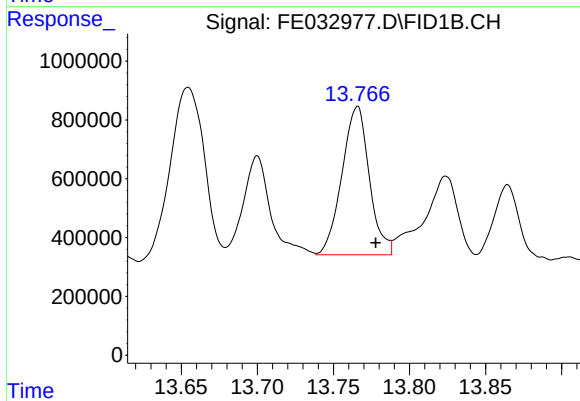
#6 N-OCTADECANE

R.T.: 11.261 min  
Delta R.T.: -0.010 min  
Response: 5926671  
Conc: 16.44 ug/ml m



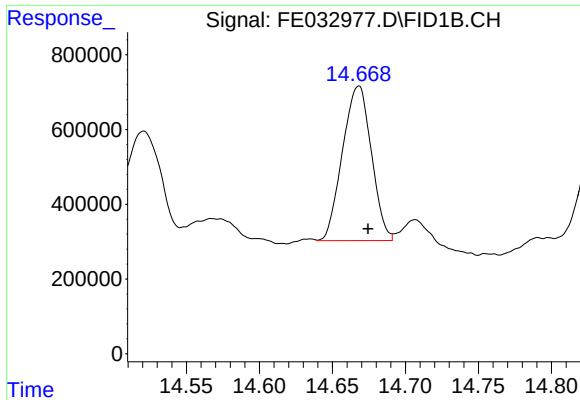
#7 N-EICOSANE

R.T.: 12.577 min  
Delta R.T.: -0.003 min  
Response: 6685834  
Conc: 18.63 ug/ml m



#8 N-DOCOSANE

R.T.: 13.766 min  
Delta R.T.: -0.012 min  
Response: 6344806  
Conc: 17.84 ug/ml m



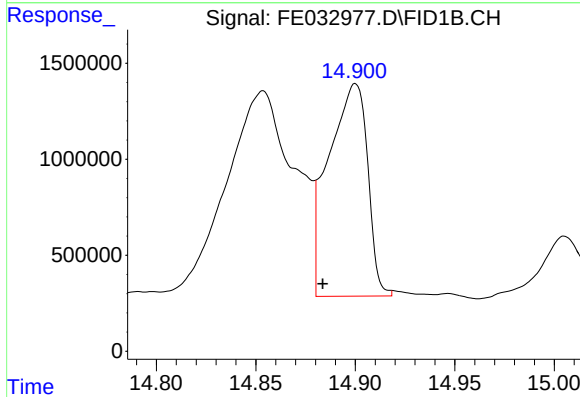
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.668 min  
Delta R.T.: -0.006 min  
Response: 5692070  
Conc: 18.38 ug/ml m

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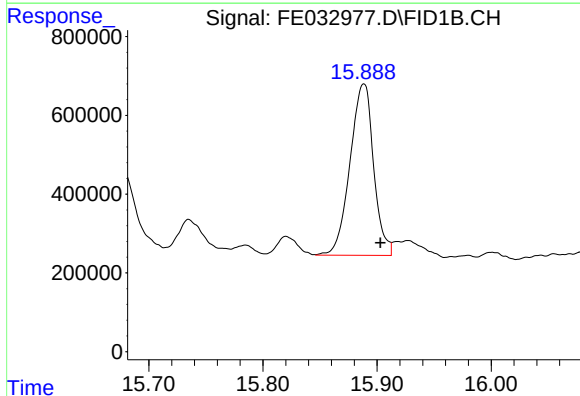
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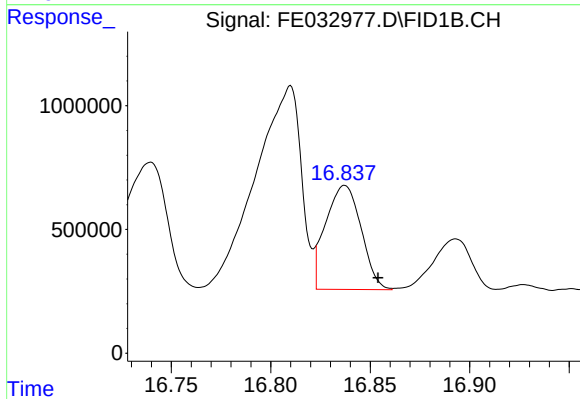
#10 N-TETRACOSANE

R.T.: 14.900 min  
Delta R.T.: 0.016 min  
Response: 15010682  
Conc: 42.12 ug/ml m



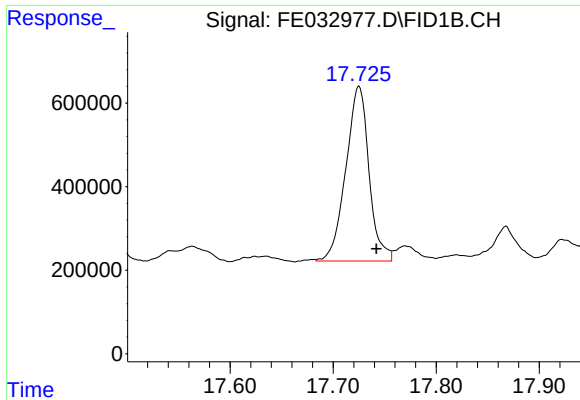
#11 N-HEXACOSANE

R.T.: 15.888 min  
Delta R.T.: -0.015 min  
Response: 6273956  
Conc: 17.91 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.837 min  
Delta R.T.: -0.017 min  
Response: 5165274  
Conc: 14.90 ug/ml m



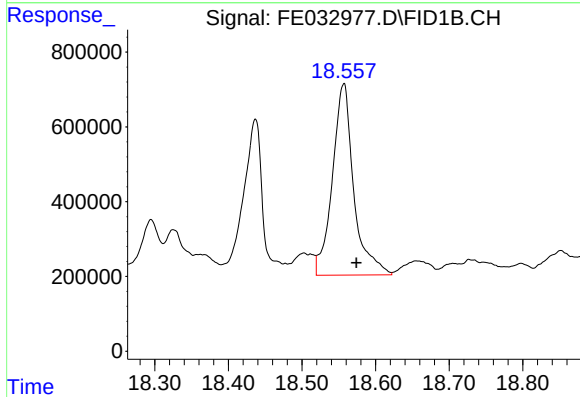
#13 N-TRIACONTANE

R.T.: 17.725 min  
Delta R.T.: -0.017 min  
Response: 6542933  
Conc: 19.13 ug/ml m

Instrument :  
FID\_E  
ClientSampleId :  
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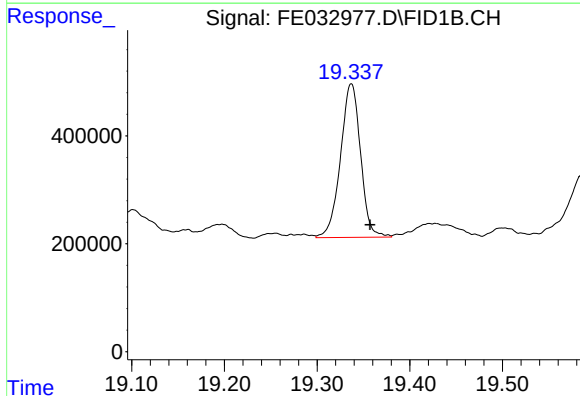
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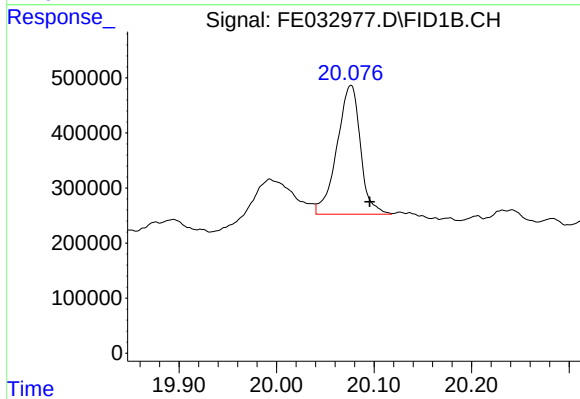
#14 N-DOTRIACONTANE

R.T.: 18.557 min  
Delta R.T.: -0.017 min  
Response: 10329191  
Conc: 31.91 ug/ml



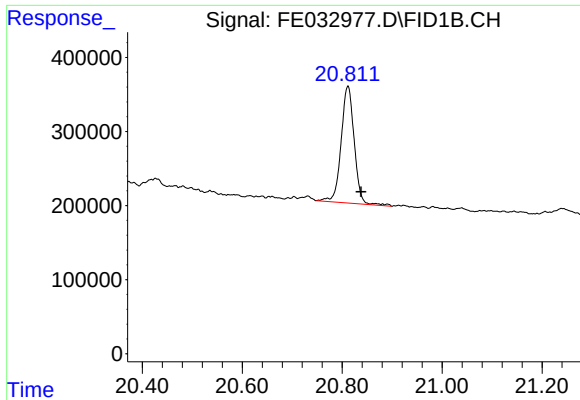
#15 N-TETRATRIACONTANE

R.T.: 19.337 min  
Delta R.T.: -0.020 min  
Response: 4281870  
Conc: 14.66 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.076 min  
Delta R.T.: -0.019 min  
Response: 3908234  
Conc: 15.42 ug/ml m



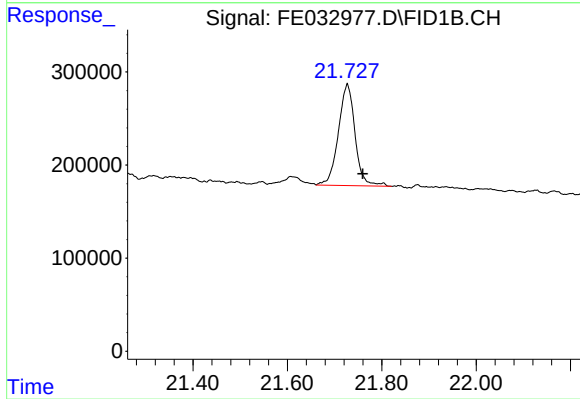
#17 N-OCTATRIACONTANE

R.T.: 20.812 min  
Delta R.T.: -0.026 min  
Response: 2876595  
Conc: 12.74 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.727 min  
Delta R.T.: -0.033 min  
Response: 2675006  
Conc: 12.25 ug/ml