

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF042219\  
 Data File : FF004298.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Apr 2019 17:17  
 Operator : AJ\SJ  
 Sample : K2512-03MSD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 MW-00-20190419MSD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Apr 22 21:52:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF040219.M  
 Quant Title :  
 QLast Update : Tue Apr 02 13:45:53 2019  
 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... | 14.529 | 1838282  | 14.141 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.200  | 1320990  | 9.434 ug/ml   |
| 2) N-DECANE                   | 4.281  | 1829098  | 13.516 ug/ml  |
| 3) N-DODECANE                 | 6.297  | 1923016  | 13.707 ug/ml  |
| 4) N-TETRADECANE              | 8.087  | 2027491  | 14.259 ug/ml  |
| 5) N-HEXADECANE               | 9.683  | 2126882  | 14.370 ug/ml  |
| 6) N-OCTADECANE               | 11.124 | 2177764  | 14.461 ug/ml  |
| 7) N-EICOSANE                 | 12.433 | 2192757  | 14.591 ug/ml  |
| 8) N-DOCOSANE                 | 13.630 | 2146006  | 14.337 ug/ml  |
| 10) N-TETRACOSANE             | 14.733 | 2126890  | 14.439 ug/ml  |
| 11) N-HEXACOSANE              | 15.755 | 2092403  | 14.413 ug/ml  |
| 12) N-OCTACOSANE              | 16.706 | 2125806  | 14.784 ug/mlm |
| 13) N-TRIACONTANE             | 17.597 | 2115049  | 14.810 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.433 | 1966877  | 13.933 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.224 | 1579950  | 11.847 ug/ml  |
| 16) N-HEXATRIACONTANE         | 19.967 | 1115439  | 8.791 ug/mlm  |
| 17) N-OCTATRIACONTANE         | 20.695 | 837899   | 7.361 ug/mlm  |
| 18) N-TETRACONTANE            | 21.558 | 753862   | 6.215 ug/ml   |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 63 Sample Multiplier: 1

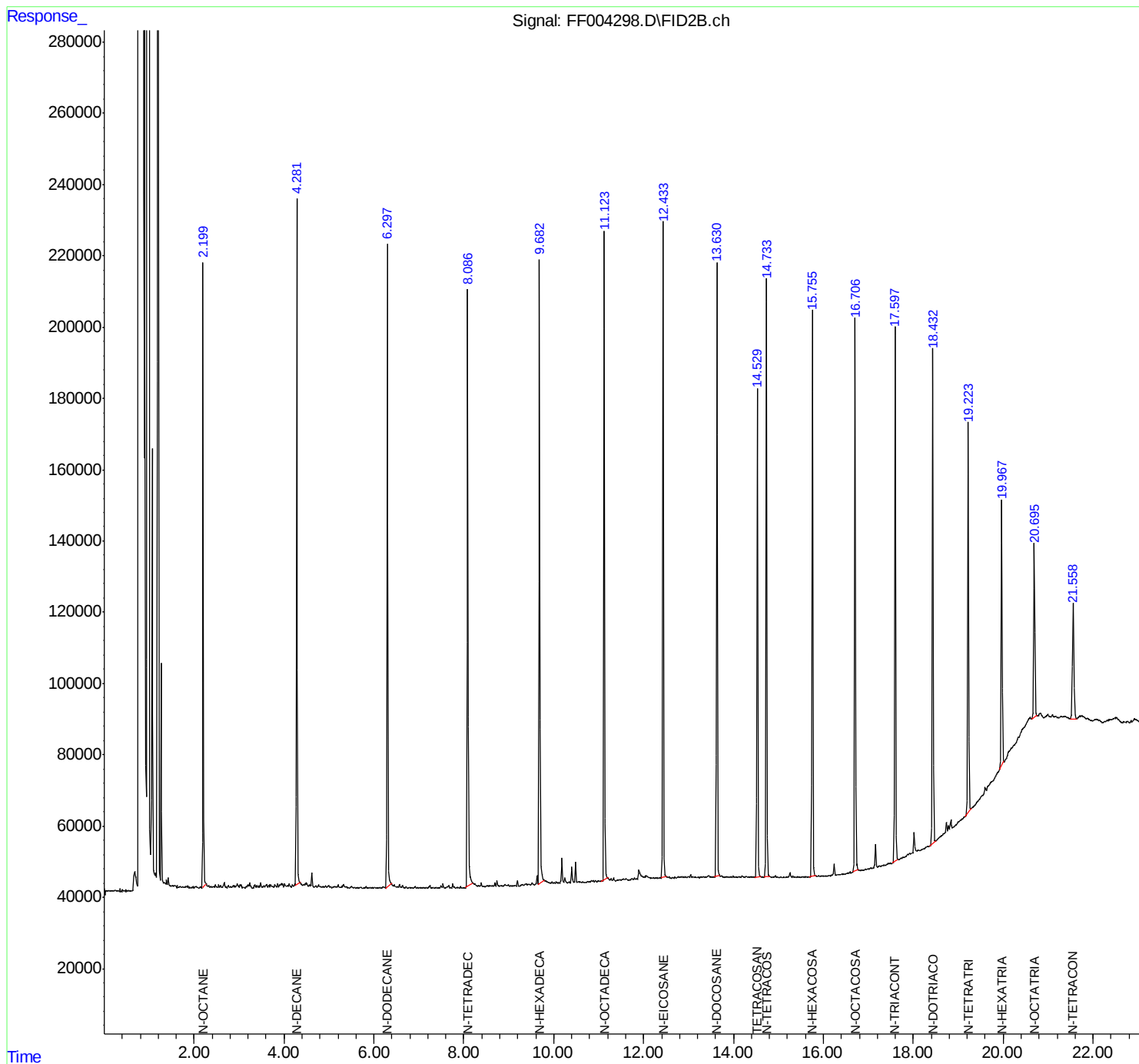
Instrument :  
FID\_F  
ClientSampleId :  
MW-00-20190419MSD

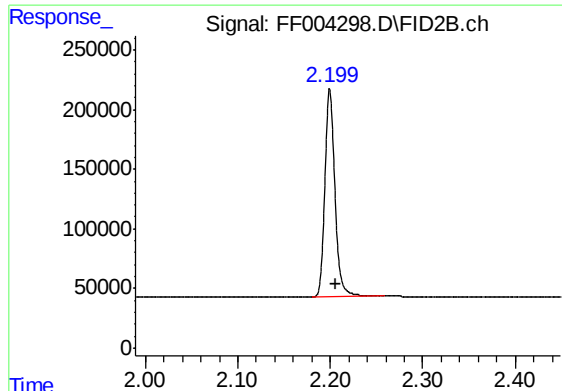
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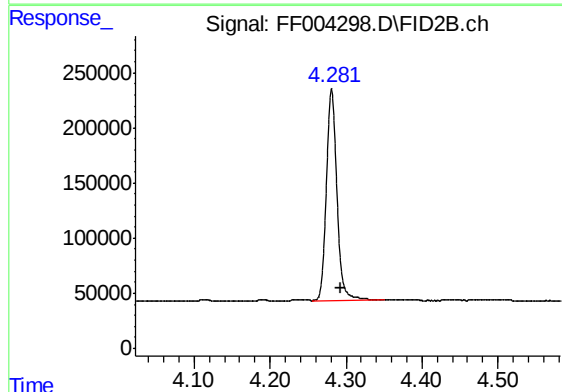
#1 N-OCTANE

R.T.: 2.200 min  
Delta R.T.: -0.006 min  
Response: 1320990  
Conc: 9.43 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
MW-00-20190419MSD

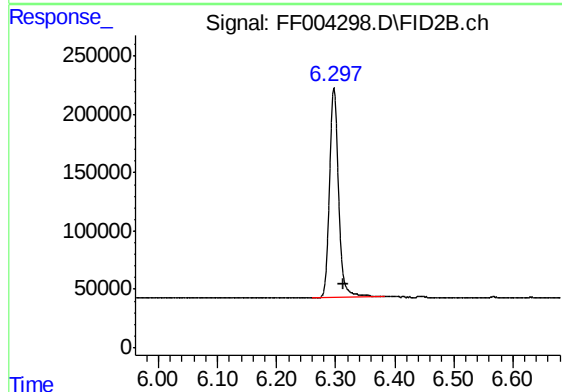
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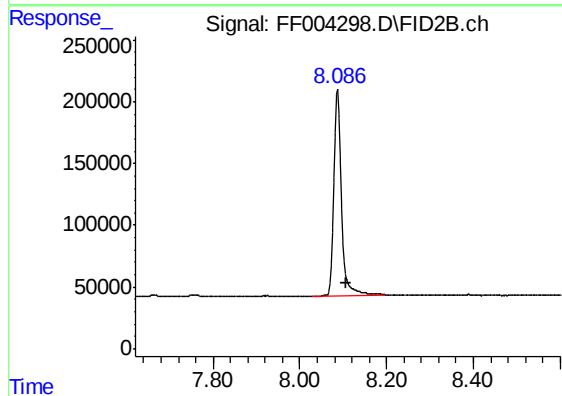
#2 N-DECANE

R.T.: 4.281 min  
Delta R.T.: -0.013 min  
Response: 1829098  
Conc: 13.52 ug/ml



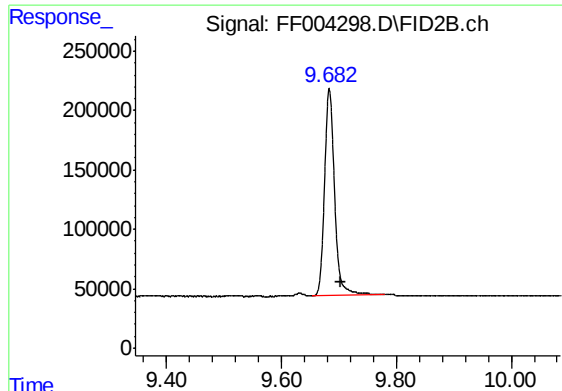
#3 N-DODECANE

R.T.: 6.297 min  
Delta R.T.: -0.016 min  
Response: 1923016  
Conc: 13.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.087 min  
Delta R.T.: -0.019 min  
Response: 2027491  
Conc: 14.26 ug/ml



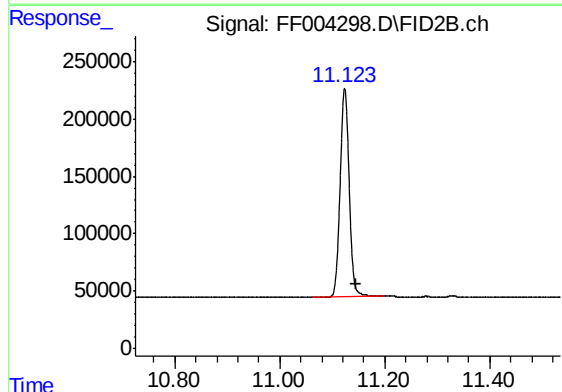
#5 N-HEXADECANE

R.T.: 9.683 min  
Delta R.T.: -0.021 min  
Response: 2126882  
Conc: 14.37 ug/ml

Instrument :  
FID\_F  
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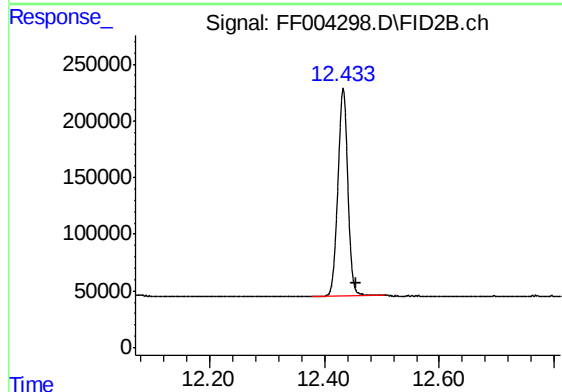
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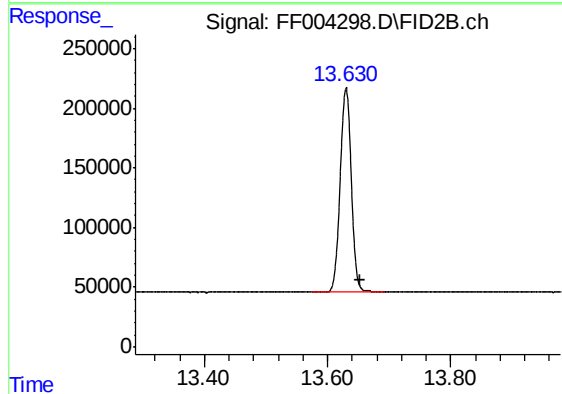
#6 N-OCTADECANE

R.T.: 11.124 min  
Delta R.T.: -0.022 min  
Response: 2177764  
Conc: 14.46 ug/ml



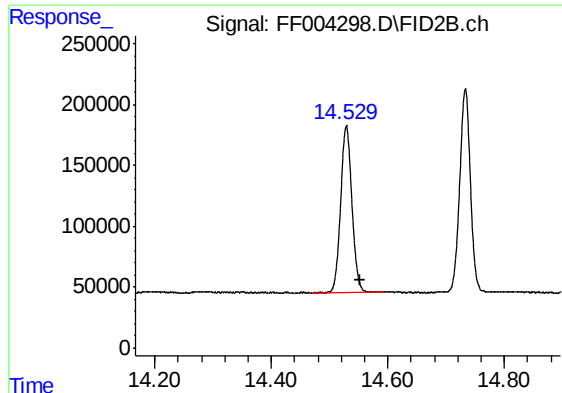
#7 N-EICOSANE

R.T.: 12.433 min  
Delta R.T.: -0.023 min  
Response: 2192757  
Conc: 14.59 ug/ml



#8 N-DOCOSANE

R.T.: 13.630 min  
Delta R.T.: -0.024 min  
Response: 2146006  
Conc: 14.34 ug/ml



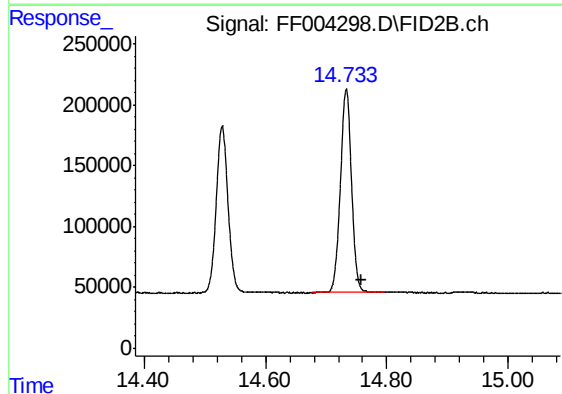
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.529 min  
Delta R.T.: -0.025 min  
Response: 1838282  
Conc: 14.14 ug/ml

Instrument :  
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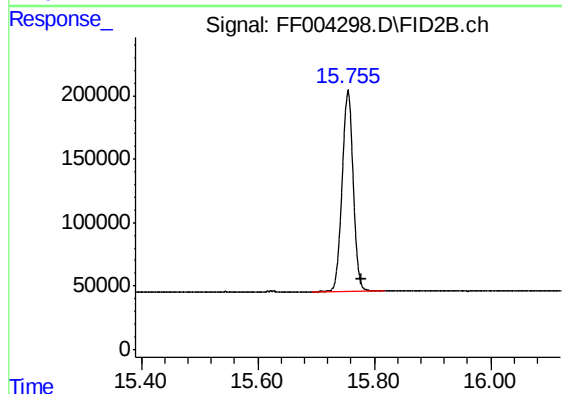
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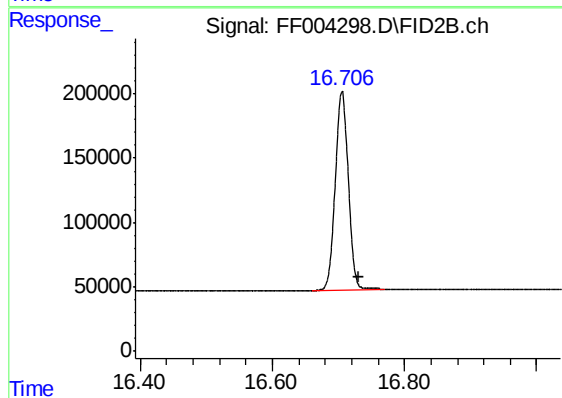
#10 N-TETRACOSANE

R.T.: 14.733 min  
Delta R.T.: -0.024 min  
Response: 2126890  
Conc: 14.44 ug/ml



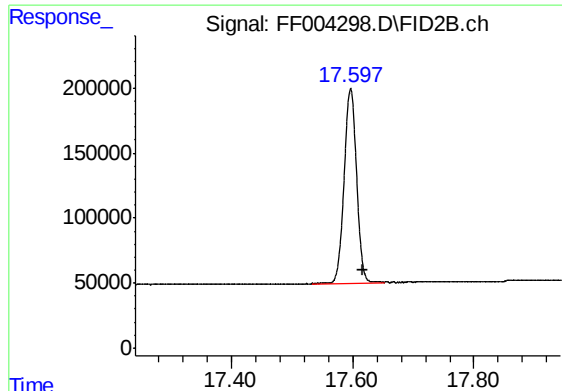
#11 N-HEXACOSANE

R.T.: 15.755 min  
Delta R.T.: -0.023 min  
Response: 2092403  
Conc: 14.41 ug/ml



#12 N-OCTACOSANE

R.T.: 16.706 min  
Delta R.T.: -0.024 min  
Response: 2125806  
Conc: 14.78 ug/ml m



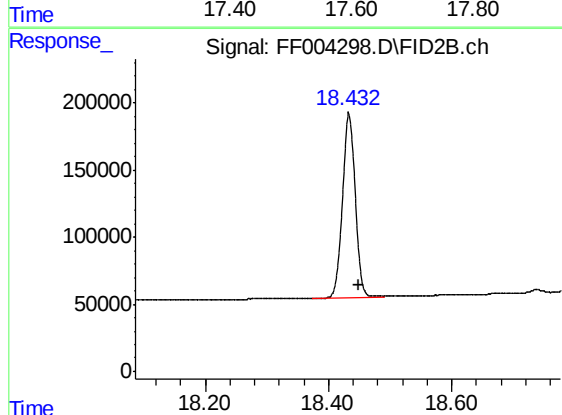
#13 N-TRIACONTANE

R.T.: 17.597 min  
Delta R.T.: -0.019 min  
Response: 2115049  
Conc: 14.81 ug/ml

Instrument :  
FID\_F  
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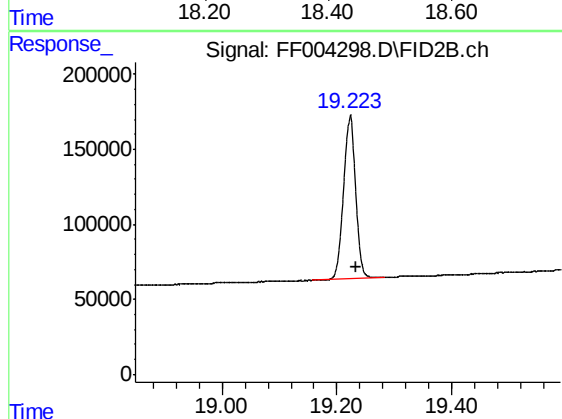
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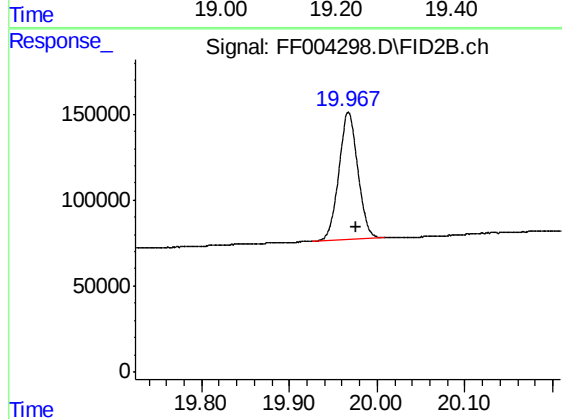
#14 N-DOTRIACONTANE

R.T.: 18.433 min  
Delta R.T.: -0.017 min  
Response: 1966877  
Conc: 13.93 ug/ml



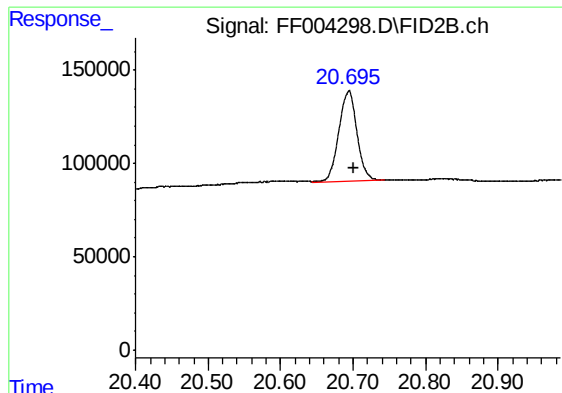
#15 N-TETRATRIACONTANE

R.T.: 19.224 min  
Delta R.T.: -0.011 min  
Response: 1579950  
Conc: 11.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.967 min  
Delta R.T.: -0.010 min  
Response: 1115439  
Conc: 8.79 ug/ml m



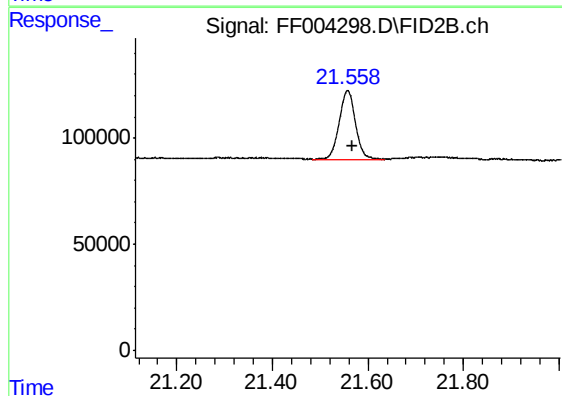
#17 N-OCTATRIACONTANE

R.T.: 20.695 min  
Delta R.T.: -0.006 min  
Response: 837899  
Conc: 7.36 ug/ml m

Instrument :  
FID\_F  
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#18 N-TETRACONTANE

R.T.: 21.558 min  
Delta R.T.: -0.009 min  
Response: 753862  
Conc: 6.22 ug/ml