

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF011024\  
 Data File : FF013915.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Jan 2024 11:01  
 Operator : YP\AJ  
 Sample : UNLEADED GASOLINE  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 11 01:18:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF010224.M  
 Quant Title :  
 QLast Update : Wed Jan 03 03:19:15 2024  
 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... | 15.001  | 47522    | 0.393 ug/ml  |
| Target Compounds              |         |          |              |
| 1) N-OCTANE                   | 1.952   | 4298625  | 37.507 ug/ml |
| 2) N-DECANE                   | 4.519   | 2053704  | 17.273 ug/ml |
| 3) N-DODECANE                 | 6.673   | 436992   | 3.582 ug/ml  |
| 4) N-TETRADECANE              | 8.444f  | 110632   | 0.892 ug/ml  |
| 11) N-HEXACOSANE              | 16.188  | 91932    | 0.728 ug/ml  |
| 13) N-TRIACONTANE             | 18.029  | 155237   | 1.243 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.880  | 643716   | 5.015 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.659  | 45909    | 0.455 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.434  | 1245837  | 15.411 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.125  | 454648   | 6.750 ug/ml  |
| 18) N-TETRACONTANE            | 22.055f | 1634471  | 20.098 ug/ml |
| -----                         |         |          |              |

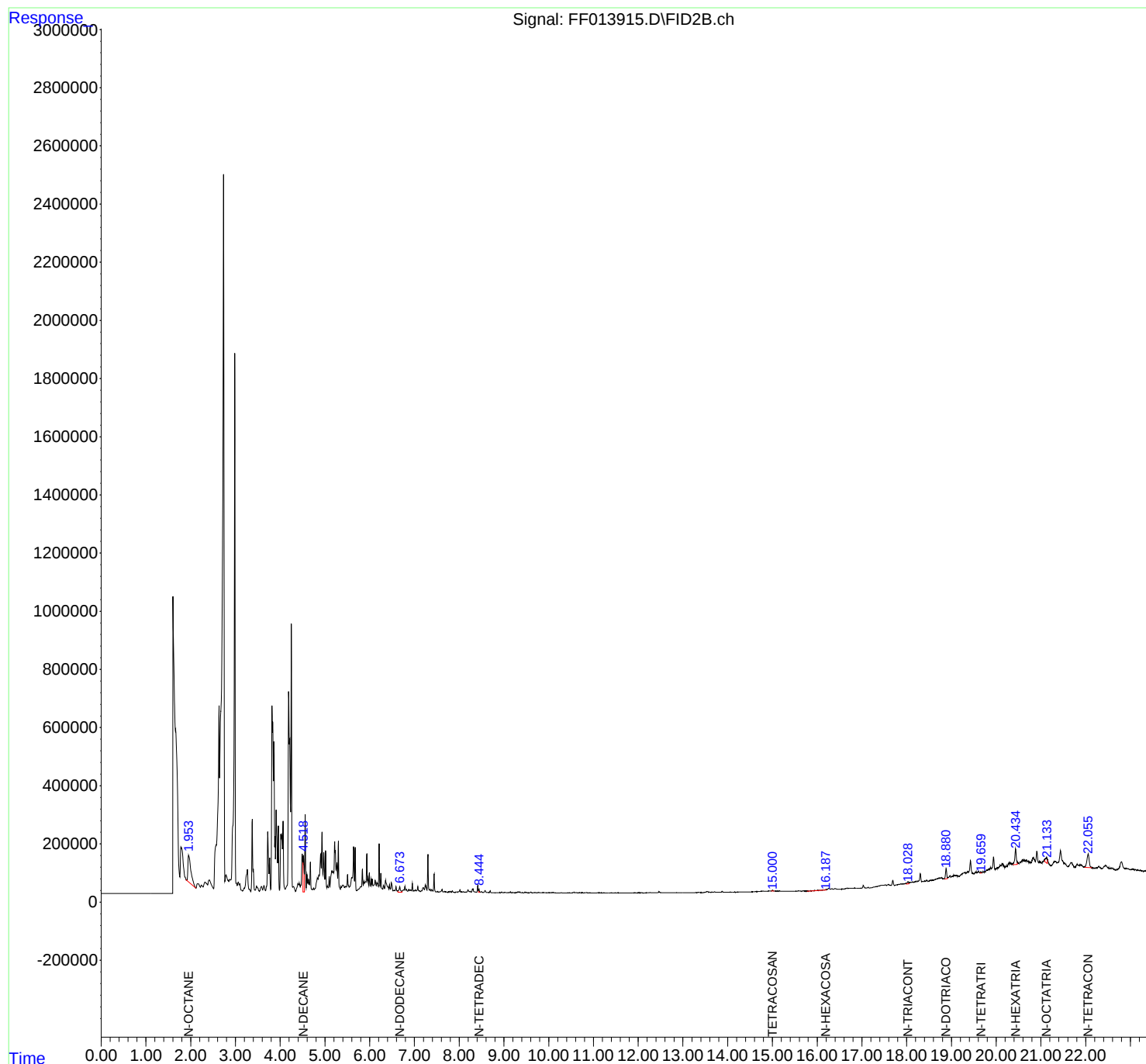
(f)=RT Delta > 1/2 Window

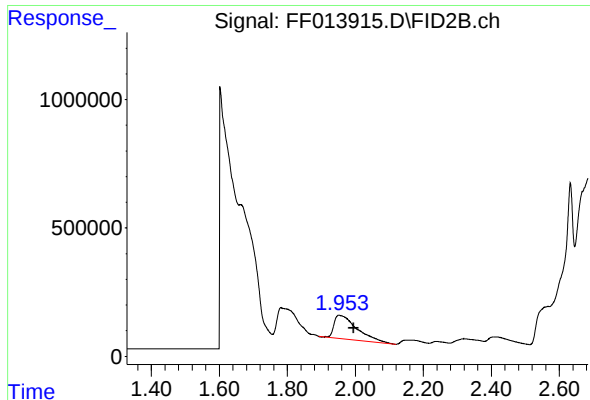
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF011024\  
Data File : FF013915.D  
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Operator : YP\AJ  
Sample : UNLEADED GASOLINE  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e  
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Response via : Initial Calibration  
Integrator: ChemStation

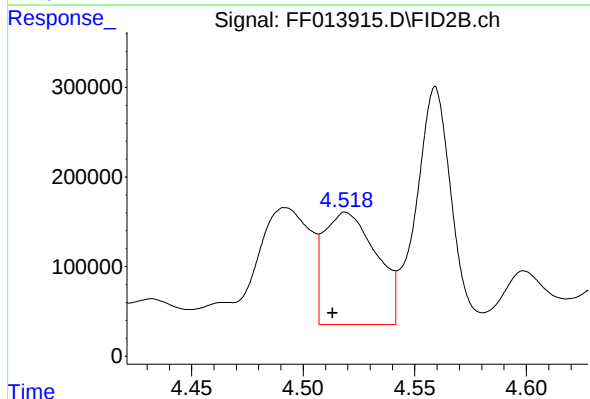
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





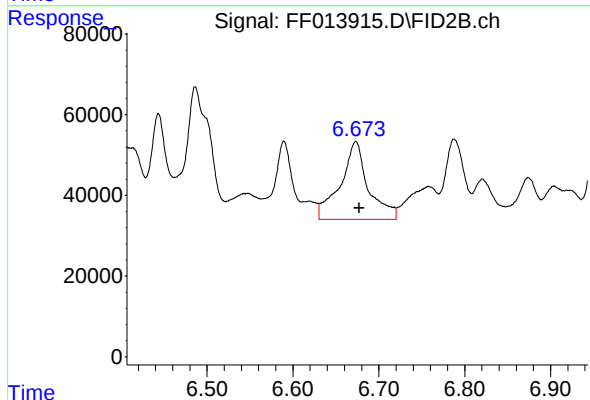
#1 N-OCTANE

R.T.: 1.952 min  
Delta R.T.: -0.043 min  
Response: 4298625  
Conc: 37.51 ug/ml



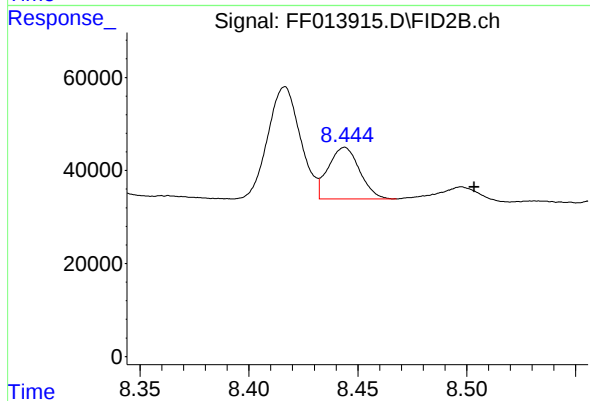
#2 N-DECANE

R.T.: 4.519 min  
Delta R.T.: 0.006 min  
Response: 2053704  
Conc: 17.27 ug/ml



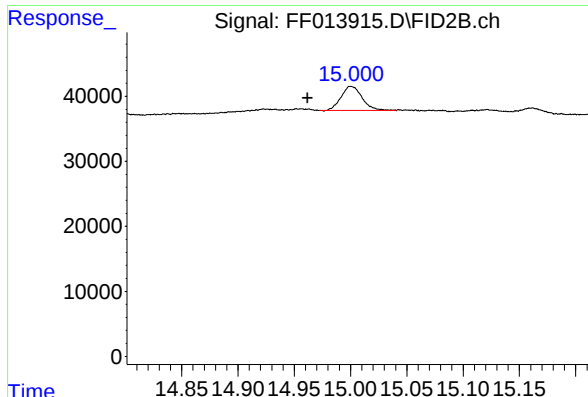
#3 N-DODECANE

R.T.: 6.673 min  
Delta R.T.: -0.004 min  
Response: 436992  
Conc: 3.58 ug/ml



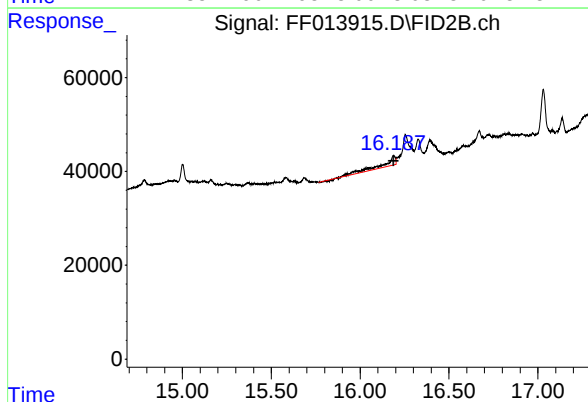
#4 N-TETRADECANE

R.T.: 8.444 min  
Delta R.T.: -0.060 min  
Response: 110632  
Conc: 0.89 ug/ml



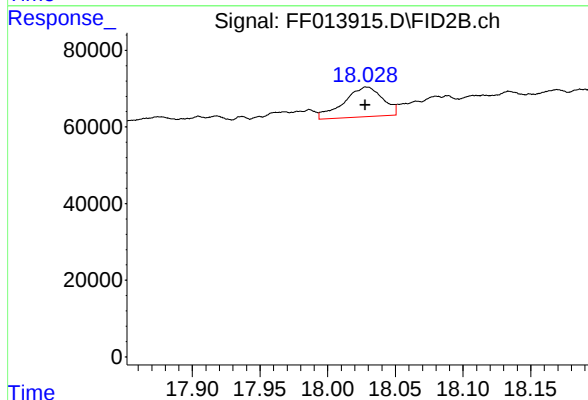
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.001 min  
Delta R.T.: 0.039 min  
Response: 47522  
Conc: 0.39 ug/ml



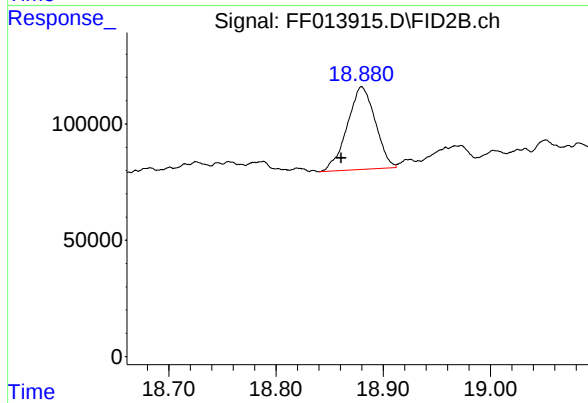
#11 N-HEXACOSANE

R.T.: 16.188 min  
Delta R.T.: 0.000 min  
Response: 91932  
Conc: 0.73 ug/ml



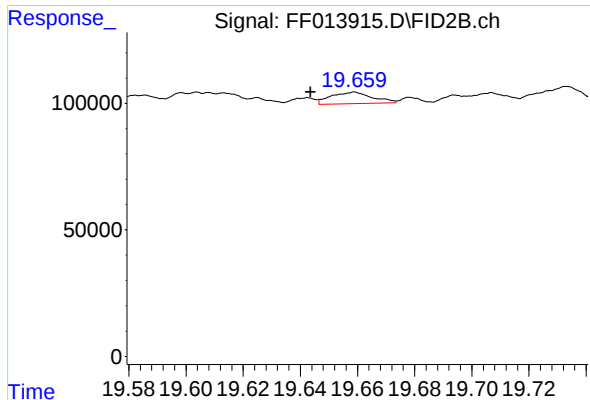
#13 N-TRIACONTANE

R.T.: 18.029 min  
Delta R.T.: 0.001 min  
Response: 155237  
Conc: 1.24 ug/ml



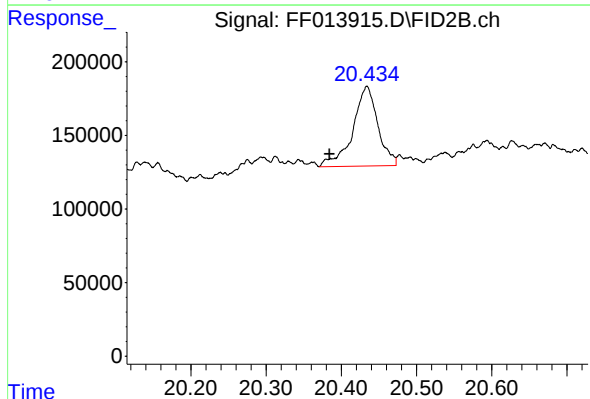
#14 N-DOTRIACONTANE

R.T.: 18.880 min  
Delta R.T.: 0.019 min  
Response: 643716  
Conc: 5.01 ug/ml



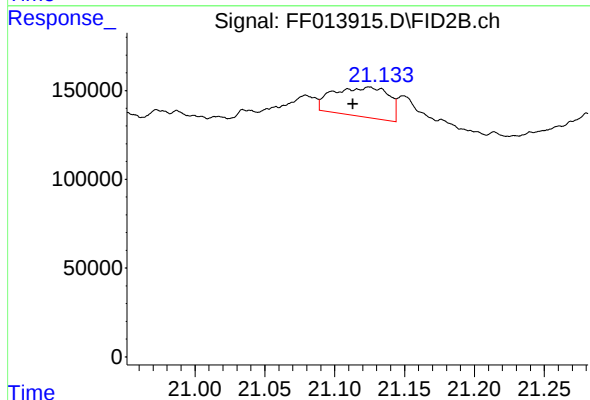
#15 N-TETRATRIACONTANE

R.T.: 19.659 min  
Delta R.T.: 0.015 min  
Response: 45909  
Conc: 0.45 ug/ml



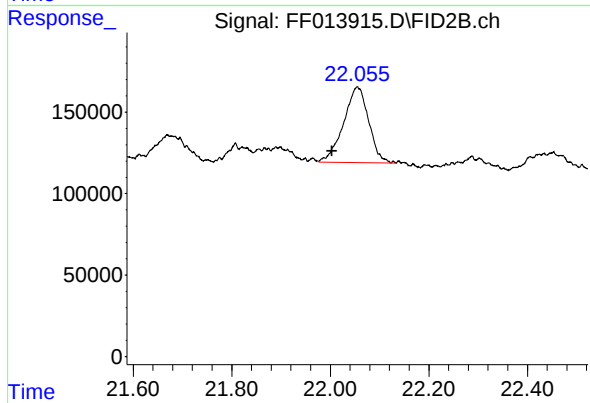
#16 N-HEXATRIACONTANE

R.T.: 20.434 min  
Delta R.T.: 0.049 min  
Response: 1245837  
Conc: 15.41 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.125 min  
Delta R.T.: 0.012 min  
Response: 454648  
Conc: 6.75 ug/ml



#18 N-TETRACONTANE

R.T.: 22.055 min  
Delta R.T.: 0.051 min  
Response: 1634471  
Conc: 20.10 ug/ml