

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121123\  
 Data File : FF013819.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Dec 2023 13:50  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/12/2023  
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e  
 Quant Time: Dec 11 23:45:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF120523.M  
 Quant Title :  
 QLast Update : Tue Dec 05 11:16:50 2023  
 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... | 14.972 | 5271902  | 44.612 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 1.996  | 4644455  | 38.713 ug/ml  |
| 2) N-DECANE                   | 4.518  | 5469297  | 43.653 ug/ml  |
| 3) N-DODECANE                 | 6.684  | 5640860  | 44.056 ug/ml  |
| 4) N-TETRADECANE              | 8.510  | 5714754  | 44.388 ug/ml  |
| 5) N-HEXADECANE               | 10.117 | 5850533  | 44.471 ug/ml  |
| 6) N-OCTADECANE               | 11.561 | 5877231  | 44.609 ug/ml  |
| 7) N-EICOSANE                 | 12.872 | 5844558  | 44.857 ug/ml  |
| 8) N-DOCOSANE                 | 14.071 | 5644000  | 44.924 ug/ml  |
| 10) N-TETRACOSANE             | 15.176 | 5608129  | 45.104 ug/ml  |
| 11) N-HEXACOSANE              | 16.198 | 5460220  | 45.144 ug/ml  |
| 12) N-OCTACOSANE              | 17.149 | 5427892  | 45.755 ug/ml  |
| 13) N-TRIACONTANE             | 18.038 | 5520822  | 47.037 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.872 | 5379197  | 47.435 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.654 | 4659703  | 47.537 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.395 | 3696120  | 45.929 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.125 | 3345737  | 44.926 ug/ml  |
| 18) N-TETRACONTANE            | 22.017 | 3317764  | 42.486 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 53 Sample Multiplier: 1

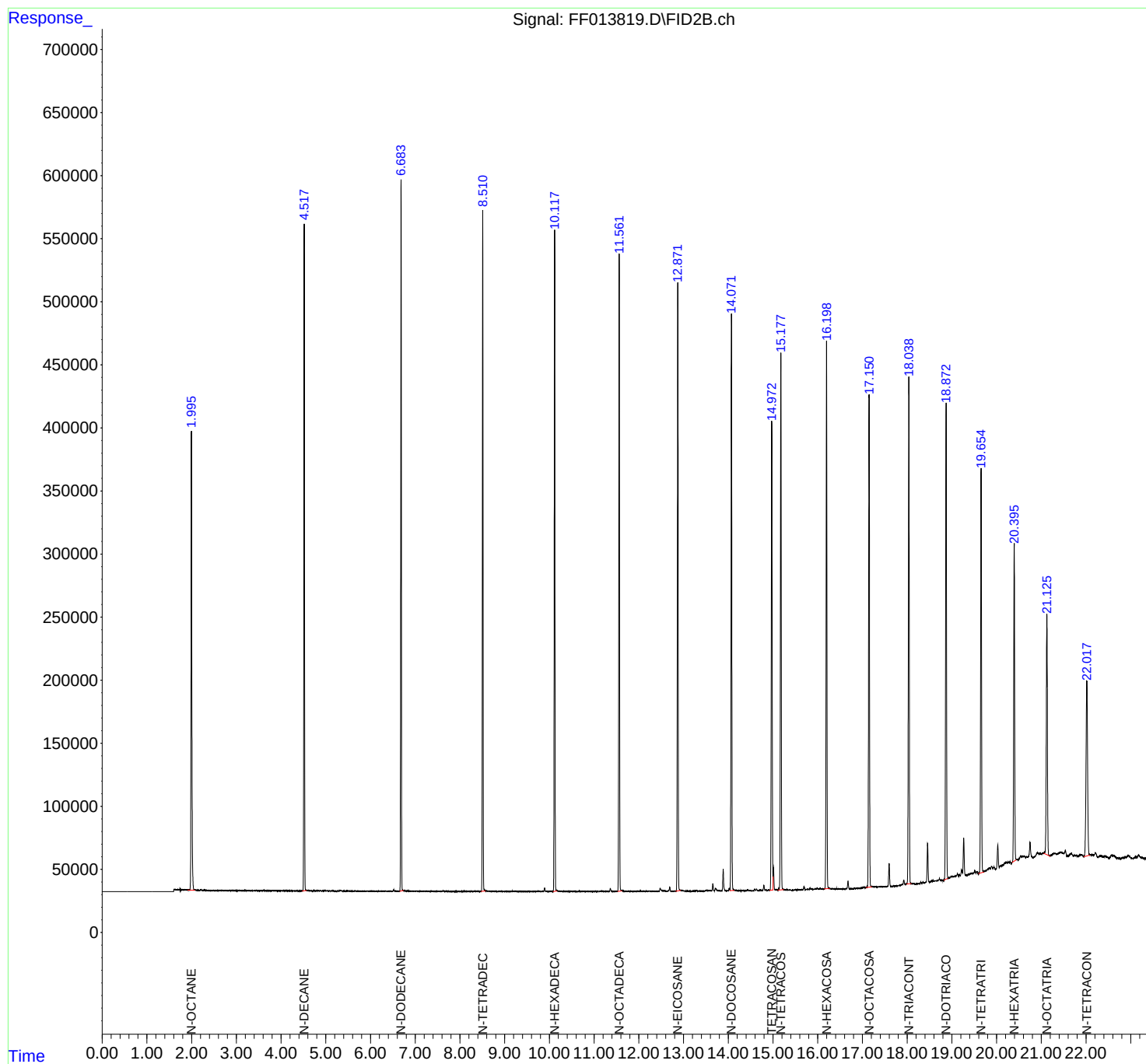
Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

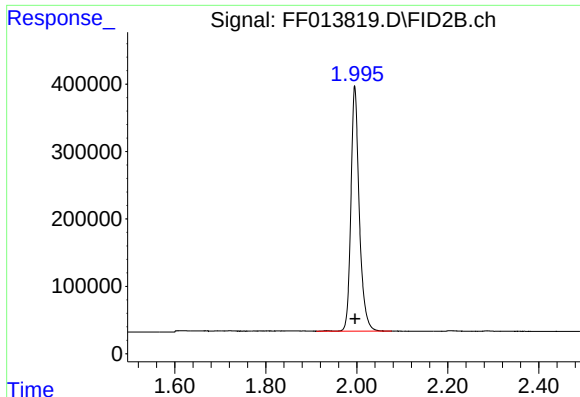
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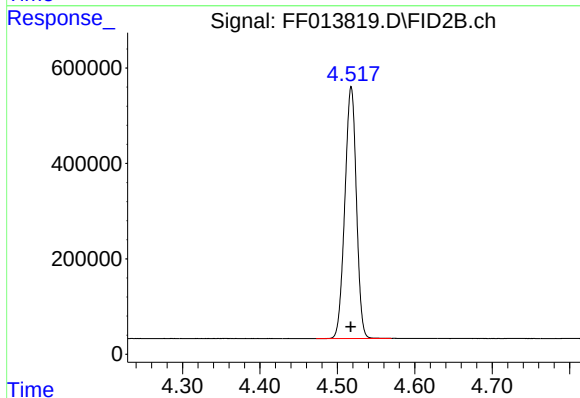
#1 N-OCTANE

R.T.: 1.996 min  
Delta R.T.: 0.000 min  
Response: 4644455  
Conc: 38.71 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

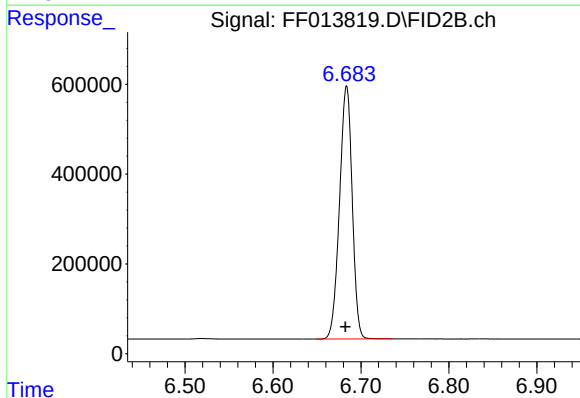
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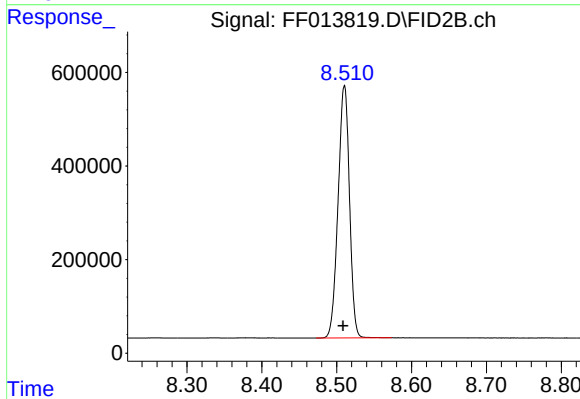
#2 N-DECANE

R.T.: 4.518 min  
Delta R.T.: 0.000 min  
Response: 5469297  
Conc: 43.65 ug/ml



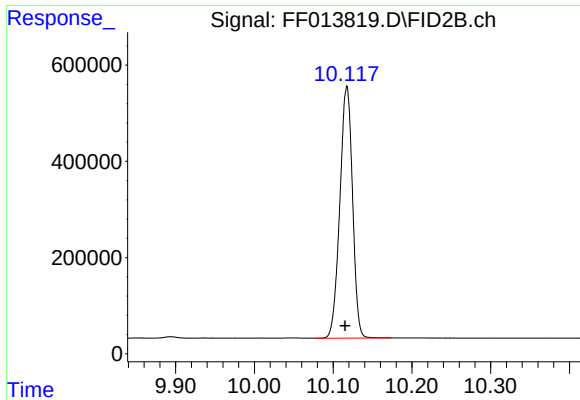
#3 N-DODECANE

R.T.: 6.684 min  
Delta R.T.: 0.001 min  
Response: 5640860  
Conc: 44.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.510 min  
Delta R.T.: 0.002 min  
Response: 5714754  
Conc: 44.39 ug/ml



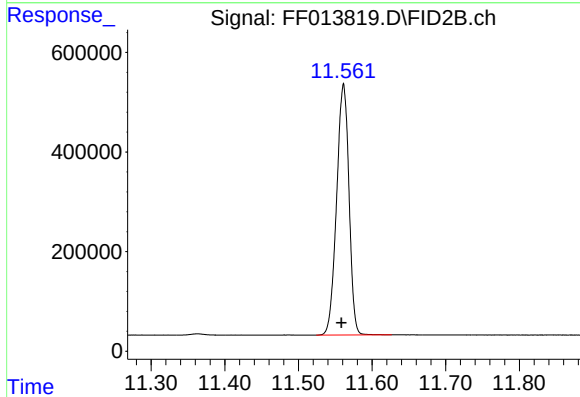
#5 N-HEXADECANE

R.T.: 10.117 min  
Delta R.T.: 0.002 min  
Response: 5850533  
Conc: 44.47 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

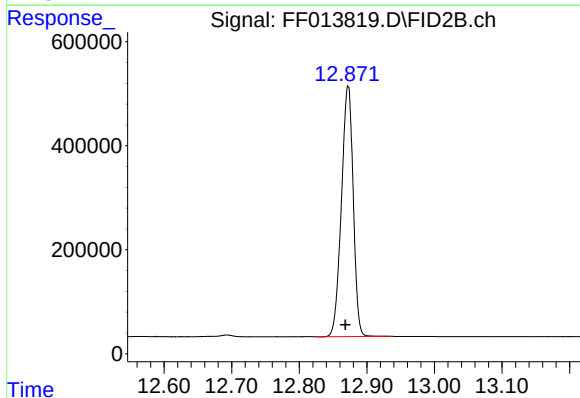
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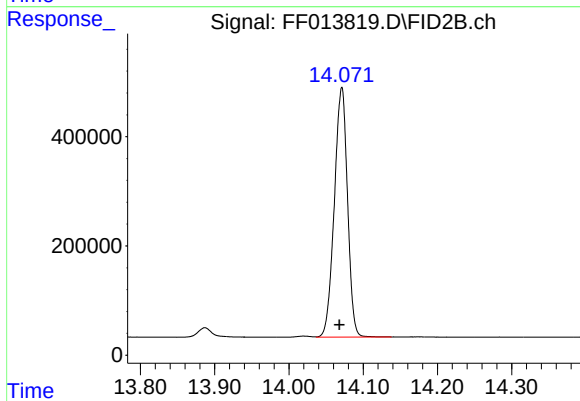
#6 N-OCTADECANE

R.T.: 11.561 min  
Delta R.T.: 0.003 min  
Response: 5877231  
Conc: 44.61 ug/ml



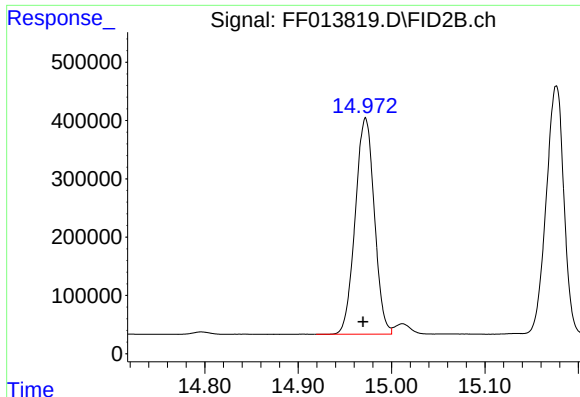
#7 N-EICOSANE

R.T.: 12.872 min  
Delta R.T.: 0.004 min  
Response: 5844558  
Conc: 44.86 ug/ml



#8 N-DOCOSANE

R.T.: 14.071 min  
Delta R.T.: 0.003 min  
Response: 5644000  
Conc: 44.92 ug/ml



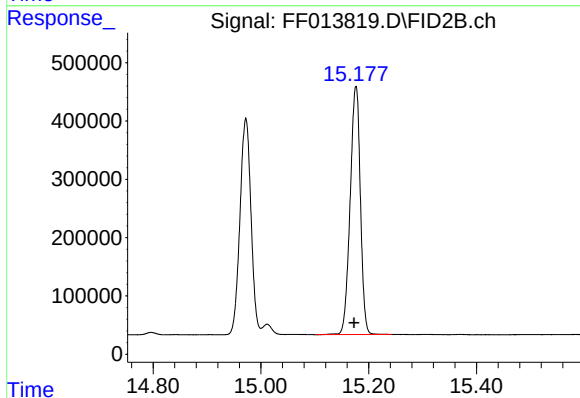
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.972 min  
Delta R.T.: 0.003 min  
Response: 5271902  
Conc: 44.61 ug/ml

Instrument :  
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ClientSampleId :  
50 PPM TRPH STD

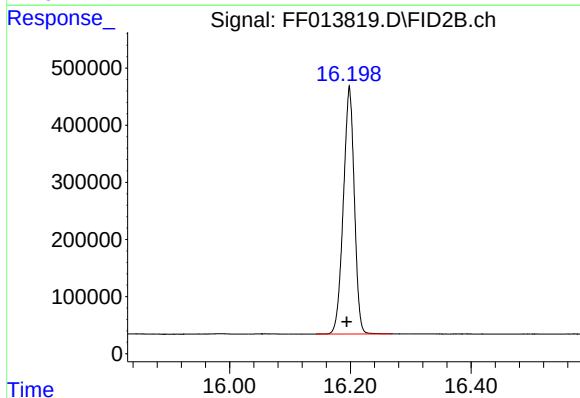
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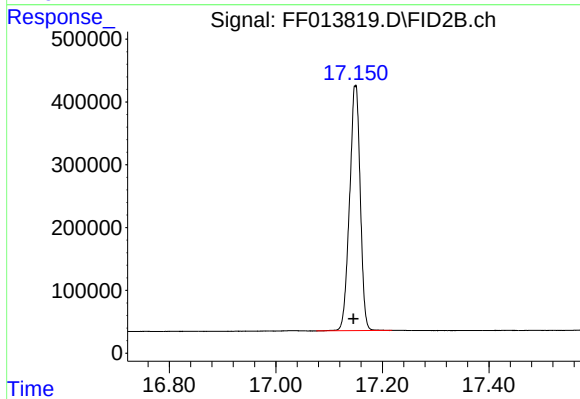
#10 N-TETRACOSANE

R.T.: 15.176 min  
Delta R.T.: 0.003 min  
Response: 5608129  
Conc: 45.10 ug/ml



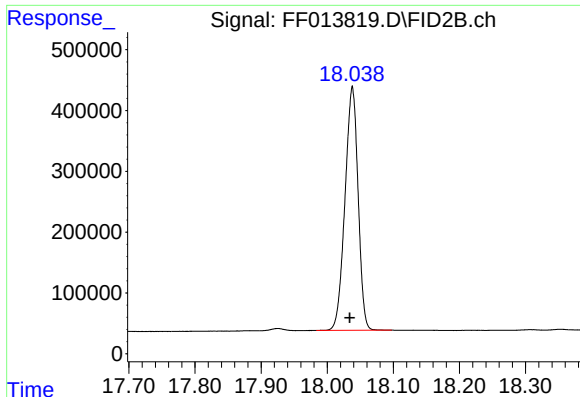
#11 N-HEXACOSANE

R.T.: 16.198 min  
Delta R.T.: 0.005 min  
Response: 5460220  
Conc: 45.14 ug/ml



#12 N-OCTACOSANE

R.T.: 17.149 min  
Delta R.T.: 0.004 min  
Response: 5427892  
Conc: 45.75 ug/ml



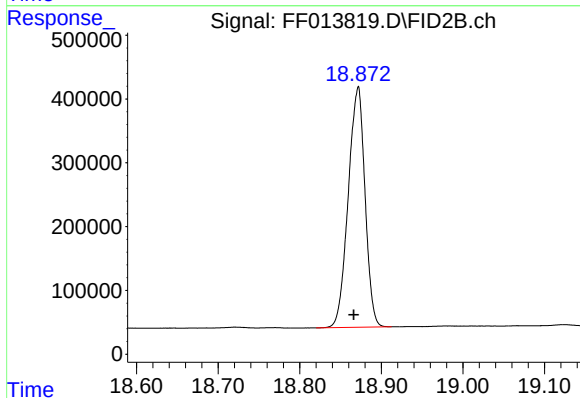
#13 N-TRIACONTANE

R.T.: 18.038 min  
Delta R.T.: 0.004 min  
Response: 5520822  
Conc: 47.04 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

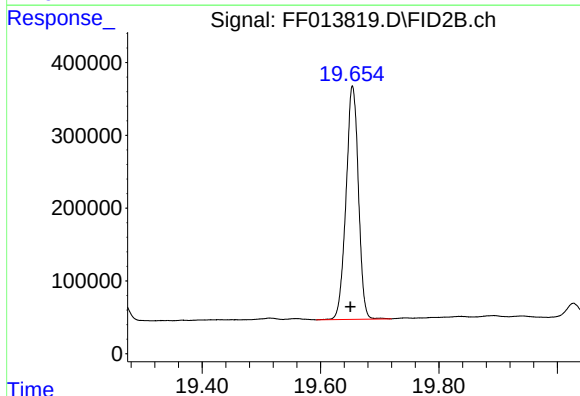
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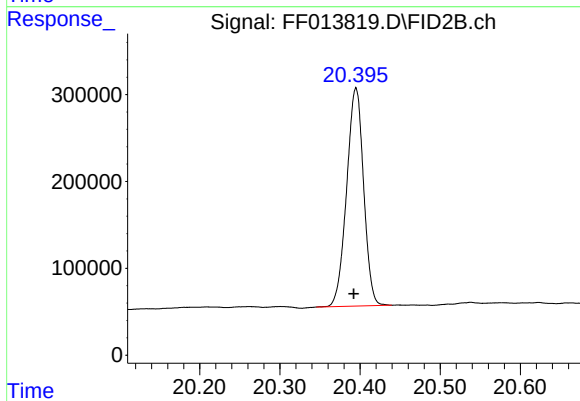
#14 N-DOTRIACONTANE

R.T.: 18.872 min  
Delta R.T.: 0.005 min  
Response: 5379197  
Conc: 47.44 ug/ml



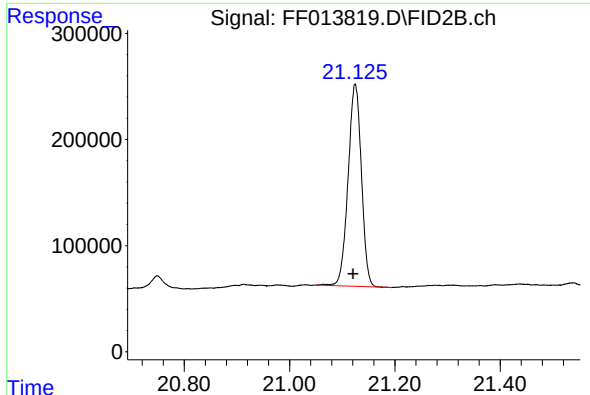
#15 N-TETRATRIACONTANE

R.T.: 19.654 min  
Delta R.T.: 0.003 min  
Response: 4659703  
Conc: 47.54 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.395 min  
Delta R.T.: 0.003 min  
Response: 3696120  
Conc: 45.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.125 min  
Delta R.T.: 0.004 min  
Response: 3345737  
Conc: 44.93 ug/ml

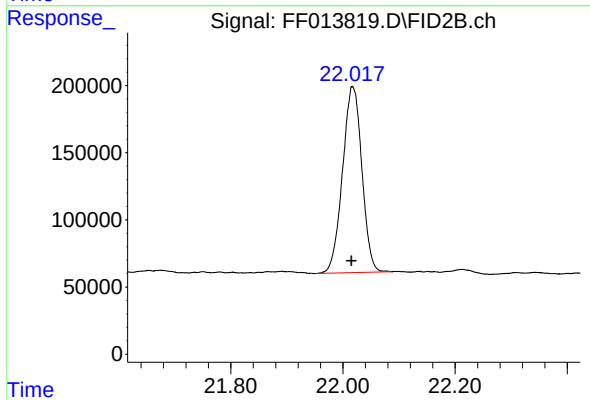
Instrument :

FID\_F

ClientSampleId :  
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 22.017 min  
Delta R.T.: 0.002 min  
Response: 3317764  
Conc: 42.49 ug/ml m