

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF083123\  
 Data File : FF013479.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Aug 2023 18:17  
 Operator : YP\AJ  
 Sample : 50 TRPH STD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023  
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e  
 Quant Time: Sep 01 02:19:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF083123.M  
 Quant Title :  
 QLast Update : Fri Sep 01 02:16:47 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... | 14.982 | 5604062  | 49.460 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.008  | 5987308  | 49.585 ug/ml  |
| 2) N-DECANE                   | 4.533  | 6260234  | 49.634 ug/ml  |
| 3) N-DODECANE                 | 6.698  | 6393652  | 49.694 ug/ml  |
| 4) N-TETRADECANE              | 8.525  | 6462611  | 49.678 ug/ml  |
| 5) N-HEXADECANE               | 10.132 | 6556176  | 49.610 ug/ml  |
| 6) N-OCTADECANE               | 11.575 | 6636198  | 49.586 ug/ml  |
| 7) N-EICOSANE                 | 12.885 | 6516710  | 49.539 ug/ml  |
| 8) N-DOCOSANE                 | 14.084 | 6373282  | 49.475 ug/ml  |
| 10) N-TETRACOSANE             | 15.187 | 6330077  | 49.478 ug/ml  |
| 11) N-HEXACOSANE              | 16.206 | 6213334  | 49.516 ug/ml  |
| 12) N-OCTACOSANE              | 17.155 | 6094559  | 49.514 ug/ml  |
| 13) N-TRIACONTANE             | 18.042 | 5864926  | 49.503 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.875 | 5376812  | 49.518 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.657 | 4829800  | 49.600 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.397 | 4696678  | 50.516 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.125 | 4147300  | 49.740 ug/mlm |
| 18) N-TETRACONTANE            | 22.021 | 4334068  | 49.609 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 50 TRPH STD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

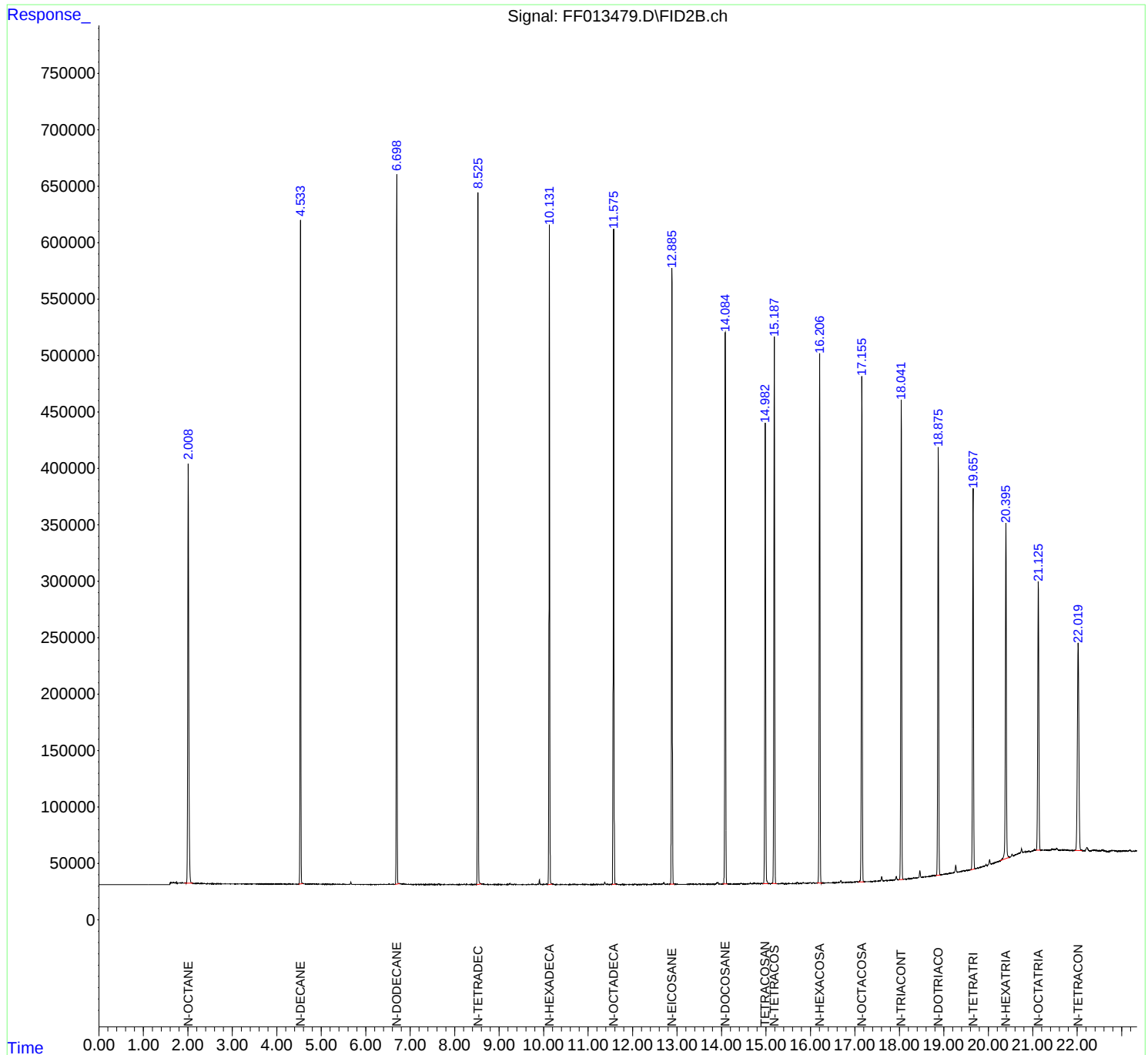
Instrument :  
FID\_F  
ClientSampleId :  
50 TRPH STD

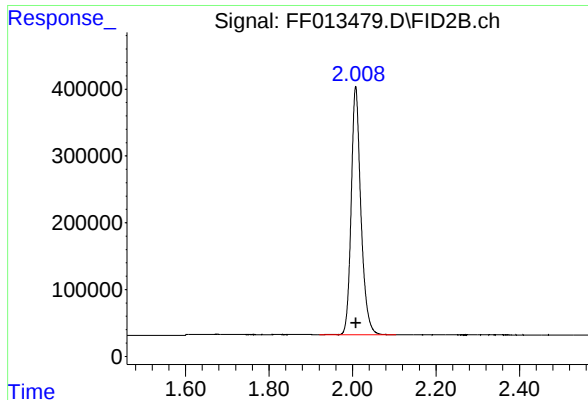
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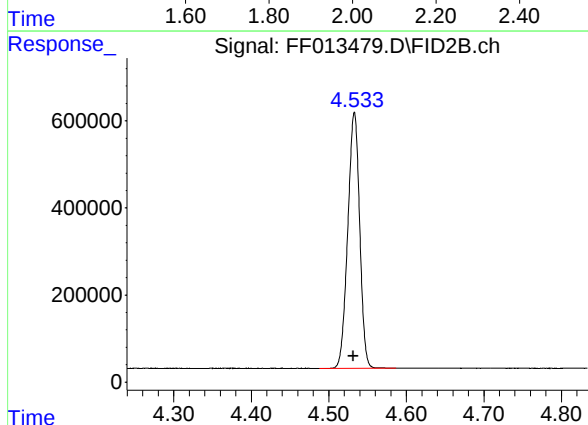
#1 N-OCTANE

R.T.: 2.008 min  
Delta R.T.: 0.000 min  
Response: 5987308  
Conc: 49.58 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 TRPH STD

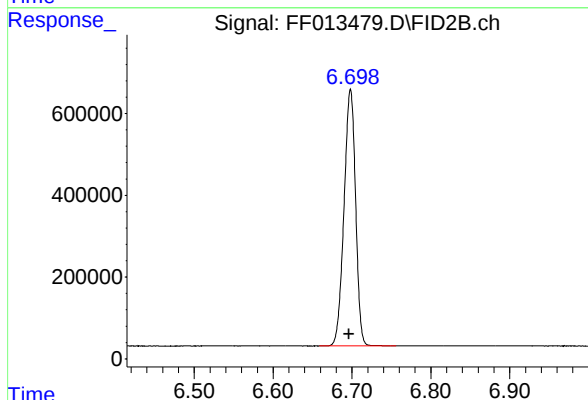
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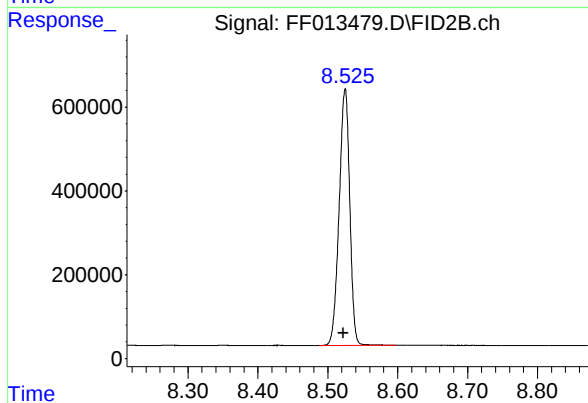
#2 N-DECANE

R.T.: 4.533 min  
Delta R.T.: 0.001 min  
Response: 6260234  
Conc: 49.63 ug/ml



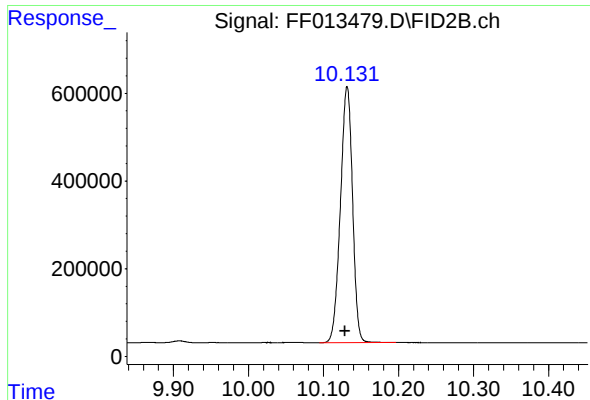
#3 N-DODECANE

R.T.: 6.698 min  
Delta R.T.: 0.002 min  
Response: 6393652  
Conc: 49.69 ug/ml



#4 N-TETRADECANE

R.T.: 8.525 min  
Delta R.T.: 0.003 min  
Response: 6462611  
Conc: 49.68 ug/ml



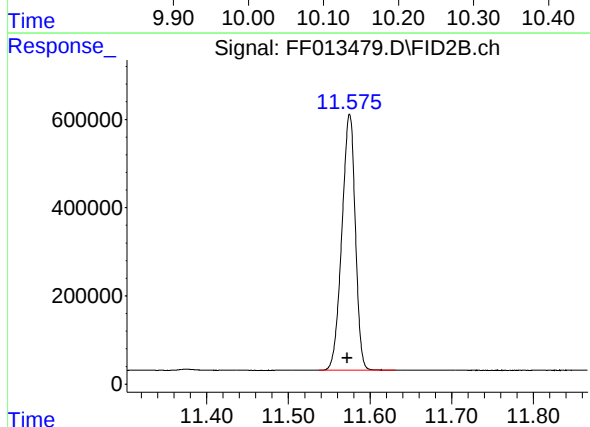
#5 N-HEXADECANE

R.T.: 10.132 min  
Delta R.T.: 0.003 min  
Response: 6556176  
Conc: 49.61 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 TRPH STD

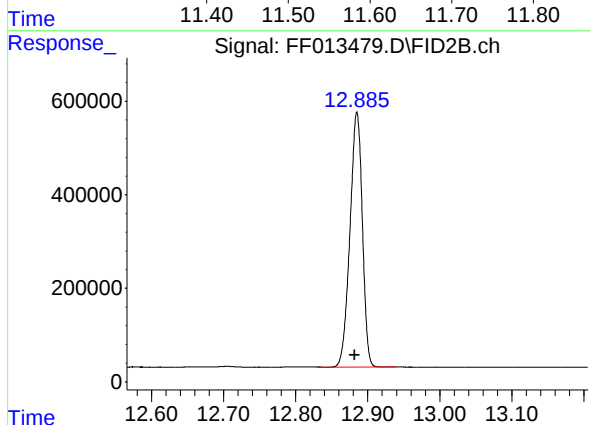
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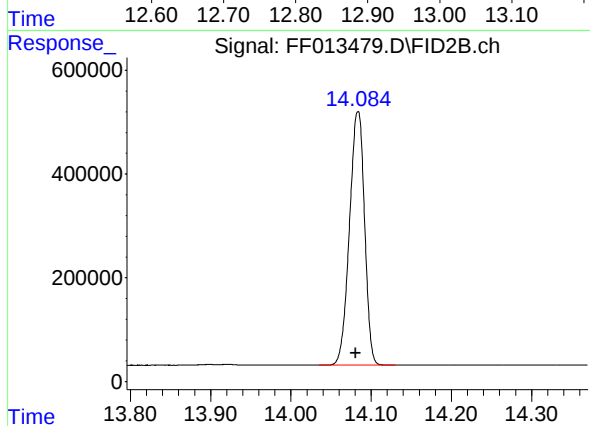
#6 N-OCTADECANE

R.T.: 11.575 min  
Delta R.T.: 0.003 min  
Response: 6636198  
Conc: 49.59 ug/ml



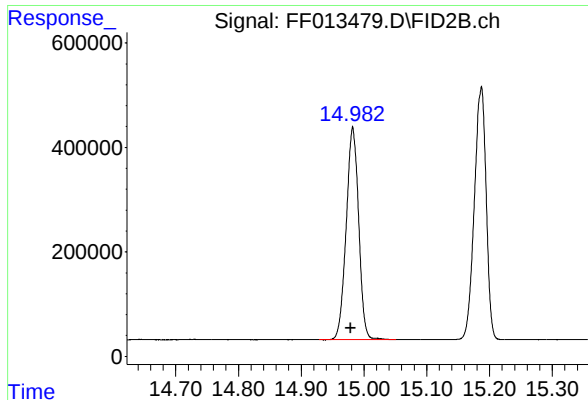
#7 N-EICOSANE

R.T.: 12.885 min  
Delta R.T.: 0.003 min  
Response: 6516710  
Conc: 49.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.084 min  
Delta R.T.: 0.003 min  
Response: 6373282  
Conc: 49.48 ug/ml



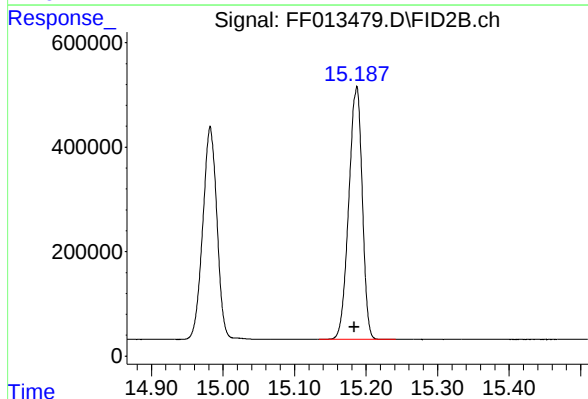
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.982 min  
Delta R.T.: 0.003 min  
Response: 5604062  
Conc: 49.46 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 TRPH STD

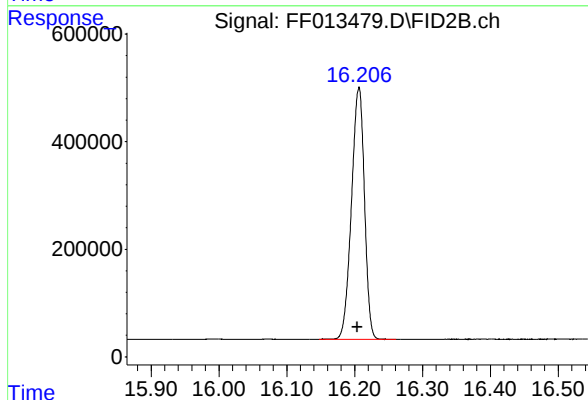
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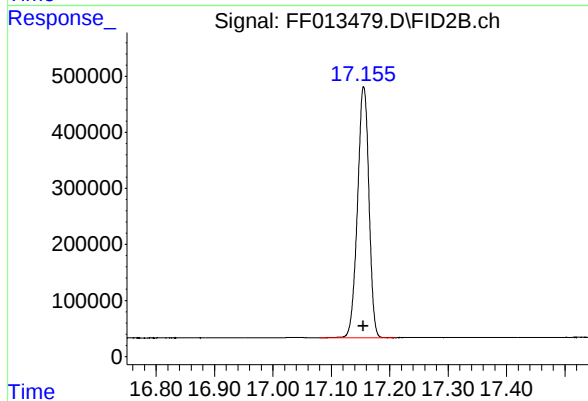
#10 N-TETRACOSANE

R.T.: 15.187 min  
Delta R.T.: 0.003 min  
Response: 6330077  
Conc: 49.48 ug/ml



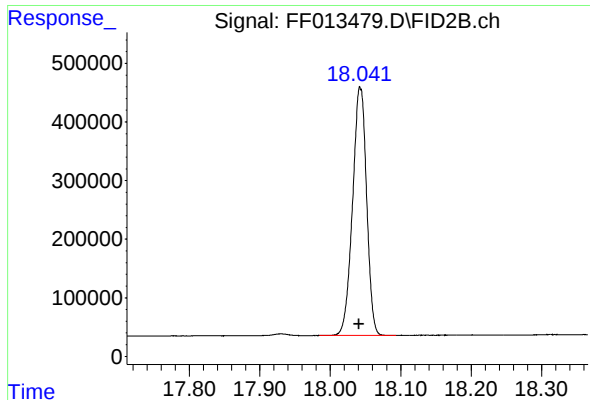
#11 N-HEXACOSANE

R.T.: 16.206 min  
Delta R.T.: 0.003 min  
Response: 6213334  
Conc: 49.52 ug/ml



#12 N-OCTACOSANE

R.T.: 17.155 min  
Delta R.T.: 0.000 min  
Response: 6094559  
Conc: 49.51 ug/ml



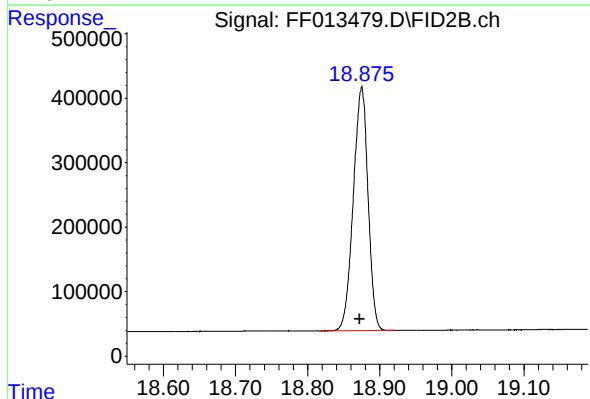
#13 N-TRIACONTANE

R.T.: 18.042 min  
Delta R.T.: 0.002 min  
Response: 5864926  
Conc: 49.50 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 TRPH STD

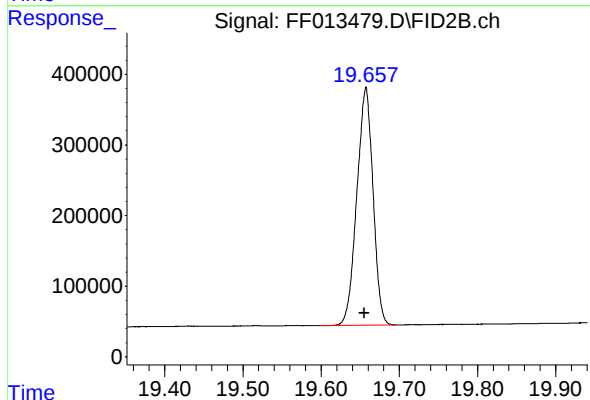
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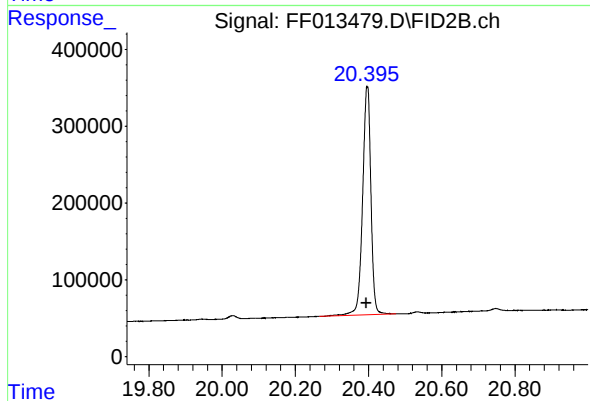
#14 N-DOTRIACONTANE

R.T.: 18.875 min  
Delta R.T.: 0.003 min  
Response: 5376812  
Conc: 49.52 ug/ml



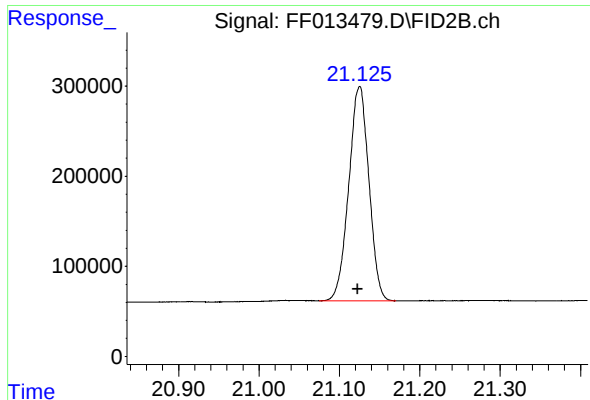
#15 N-TETRATRIACONTANE

R.T.: 19.657 min  
Delta R.T.: 0.002 min  
Response: 4829800  
Conc: 49.60 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min  
Delta R.T.: 0.002 min  
Response: 4696678  
Conc: 50.52 ug/ml



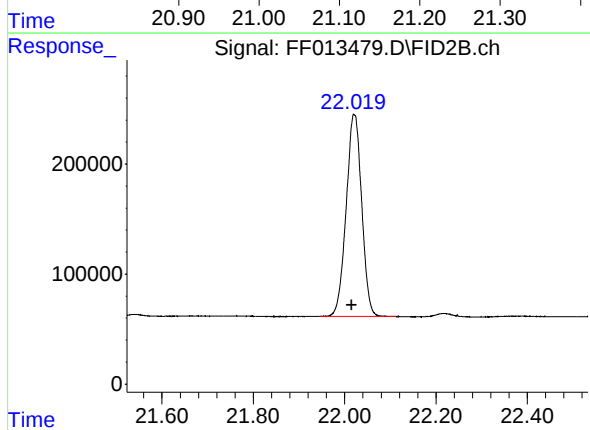
#17 N-OCTATRIACONTANE

R.T.: 21.125 min  
Delta R.T.: 0.002 min  
Response: 4147300  
Conc: 49.74 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 TRPH STD

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#18 N-TETRACONTANE

R.T.: 22.021 min  
Delta R.T.: 0.005 min  
Response: 4334068  
Conc: 49.61 ug/ml