

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF041124\  
 Data File : FF014104.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Apr 2024 12:44  
 Operator : YP\AJ  
 Sample : 5 TRPH STD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 5 TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/11/2024  
 Supervised By :Ankita Jodhani 04/12/2024

Integration File: autoint1.e  
 Quant Time: Apr 11 12:57:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF041124.M  
 Quant Title :  
 QLast Update : Thu Apr 11 12:57:44 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... | 14.944 | 528606   | 4.844 ug/ml  |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.984  | 533226   | 4.758 ug/ml  |
| 2) N-DECANE                   | 4.497  | 459362   | 4.291 ug/ml  |
| 3) N-DODECANE                 | 6.660  | 451067   | 4.189 ug/mlm |
| 4) N-TETRADECANE              | 8.487  | 468767   | 4.272 ug/mlm |
| 5) N-HEXADECANE               | 10.093 | 524005   | 4.602 ug/mlm |
| 6) N-OCTADECANE               | 11.536 | 537087   | 4.500 ug/ml  |
| 7) N-EICOSANE                 | 12.844 | 618144   | 4.874 ug/ml  |
| 8) N-DOCOSANE                 | 14.043 | 598418   | 4.860 ug/ml  |
| 10) N-TETRACOSANE             | 15.147 | 593711   | 4.841 ug/ml  |
| 11) N-HEXACOSANE              | 16.170 | 578987   | 4.771 ug/ml  |
| 12) N-OCTACOSANE              | 17.121 | 573078   | 4.790 ug/ml  |
| 13) N-TRIACONTANE             | 18.009 | 591495   | 4.870 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.840 | 613137   | 5.037 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.624 | 545465   | 4.937 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.366 | 477586   | 4.785 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.096 | 425092   | 4.730 ug/ml  |
| 18) N-TETRACONTANE            | 21.986 | 366635   | 4.445 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 11 Apr 2024 12:44  
Operator : YP\AJ  
Sample : 5 TRPH STD  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

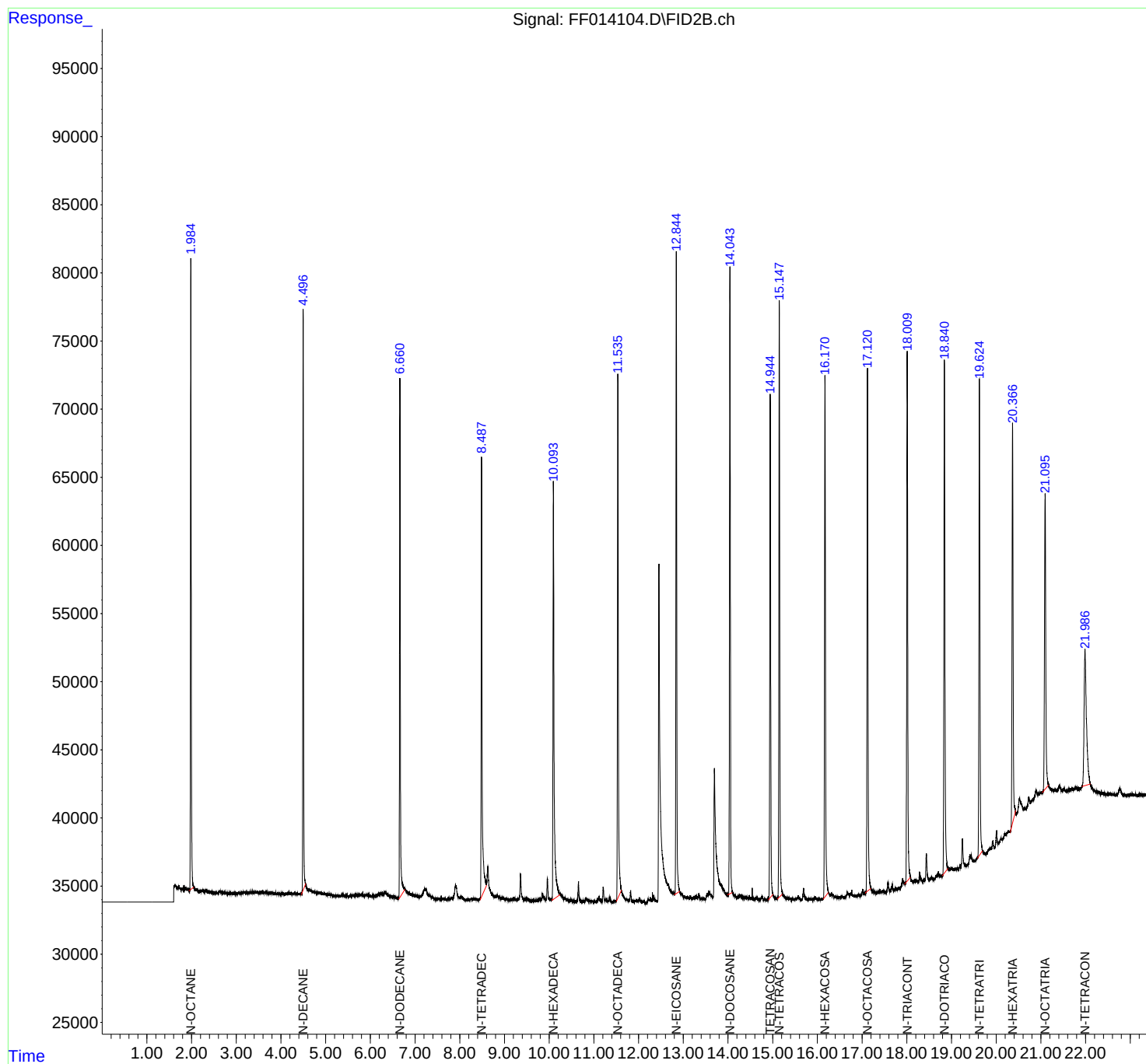
Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

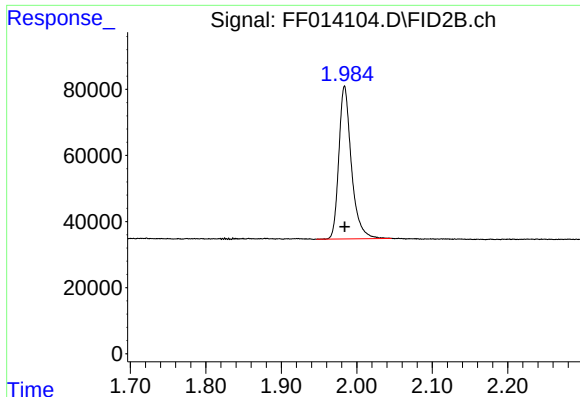
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Signal Info : 20mx0.18mmx0.18um





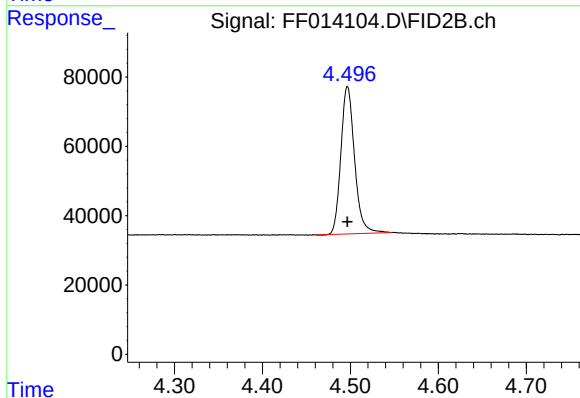
#1 N-OCTANE

R.T.: 1.984 min  
Delta R.T.: 0.000 min  
Response: 533226  
Conc: 4.76 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

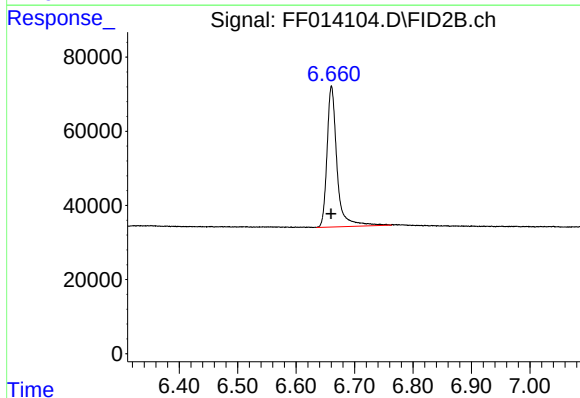
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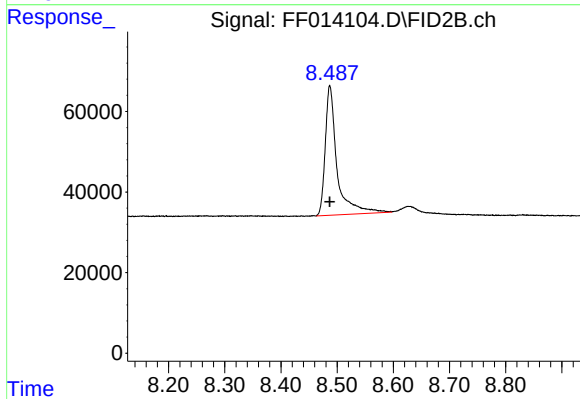
#2 N-DECANE

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 459362  
Conc: 4.29 ug/ml



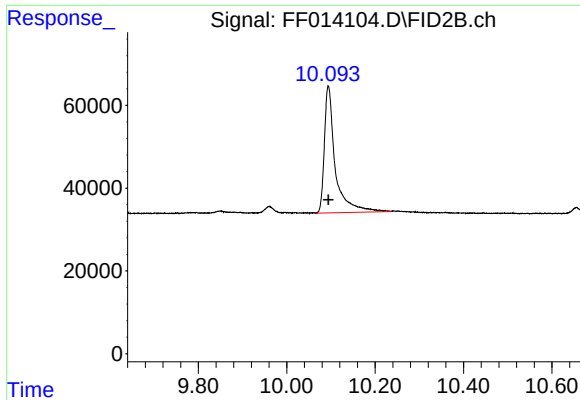
#3 N-DODECANE

R.T.: 6.660 min  
Delta R.T.: 0.000 min  
Response: 451067  
Conc: 4.19 ug/ml m



#4 N-TETRADECANE

R.T.: 8.487 min  
Delta R.T.: 0.000 min  
Response: 468767  
Conc: 4.27 ug/ml m



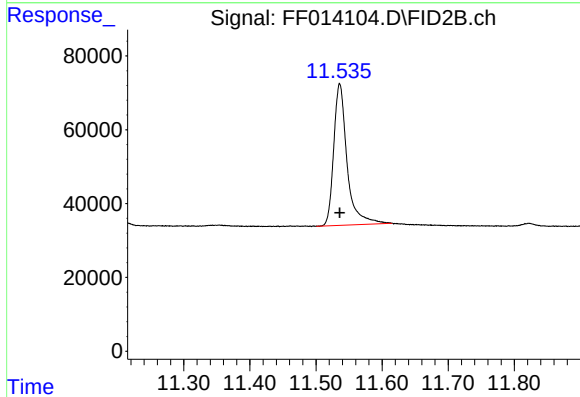
#5 N-HEXADECANE

R.T.: 10.093 min  
Delta R.T.: 0.000 min  
Response: 524005  
Conc: 4.60 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

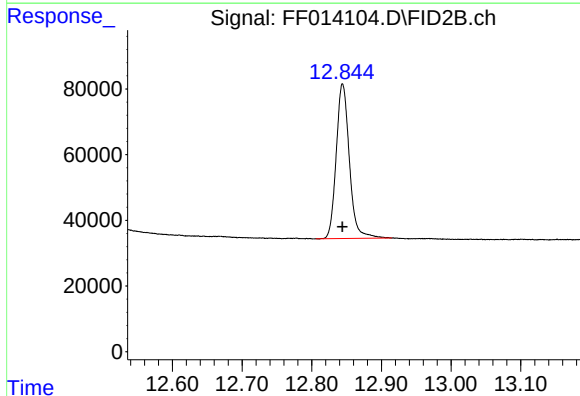
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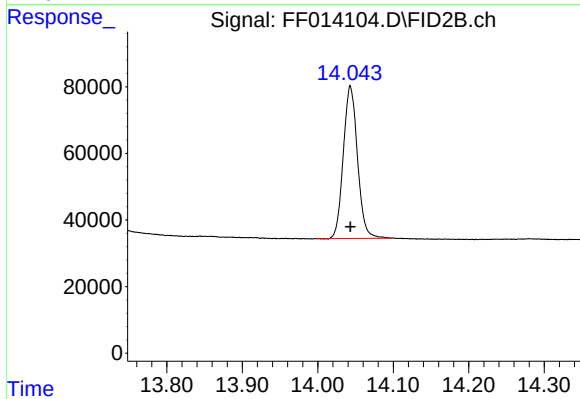
#6 N-OCTADECANE

R.T.: 11.536 min  
Delta R.T.: 0.000 min  
Response: 537087  
Conc: 4.50 ug/ml



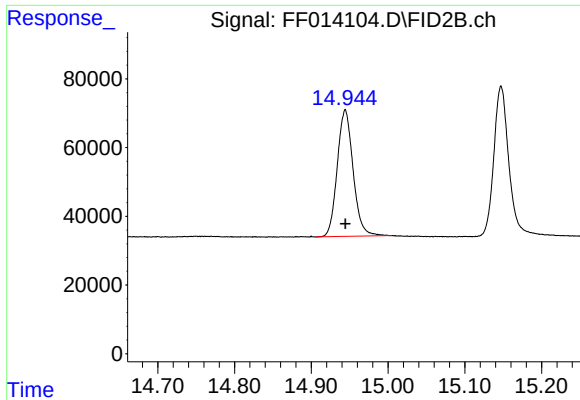
#7 N-EICOSANE

R.T.: 12.844 min  
Delta R.T.: 0.000 min  
Response: 618144  
Conc: 4.87 ug/ml



#8 N-DOCOSANE

R.T.: 14.043 min  
Delta R.T.: 0.000 min  
Response: 598418  
Conc: 4.86 ug/ml



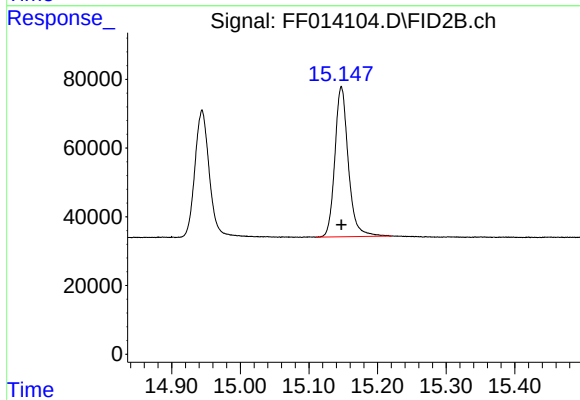
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.944 min  
Delta R.T.: 0.000 min  
Response: 528606  
Conc: 4.84 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

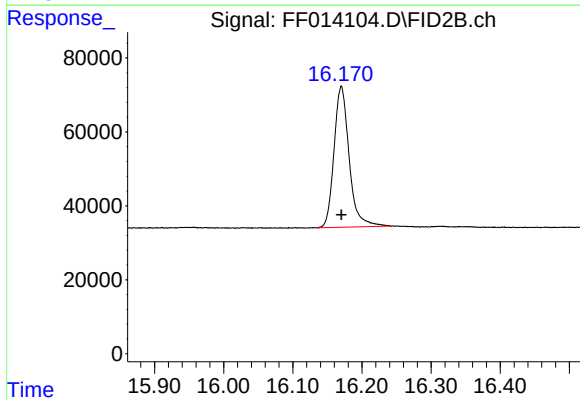
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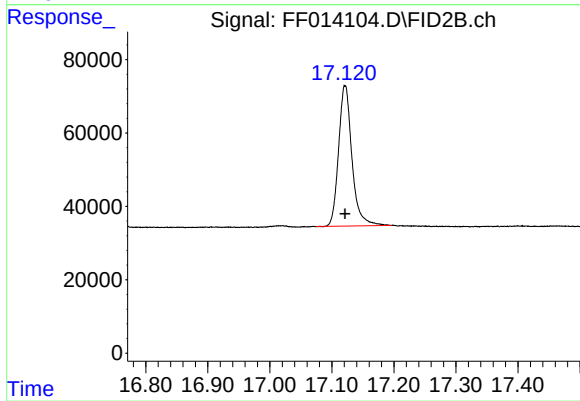
#10 N-TETRACOSANE

R.T.: 15.147 min  
Delta R.T.: 0.000 min  
Response: 593711  
Conc: 4.84 ug/ml



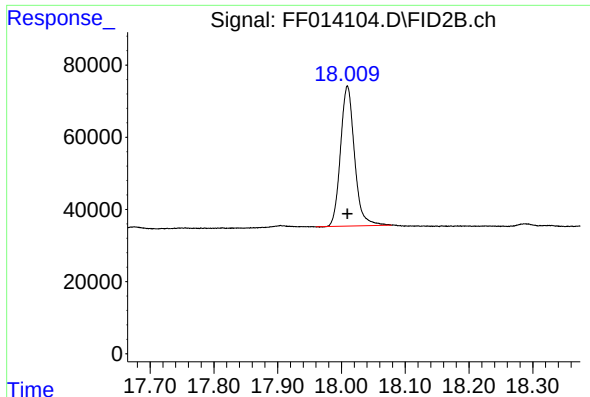
#11 N-HEXACOSANE

R.T.: 16.170 min  
Delta R.T.: 0.000 min  
Response: 578987  
Conc: 4.77 ug/ml



#12 N-OCTACOSANE

R.T.: 17.121 min  
Delta R.T.: 0.000 min  
Response: 573078  
Conc: 4.79 ug/ml



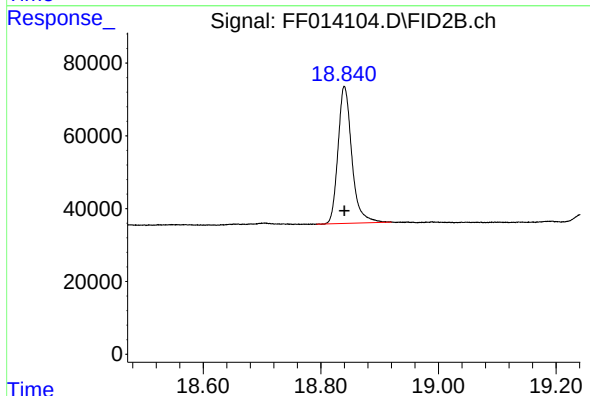
#13 N-TRIACONTANE

R.T.: 18.009 min  
Delta R.T.: 0.000 min  
Response: 591495  
Conc: 4.87 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

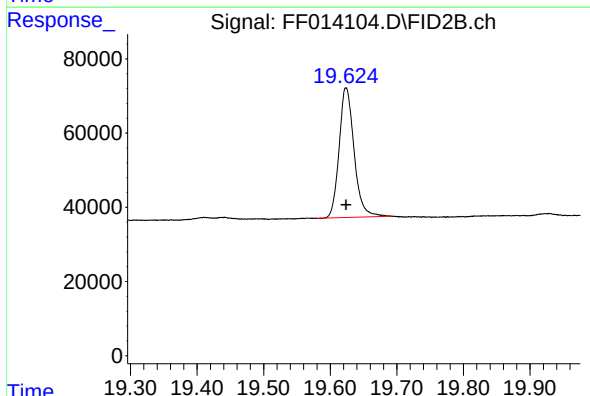
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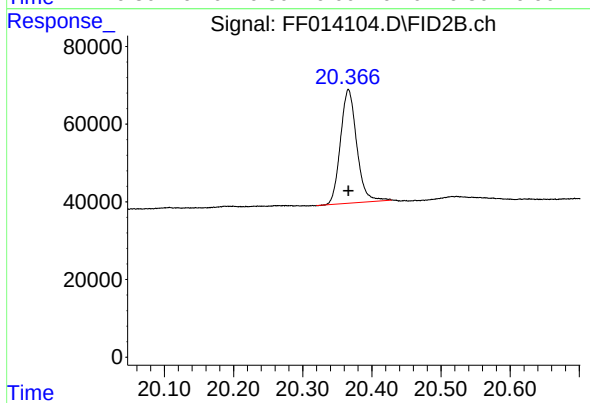
#14 N-DOTRIACONTANE

R.T.: 18.840 min  
Delta R.T.: 0.000 min  
Response: 613137  
Conc: 5.04 ug/ml



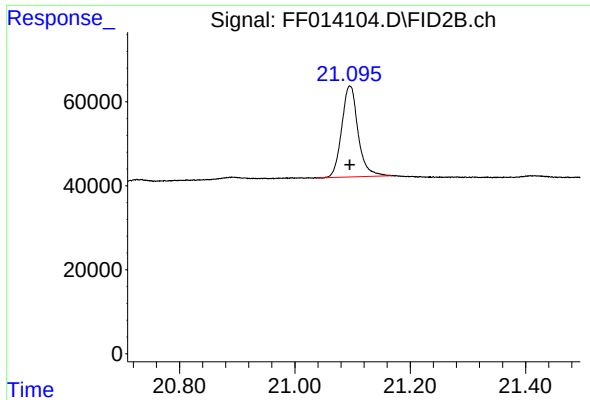
#15 N-TETRATRIACONTANE

R.T.: 19.624 min  
Delta R.T.: 0.000 min  
Response: 545465  
Conc: 4.94 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.366 min  
Delta R.T.: 0.000 min  
Response: 477586  
Conc: 4.78 ug/ml



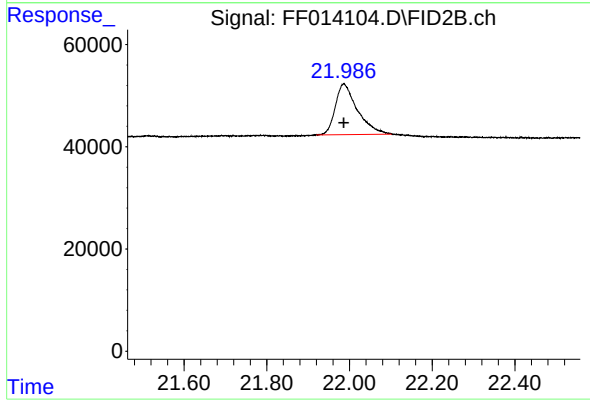
#17 N-OCTATRIACONTANE

R.T.: 21.096 min  
Delta R.T.: 0.000 min  
Response: 425092  
Conc: 4.73 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.986 min  
Delta R.T.: 0.000 min  
Response: 366635  
Conc: 4.44 ug/ml