

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012122\  
 Data File : FF009738.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Jan 2022 09:47  
 Operator : AJ\MA  
 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 01/25/2022  
 Supervised By :Ankita Jodhani 01/25/2022

Integration File: Sample.e  
 Quant Time: Jan 21 22:55:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011722.M  
 Quant Title :  
 QLast Update : Tue Jan 18 02:53:40 2022  
 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... | 14.449 | 6635833  | 50.780 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.172  | 7419288  | 53.669 ug/ml  |
| 2) N-DECANE                   | 4.237  | 7789797  | 55.079 ug/ml  |
| 3) N-DODECANE                 | 6.244  | 7846559  | 54.833 ug/ml  |
| 4) N-TETRADECANE              | 8.029  | 7934563  | 53.996 ug/ml  |
| 5) N-HEXADECANE               | 9.622  | 7955080  | 53.178 ug/ml  |
| 6) N-OCTADECANE               | 11.057 | 8128913  | 52.728 ug/ml  |
| 7) N-EICOSANE                 | 12.360 | 7846856  | 51.910 ug/ml  |
| 8) N-DOCOSANE                 | 13.553 | 7677429  | 51.624 ug/ml  |
| 10) N-TETRACOSANE             | 14.651 | 7459896  | 50.303 ug/ml  |
| 11) N-HEXACOSANE              | 15.669 | 7186169  | 49.150 ug/ml  |
| 12) N-OCTACOSANE              | 16.614 | 6883829  | 47.421 ug/ml  |
| 13) N-TRIACONTANE             | 17.497 | 6649096  | 46.470 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.326 | 6329472  | 46.512 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.107 | 5957091  | 50.155 ug/ml  |
| 16) N-HEXATRIACONTANE         | 19.844 | 5445452  | 52.816 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.548 | 4704389  | 52.756 ug/ml  |
| 18) N-TETRACONTANE            | 21.368 | 4613784  | 50.792 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 53 Sample Multiplier: 1

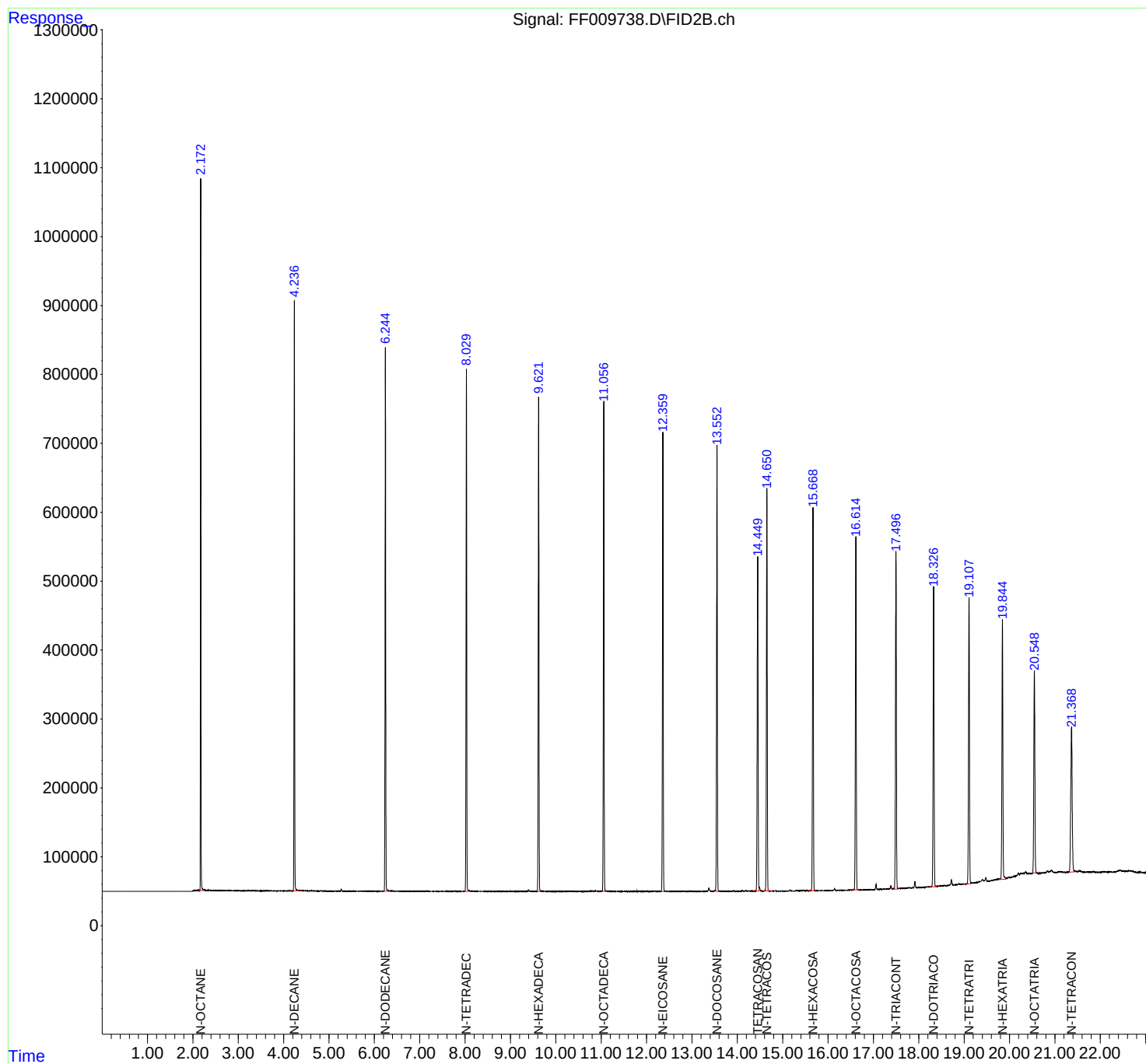
Instrument :  
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50 PPM TRPH STD

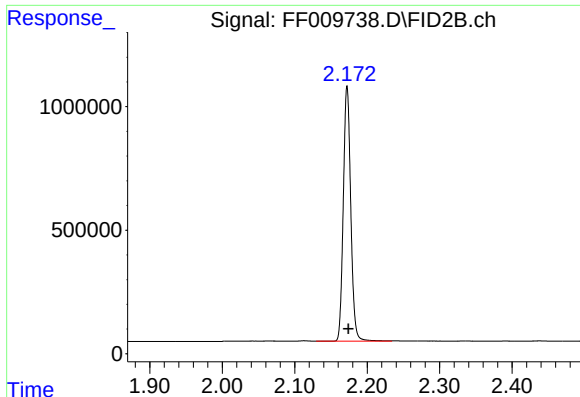
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.172 min  
Delta R.T.: -0.002 min  
Response: 7419288  
Conc: 53.67 ug/ml

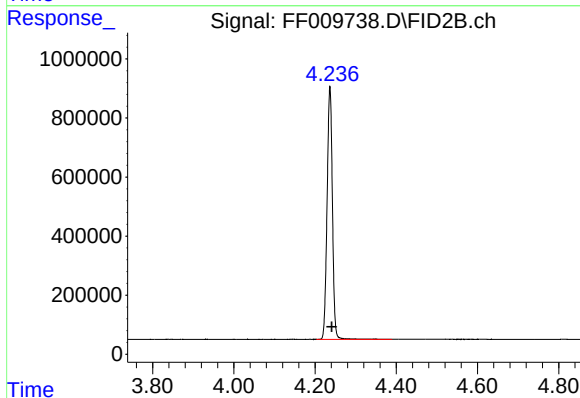
Instrument :

FID\_F

ClientSampleId :  
50 PPM TRPH STD

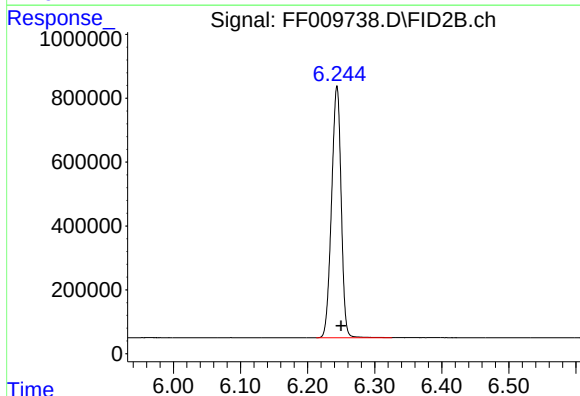
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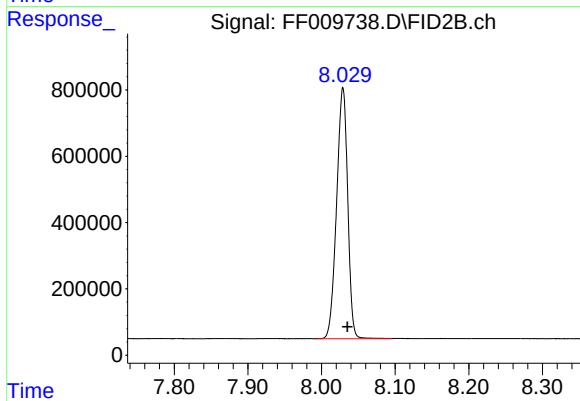
#2 N-DECANE

R.T.: 4.237 min  
Delta R.T.: -0.004 min  
Response: 7789797  
Conc: 55.08 ug/ml



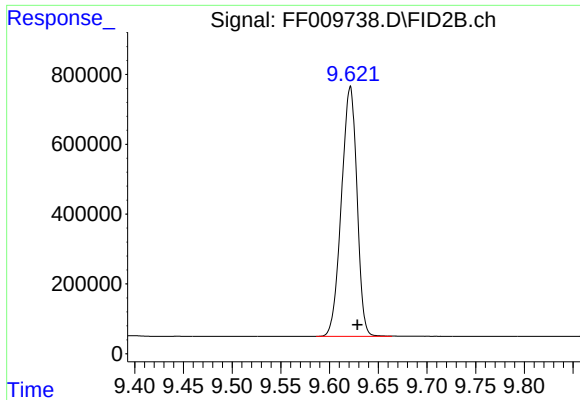
#3 N-DODECANE

R.T.: 6.244 min  
Delta R.T.: -0.006 min  
Response: 7846559  
Conc: 54.83 ug/ml



#4 N-TETRADECANE

R.T.: 8.029 min  
Delta R.T.: -0.006 min  
Response: 7934563  
Conc: 54.00 ug/ml



#5 N-HEXADECANE

R.T.: 9.622 min  
Delta R.T.: -0.007 min  
Response: 7955080  
Conc: 53.18 ug/ml

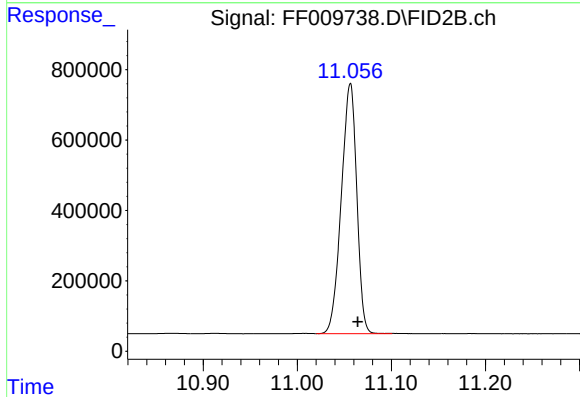
Instrument :

FID\_F

ClientSampleId :  
50 PPM TRPH STD

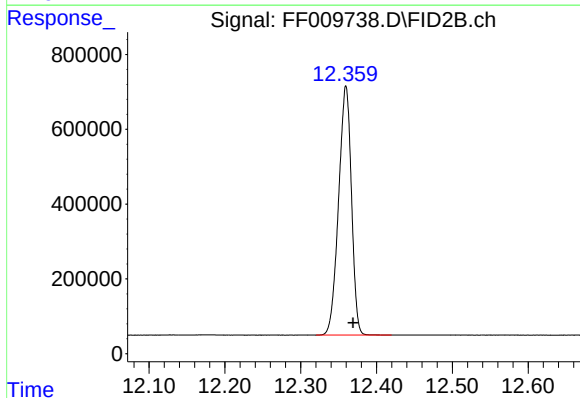
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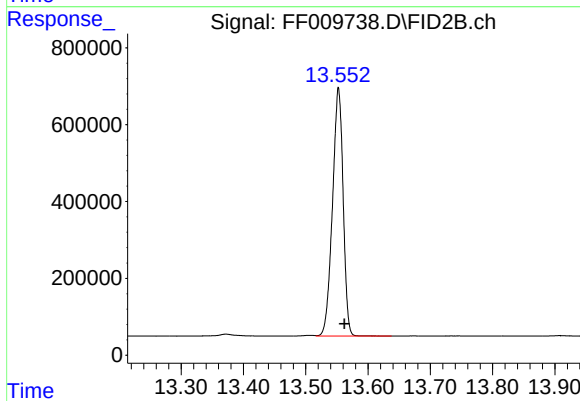
#6 N-OCTADECANE

R.T.: 11.057 min  
Delta R.T.: -0.008 min  
Response: 8128913  
Conc: 52.73 ug/ml



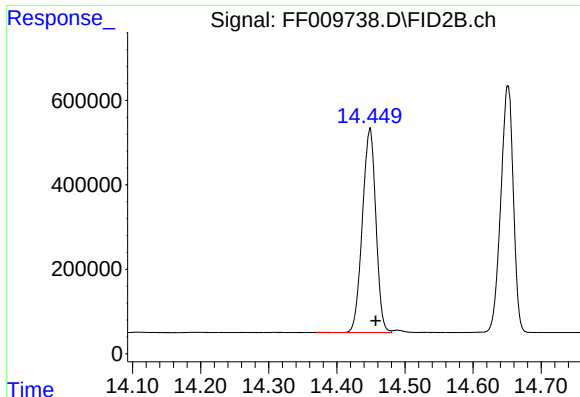
#7 N-EICOSANE

R.T.: 12.360 min  
Delta R.T.: -0.009 min  
Response: 7846856  
Conc: 51.91 ug/ml



#8 N-DOCOSANE

R.T.: 13.553 min  
Delta R.T.: -0.009 min  
Response: 7677429  
Conc: 51.62 ug/ml



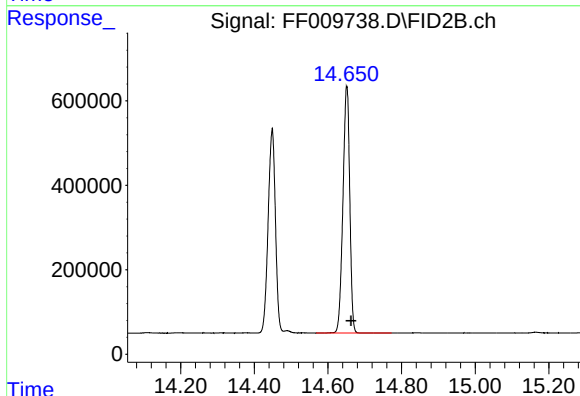
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.449 min  
Delta R.T.: -0.008 min  
Response: 6635833  
Conc: 50.78 ug/ml

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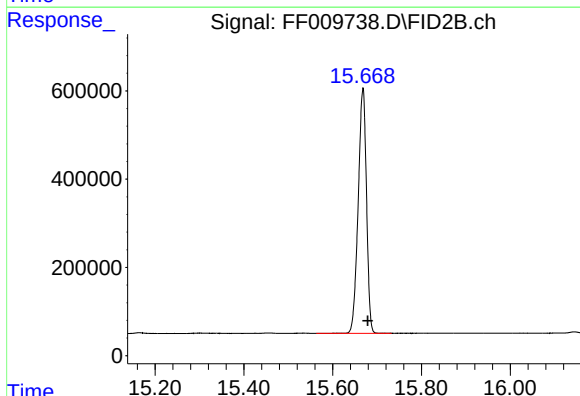
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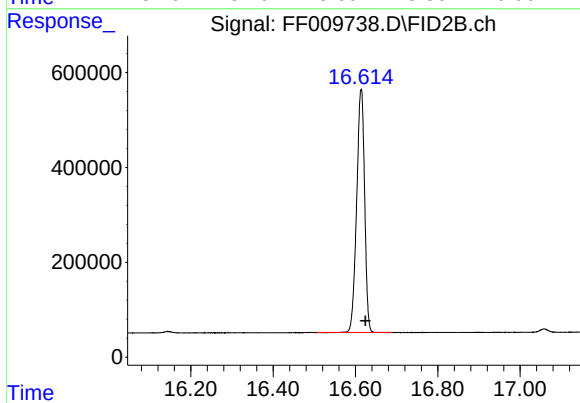
#10 N-TETRACOSANE

R.T.: 14.651 min  
Delta R.T.: -0.012 min  
Response: 7459896  
Conc: 50.30 ug/ml



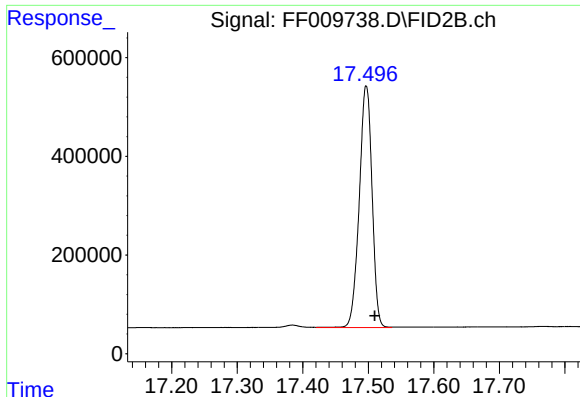
#11 N-HEXACOSANE

R.T.: 15.669 min  
Delta R.T.: -0.011 min  
Response: 7186169  
Conc: 49.15 ug/ml



#12 N-OCTACOSANE

R.T.: 16.614 min  
Delta R.T.: -0.010 min  
Response: 6883829  
Conc: 47.42 ug/ml



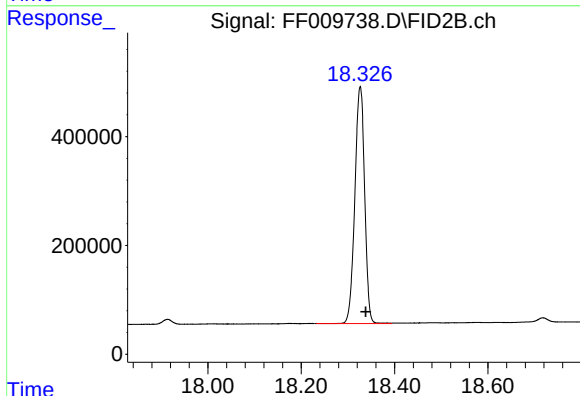
#13 N-TRIACONTANE

R.T.: 17.497 min  
Delta R.T.: -0.013 min  
Response: 6649096  
Conc: 46.47 ug/ml

Instrument :  
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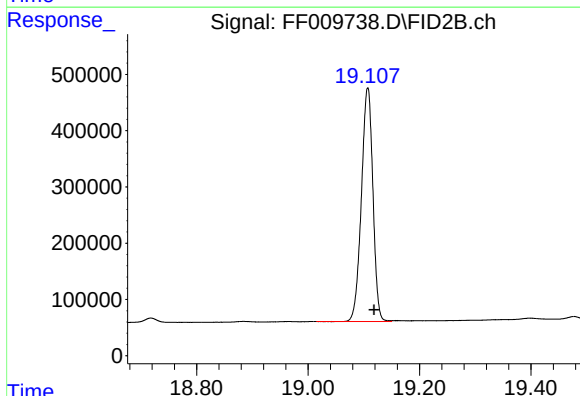
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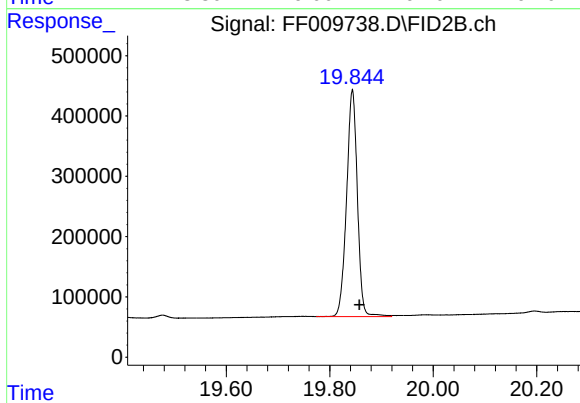
#14 N-DOTRIACONTANE

R.T.: 18.326 min  
Delta R.T.: -0.012 min  
Response: 6329472  
Conc: 46.51 ug/ml



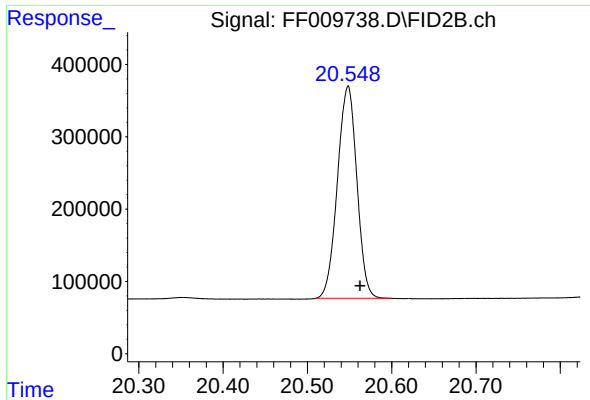
#15 N-TETRATRIACONTANE

R.T.: 19.107 min  
Delta R.T.: -0.011 min  
Response: 5957091  
Conc: 50.15 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.844 min  
Delta R.T.: -0.013 min  
Response: 5445452  
Conc: 52.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.548 min  
Delta R.T.: -0.014 min  
Response: 4704389  
Conc: 52.76 ug/ml

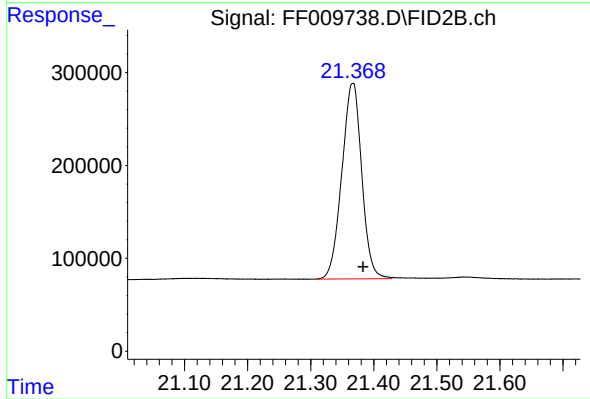
Instrument :

FID\_F

ClientSampleId :  
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#18 N-TETRACONTANE

R.T.: 21.368 min  
Delta R.T.: -0.015 min  
Response: 4613784  
Conc: 50.79 ug/ml m