

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF020122\  
 Data File : FF009829.D  
 Signal(s) : FID2B.ch  
 Acq On : 01 Feb 2022 17:49  
 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 02/02/2022  
 Supervised By :Ankita Jodhani 02/02/2022

Integration File: calibration.e  
 Quant Time: Feb 02 02:02:17 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... | 14.441 | 5230305  | 40.024 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.161  | 6370904  | 46.085 ug/ml  |
| 2) N-DECANE                   | 4.226  | 6508366  | 46.018 ug/ml  |
| 3) N-DODECANE                 | 6.233  | 6513315  | 45.516 ug/ml  |
| 4) N-TETRADECANE              | 8.019  | 6499340  | 44.229 ug/ml  |
| 5) N-HEXADECANE               | 9.612  | 6429550  | 42.980 ug/ml  |
| 6) N-OCTADECANE               | 11.047 | 6476637  | 42.010 ug/ml  |
| 7) N-EICOSANE                 | 12.351 | 6133009  | 40.573 ug/ml  |
| 8) N-DOCOSANE                 | 13.544 | 5947620  | 39.993 ug/ml  |
| 10) N-TETRACOSANE             | 14.643 | 5852546  | 39.464 ug/ml  |
| 11) N-HEXACOSANE              | 15.660 | 5663024  | 38.733 ug/ml  |
| 12) N-OCTACOSANE              | 16.606 | 5586258  | 38.482 ug/ml  |
| 13) N-TRIACONTANE             | 17.490 | 5450416  | 38.092 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.319 | 5457610  | 40.106 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.100 | 5367310  | 45.189 ug/mlm |
| 16) N-HEXATRIACONTANE         | 19.836 | 4972014  | 48.224 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.540 | 4408844  | 49.442 ug/mlm |
| 18) N-TETRACONTANE            | 21.359 | 4496228  | 49.497 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 53 Sample Multiplier: 1

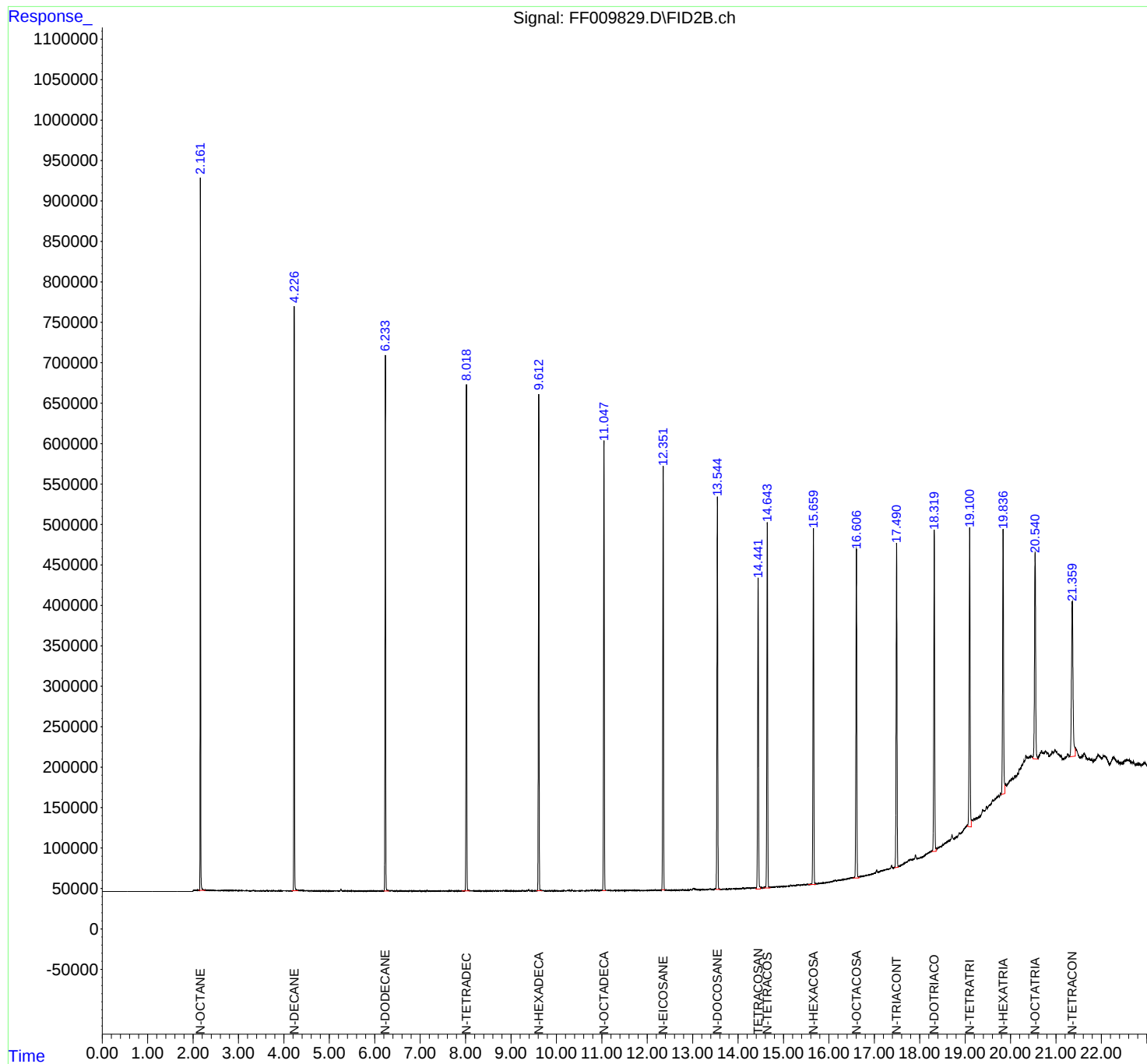
Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

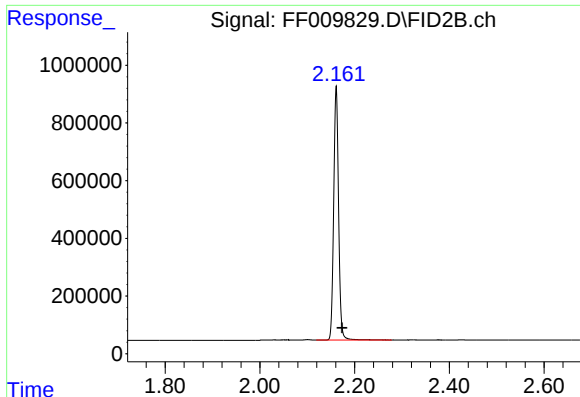
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





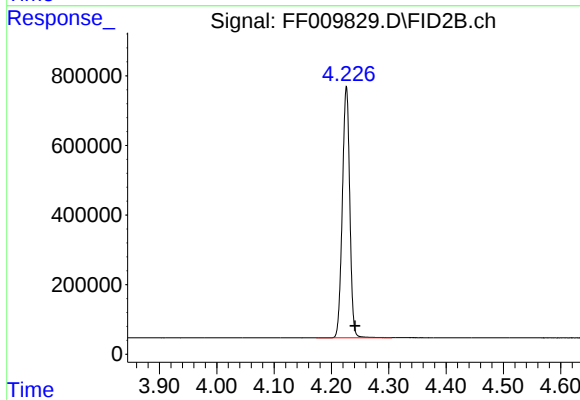
#1 N-OCTANE

R.T.: 2.161 min  
Delta R.T.: -0.013 min  
Response: 6370904  
Conc: 46.09 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

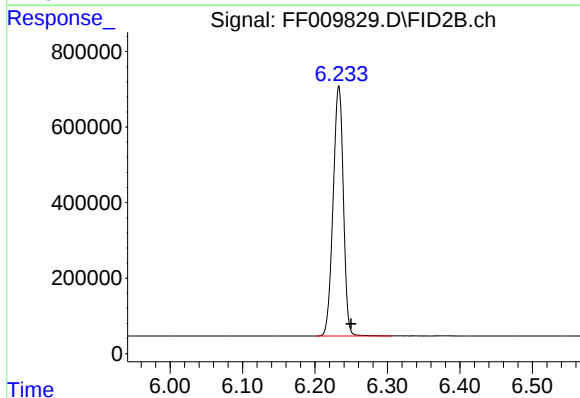
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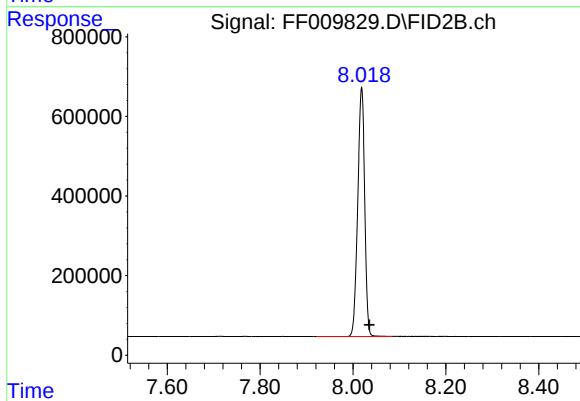
#2 N-DECANE

R.T.: 4.226 min  
Delta R.T.: -0.015 min  
Response: 6508366  
Conc: 46.02 ug/ml



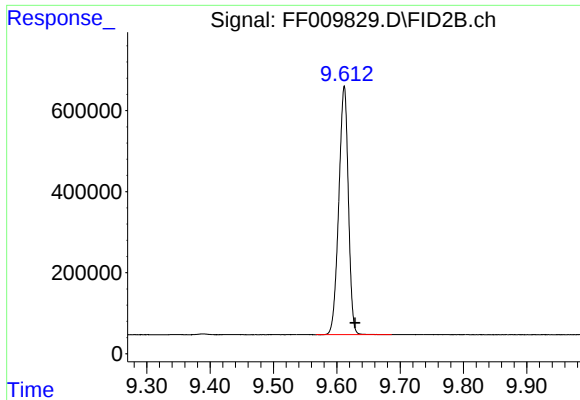
#3 N-DODECANE

R.T.: 6.233 min  
Delta R.T.: -0.017 min  
Response: 6513315  
Conc: 45.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.019 min  
Delta R.T.: -0.017 min  
Response: 6499340  
Conc: 44.23 ug/ml



#5 N-HEXADECANE

R.T.: 9.612 min  
Delta R.T.: -0.017 min  
Response: 6429550  
Conc: 42.98 ug/ml

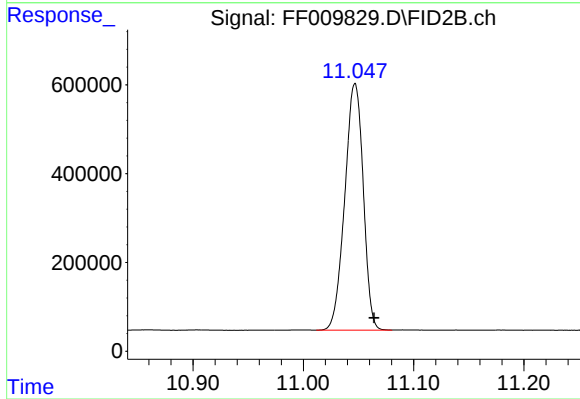
Instrument :

FID\_F

ClientSampleId :  
50 PPM TRPH STD

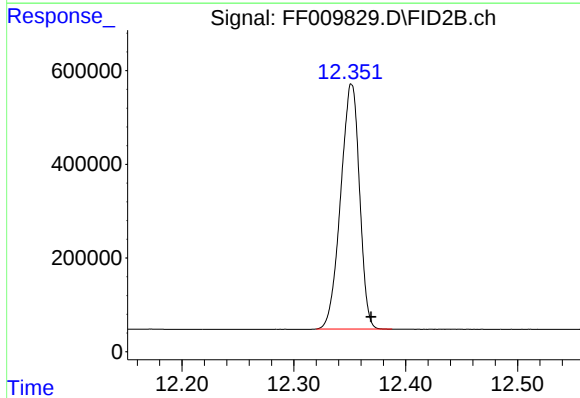
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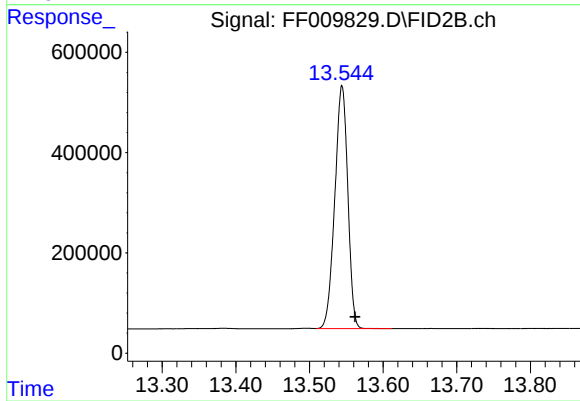
#6 N-OCTADECANE

R.T.: 11.047 min  
Delta R.T.: -0.017 min  
Response: 6476637  
Conc: 42.01 ug/ml



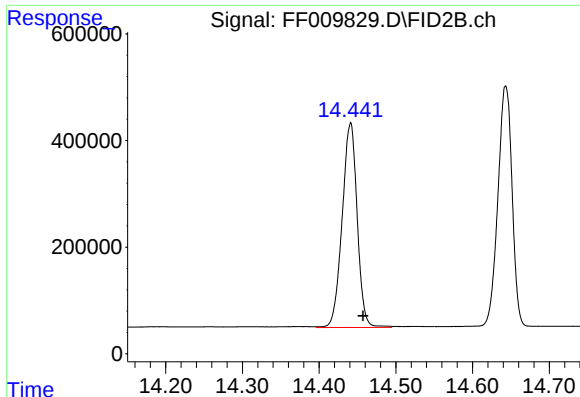
#7 N-EICOSANE

R.T.: 12.351 min  
Delta R.T.: -0.018 min  
Response: 6133009  
Conc: 40.57 ug/ml



#8 N-DOCOSANE

R.T.: 13.544 min  
Delta R.T.: -0.018 min  
Response: 5947620  
Conc: 39.99 ug/ml



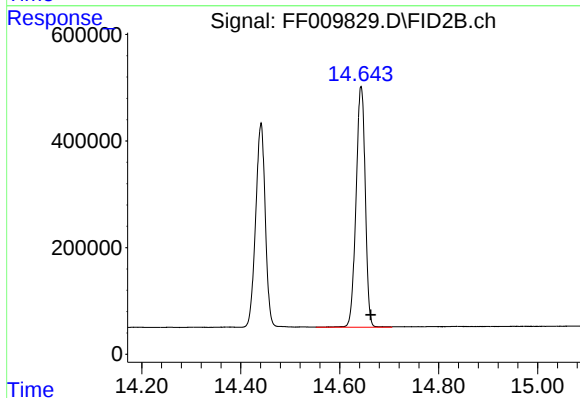
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.441 min  
Delta R.T.: -0.016 min  
Response: 5230305  
Conc: 40.02 ug/ml

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50 PPM TRPH STD

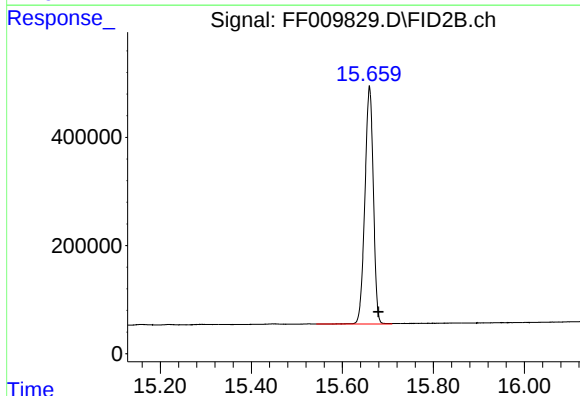
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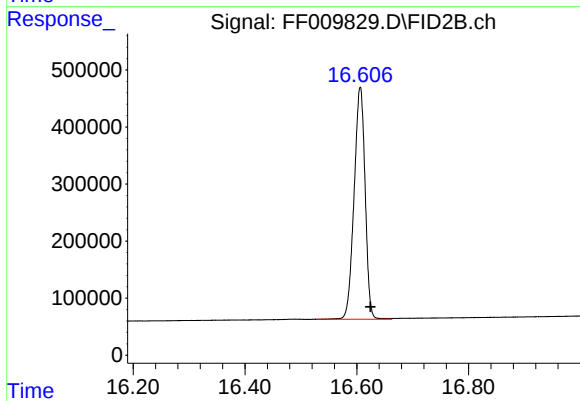
#10 N-TETRACOSANE

R.T.: 14.643 min  
Delta R.T.: -0.020 min  
Response: 5852546  
Conc: 39.46 ug/ml



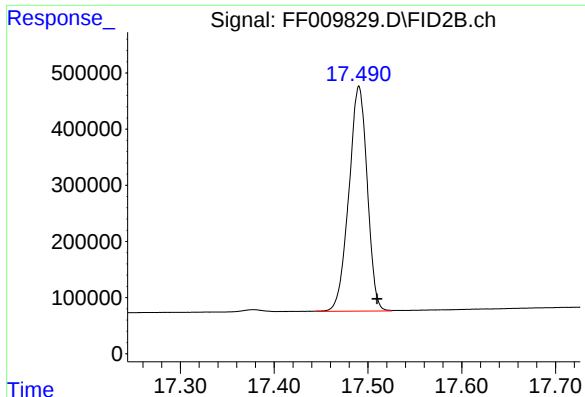
#11 N-HEXACOSANE

R.T.: 15.660 min  
Delta R.T.: -0.020 min  
Response: 5663024  
Conc: 38.73 ug/ml



#12 N-OCTACOSANE

R.T.: 16.606 min  
Delta R.T.: -0.018 min  
Response: 5586258  
Conc: 38.48 ug/ml



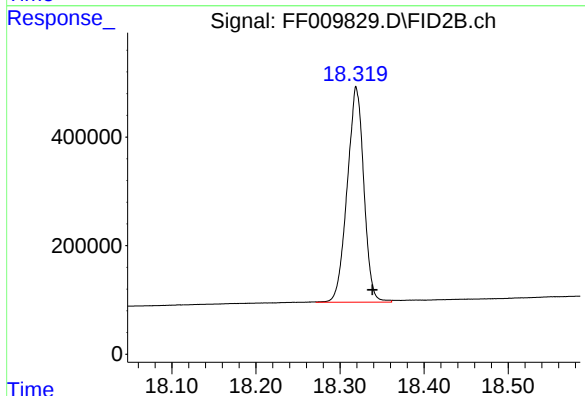
#13 N-TRIACONTANE

R.T.: 17.490 min  
Delta R.T.: -0.020 min  
Response: 5450416  
Conc: 38.09 ug/ml

Instrument :  
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ClientSampleId :  
50 PPM TRPH STD

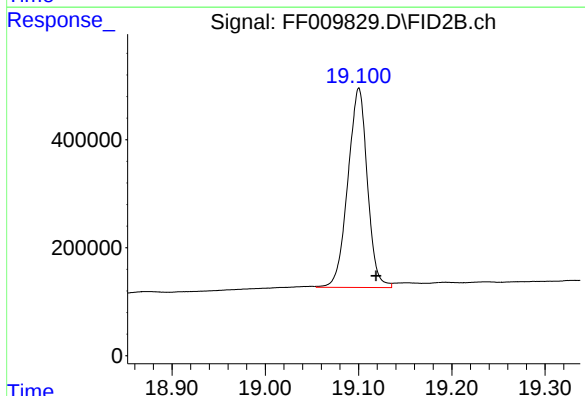
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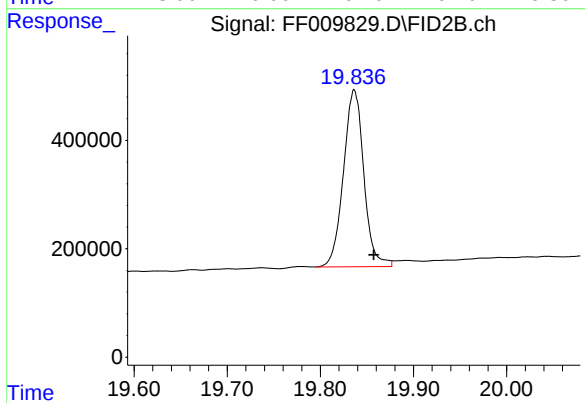
#14 N-DOTRIACONTANE

R.T.: 18.319 min  
Delta R.T.: -0.020 min  
Response: 5457610  
Conc: 40.11 ug/ml m



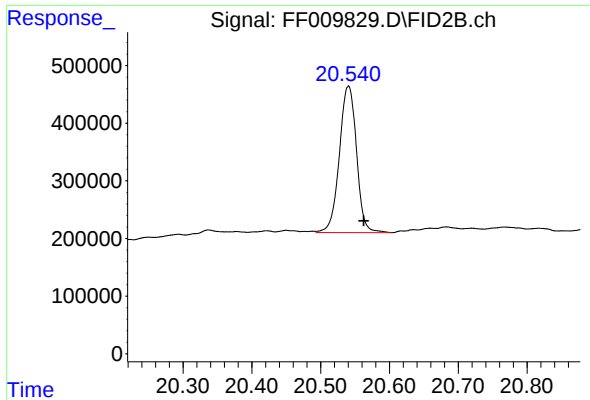
#15 N-TETRATRIACONTANE

R.T.: 19.100 min  
Delta R.T.: -0.018 min  
Response: 5367310  
Conc: 45.19 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.836 min  
Delta R.T.: -0.022 min  
Response: 4972014  
Conc: 48.22 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.540 min  
Delta R.T.: -0.022 min  
Response: 4408844  
Conc: 49.44 ug/ml

Instrument :

FID\_F

ClientSampleId :

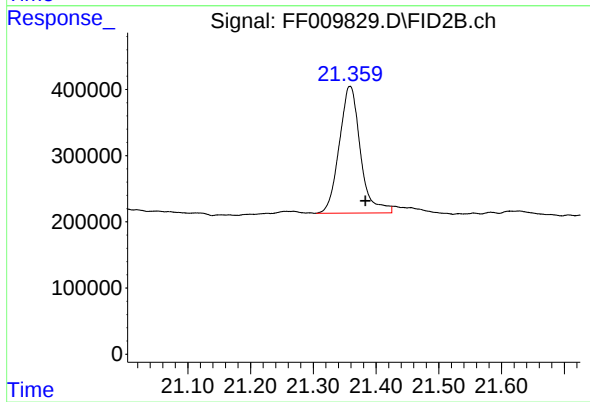
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#18 N-TETRACONTANE

R.T.: 21.359 min  
Delta R.T.: -0.024 min  
Response: 4496228  
Conc: 49.50 ug/ml m