

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF042622\  
 Data File : FF010403.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 Apr 2022 16:22  
 Operator : AJ\MA  
 Sample : PB144391BS  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB144391BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/27/2022  
 Supervised By :mohammad ahmed 04/27/2022

Integration File: Sample.e  
 Quant Time: Apr 27 01:23:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF040122.M  
 Quant Title :  
 QLast Update : Fri Apr 01 11:58:56 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... | 14.610 | 2193067  | 18.348 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.269  | 2295015  | 17.512 ug/ml  |
| 2) N-DECANE                   | 4.354  | 2595442  | 19.522 ug/ml  |
| 3) N-DODECANE                 | 6.369  | 2592357  | 19.470 ug/ml  |
| 4) N-TETRADECANE              | 8.163  | 2584278  | 19.491 ug/ml  |
| 5) N-HEXADECANE               | 9.762  | 2584198  | 19.465 ug/ml  |
| 6) N-OCTADECANE               | 11.204 | 2634275  | 19.160 ug/ml  |
| 7) N-EICOSANE                 | 12.513 | 2548900  | 18.972 ug/ml  |
| 8) N-DOCOSANE                 | 13.710 | 2505827  | 18.728 ug/ml  |
| 10) N-TETRACOSANE             | 14.814 | 2462355  | 18.389 ug/ml  |
| 11) N-HEXACOSANE              | 15.833 | 2413955  | 18.199 ug/mlm |
| 12) N-OCTACOSANE              | 16.783 | 2347328  | 17.710 ug/ml  |
| 13) N-TRIACONTANE             | 17.670 | 2291771  | 17.357 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.501 | 2125422  | 16.467 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.281 | 1873615  | 16.098 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.021 | 1588023  | 15.225 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.741 | 1441815  | 16.138 ug/mlm |
| 18) N-TETRACONTANE            | 21.618 | 1403863  | 16.026 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 58 Sample Multiplier: 1

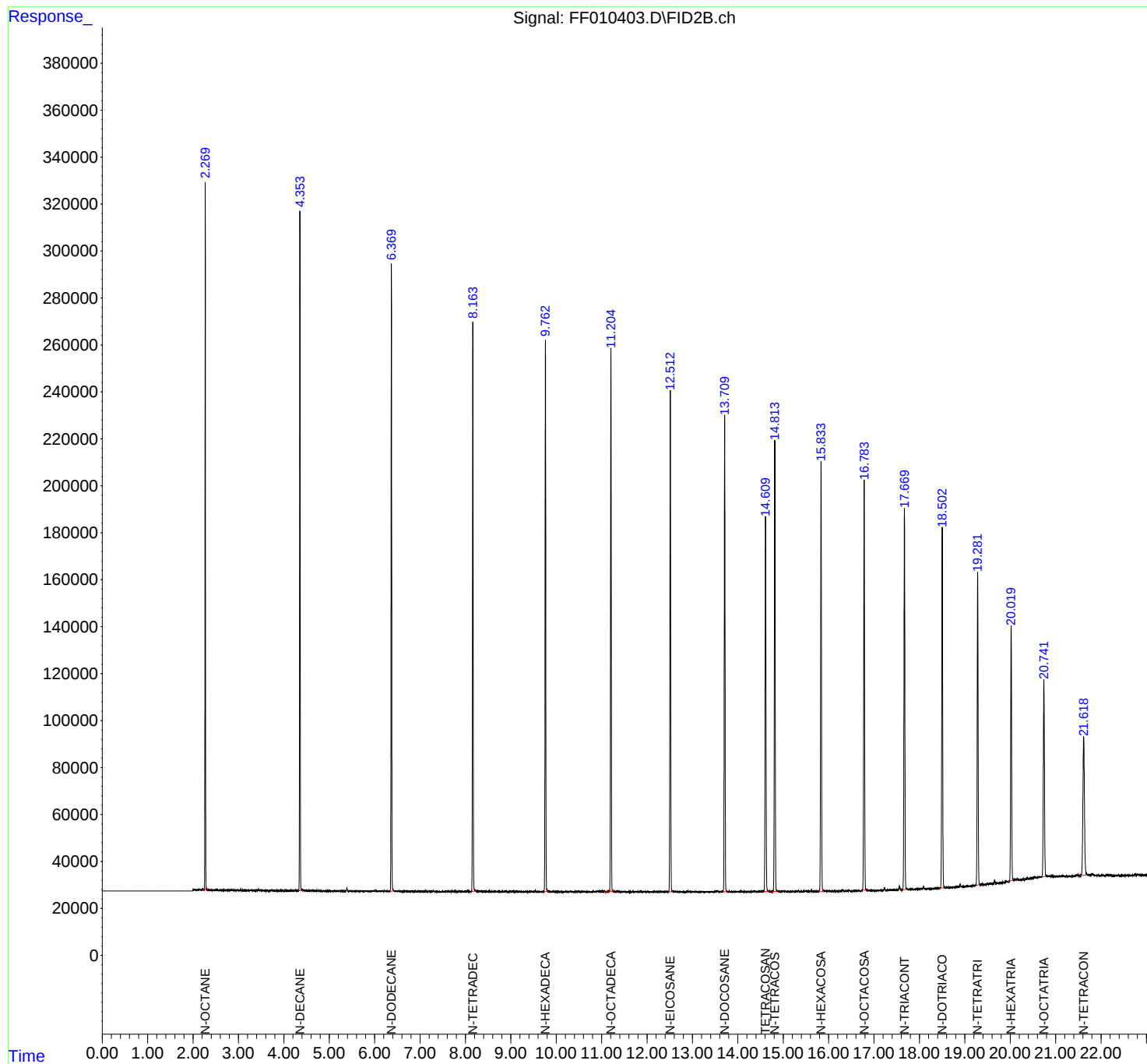
Instrument :  
FID\_F  
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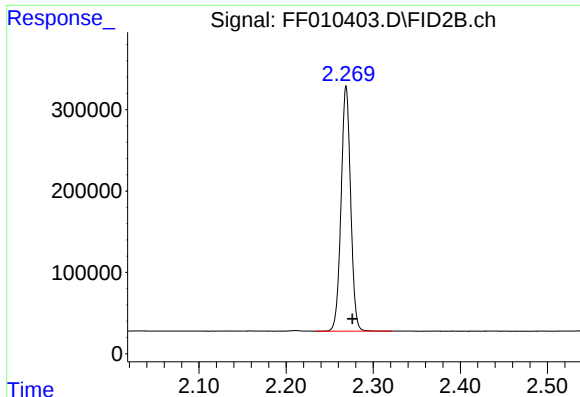
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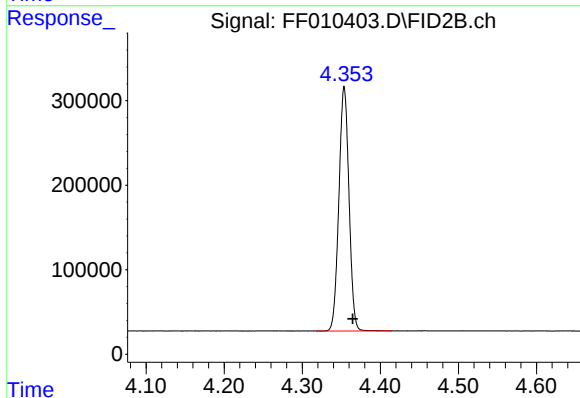
#1 N-OCTANE

R.T.: 2.269 min  
Delta R.T.: -0.007 min  
Response: 2295015  
Conc: 17.51 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
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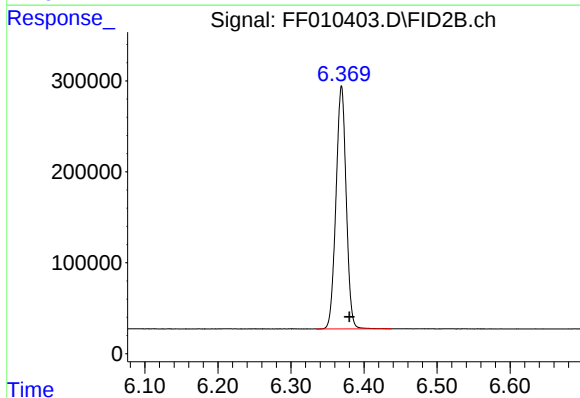
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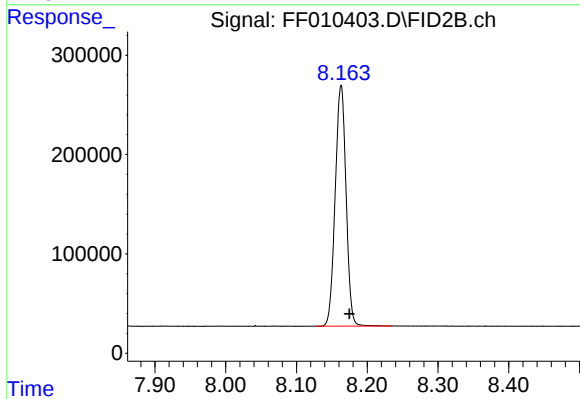
#2 N-DECANE

R.T.: 4.354 min  
Delta R.T.: -0.011 min  
Response: 2595442  
Conc: 19.52 ug/ml



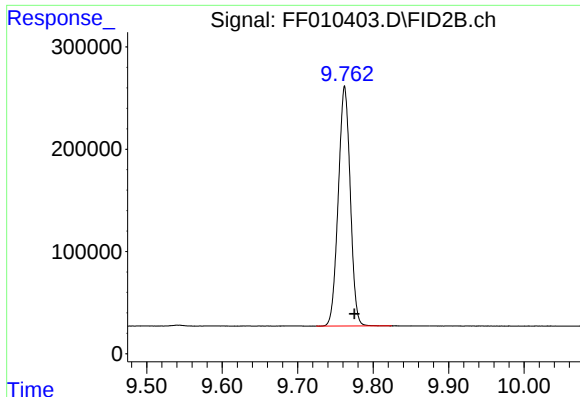
#3 N-DODECANE

R.T.: 6.369 min  
Delta R.T.: -0.011 min  
Response: 2592357  
Conc: 19.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.163 min  
Delta R.T.: -0.012 min  
Response: 2584278  
Conc: 19.49 ug/ml



#5 N-HEXADECANE

R.T.: 9.762 min  
Delta R.T.: -0.013 min  
Response: 2584198  
Conc: 19.47 ug/ml

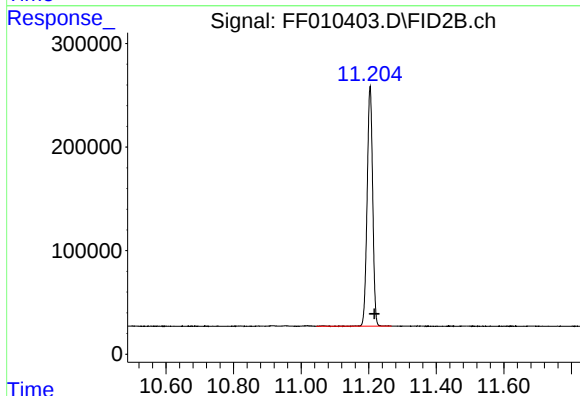
Instrument :

FID\_F

ClientSampleId :  
PB144391BS

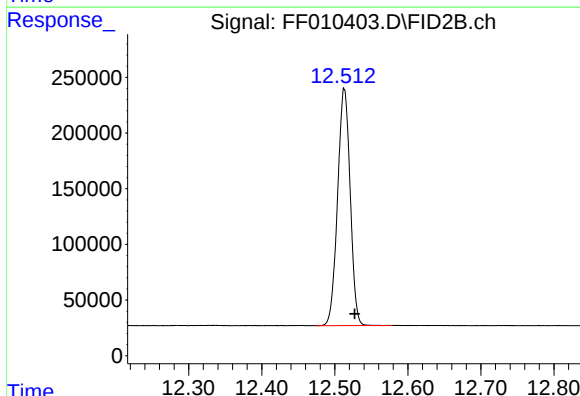
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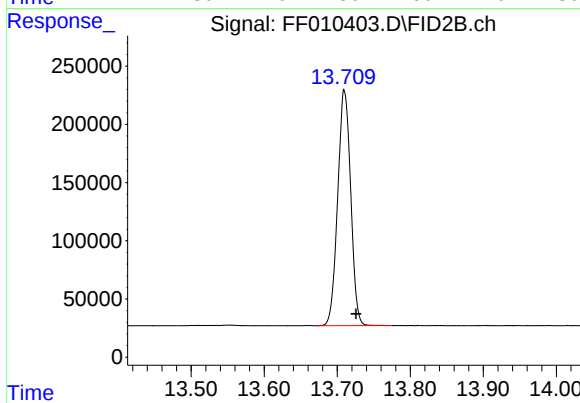
#6 N-OCTADECANE

R.T.: 11.204 min  
Delta R.T.: -0.013 min  
Response: 2634275  
Conc: 19.16 ug/ml



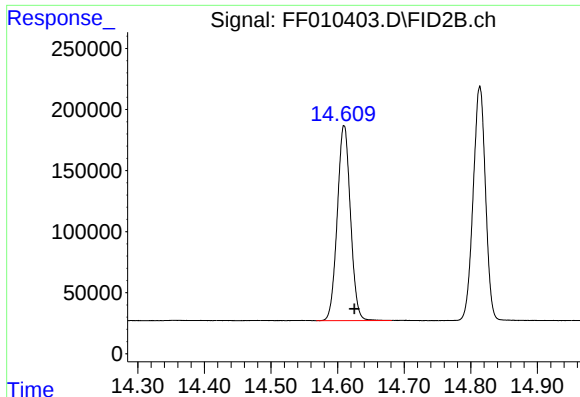
#7 N-EICOSANE

R.T.: 12.513 min  
Delta R.T.: -0.014 min  
Response: 2548900  
Conc: 18.97 ug/ml



#8 N-DOCOSANE

R.T.: 13.710 min  
Delta R.T.: -0.016 min  
Response: 2505827  
Conc: 18.73 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.610 min  
Delta R.T.: -0.016 min  
Response: 2193067  
Conc: 18.35 ug/ml

Instrument :

FID\_F

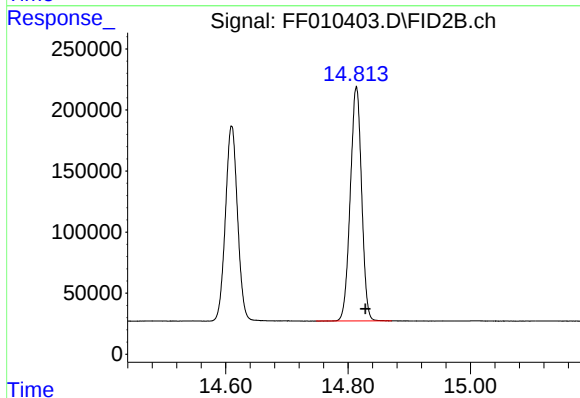
ClientSampleId :

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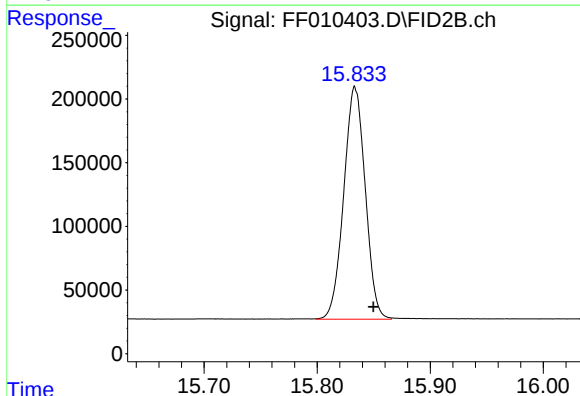
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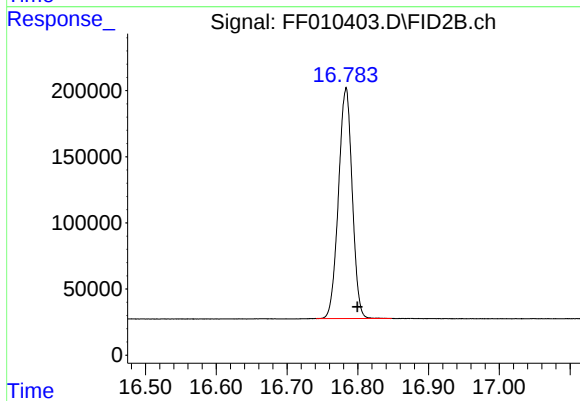
#10 N-TETRACOSANE

R.T.: 14.814 min  
Delta R.T.: -0.015 min  
Response: 2462355  
Conc: 18.39 ug/ml



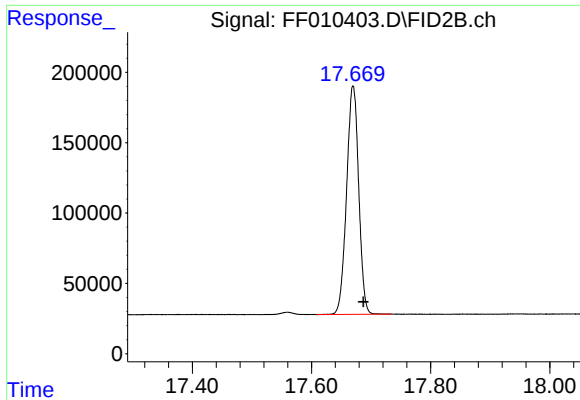
#11 N-HEXACOSANE

R.T.: 15.833 min  
Delta R.T.: -0.017 min  
Response: 2413955  
Conc: 18.20 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.783 min  
Delta R.T.: -0.016 min  
Response: 2347328  
Conc: 17.71 ug/ml



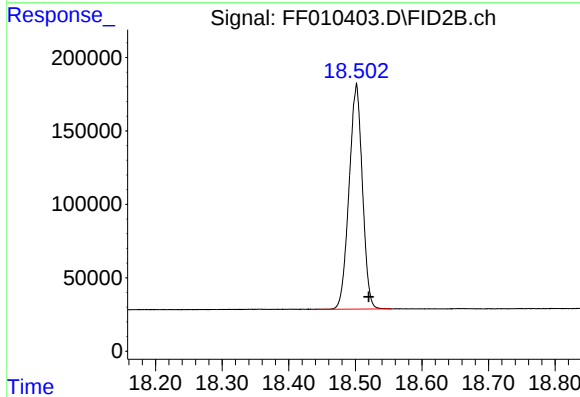
#13 N-TRIACONTANE

R.T.: 17.670 min  
Delta R.T.: -0.017 min  
Response: 2291771  
Conc: 17.36 ug/ml

Instrument :  
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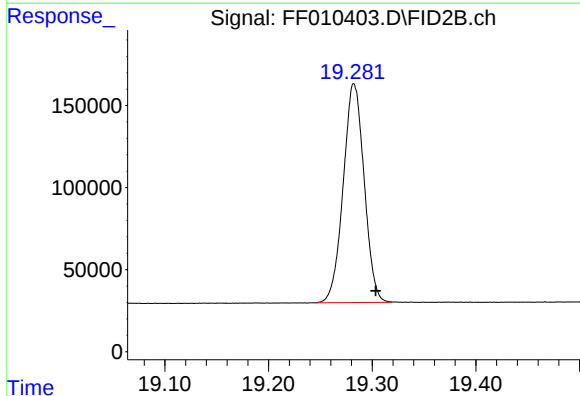
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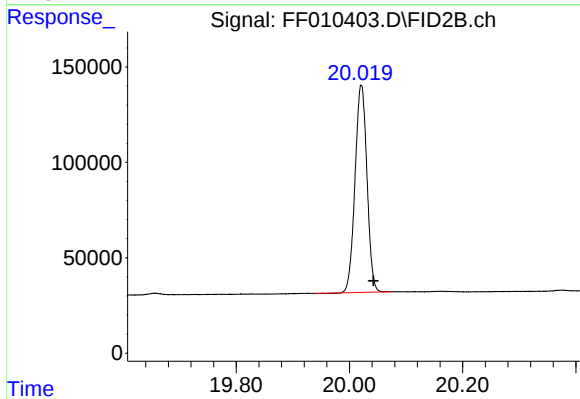
#14 N-DOTRIACONTANE

R.T.: 18.501 min  
Delta R.T.: -0.019 min  
Response: 2125422  
Conc: 16.47 ug/ml



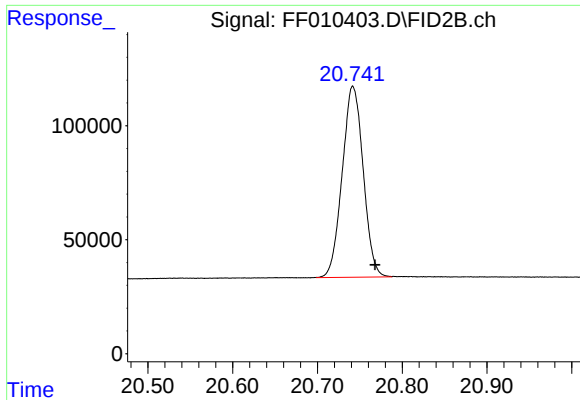
#15 N-TETRATRIACONTANE

R.T.: 19.281 min  
Delta R.T.: -0.022 min  
Response: 1873615  
Conc: 16.10 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.021 min  
Delta R.T.: -0.021 min  
Response: 1588023  
Conc: 15.23 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.741 min  
Delta R.T.: -0.027 min  
Response: 1441815  
Conc: 16.14 ug/ml

Instrument :

FID\_F

ClientSampleId :

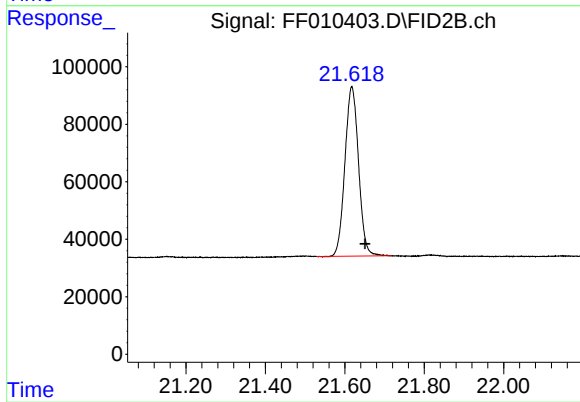
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#18 N-TETRACONTANE

R.T.: 21.618 min  
Delta R.T.: -0.034 min  
Response: 1403863  
Conc: 16.03 ug/ml