

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052623\  
 Data File : FF012768.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 May 2023 17:27  
 Operator : YP\AJ  
 Sample : 02937-01MSD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 AU-06-052423MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/30/2023  
 Supervised By :Ankita Jodhani 05/30/2023

Integration File: autoint1.e  
 Quant Time: May 27 02:53:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF050523.M  
 Quant Title :  
 QLast Update : Fri May 05 16:23:08 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... | 14.994 | 1754132  | 14.531 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.041  | 1612342  | 12.390 ug/ml  |
| 2) N-DECANE                   | 4.555  | 2093285  | 15.681 ug/ml  |
| 3) N-DODECANE                 | 6.717  | 2188063  | 16.744 ug/ml  |
| 4) N-TETRADECANE              | 8.542  | 2244738  | 17.417 ug/ml  |
| 5) N-HEXADECANE               | 10.147 | 2507056  | 18.602 ug/ml  |
| 6) N-OCTADECANE               | 11.588 | 2842701  | 20.522 ug/ml  |
| 7) N-EICOSANE                 | 12.898 | 2752895  | 19.886 ug/ml  |
| 8) N-DOCOSANE                 | 14.096 | 2638120  | 19.693 ug/ml  |
| 10) N-TETRACOSANE             | 15.198 | 2987330  | 22.388 ug/ml  |
| 11) N-HEXACOSANE              | 16.220 | 2358701  | 18.195 ug/ml  |
| 12) N-OCTACOSANE              | 17.171 | 3287382  | 25.941 ug/ml  |
| 13) N-TRIACONTANE             | 18.060 | 3330176  | 26.627 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.892 | 2903538  | 24.306 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.676 | 2100381  | 19.094 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.420 | 1655663  | 15.911 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.154 | 1541784  | 15.331 ug/mlm |
| 18) N-TETRACONTANE            | 22.065 | 1673113  | 16.151 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 65 Sample Multiplier: 1

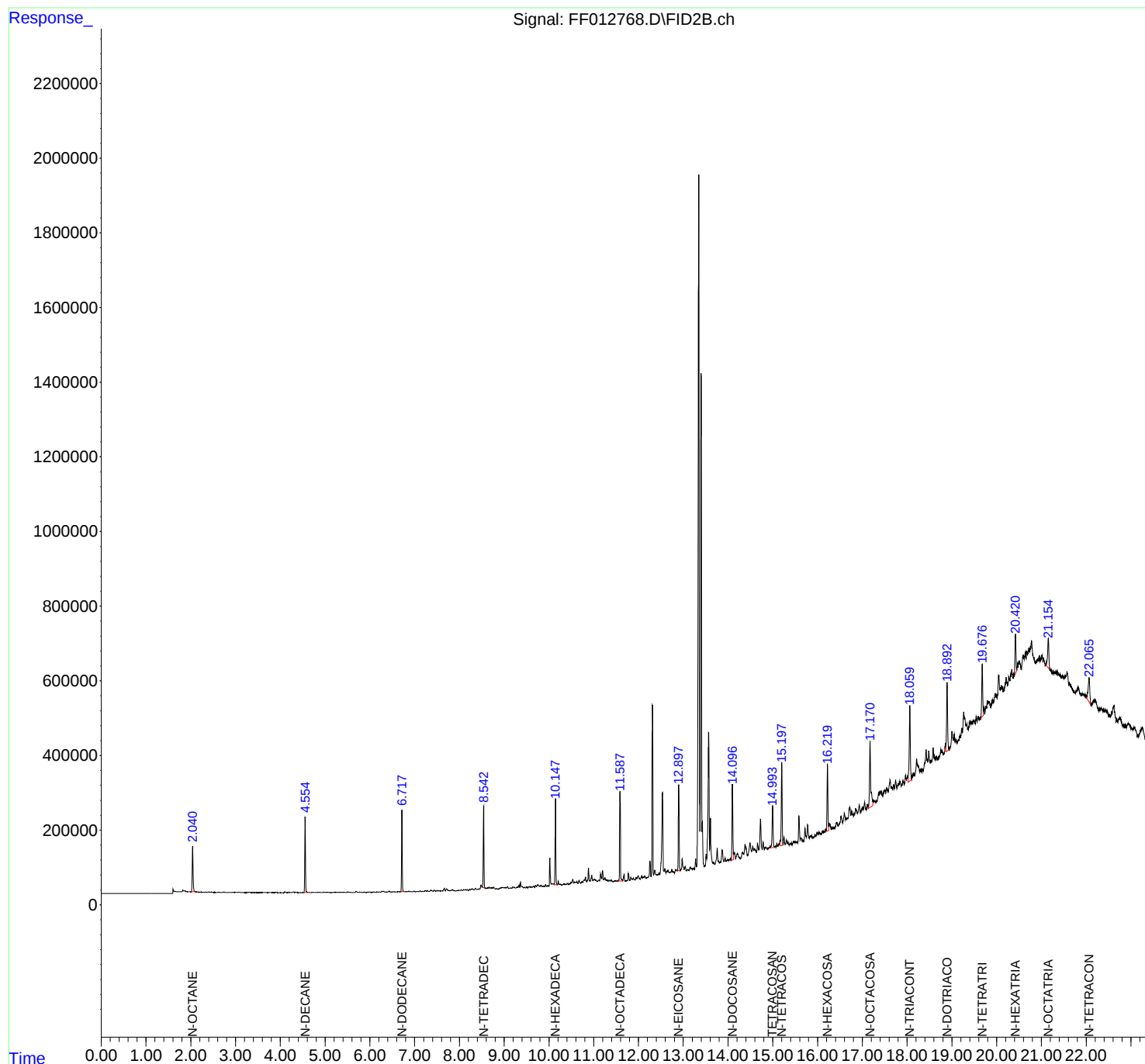
Instrument :  
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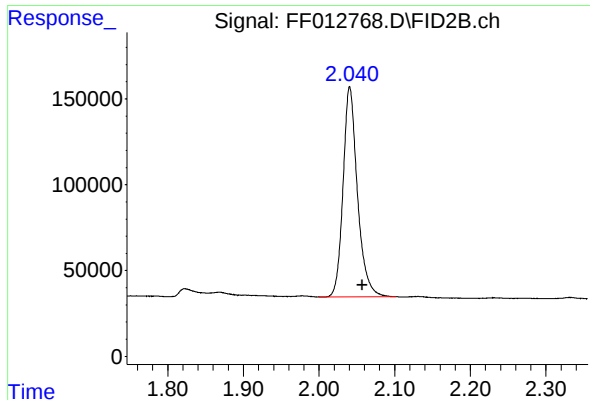
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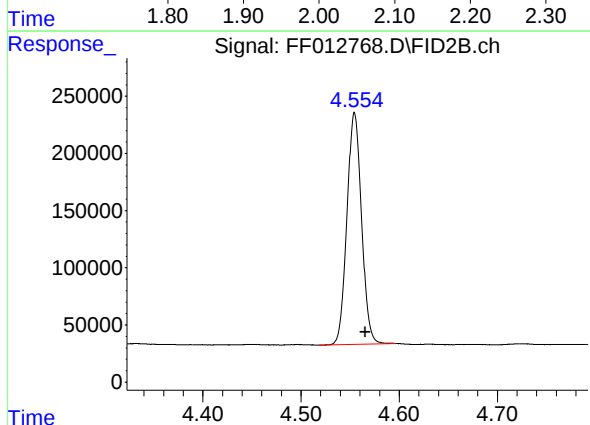
#1 N-OCTANE

R.T.: 2.041 min  
Delta R.T.: -0.016 min  
Response: 1612342  
Conc: 12.39 ug/ml

Instrument :  
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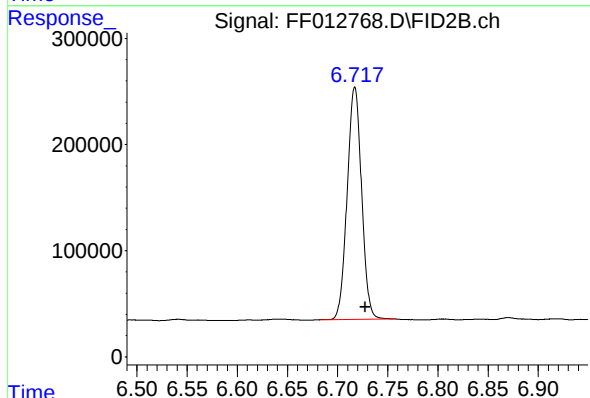
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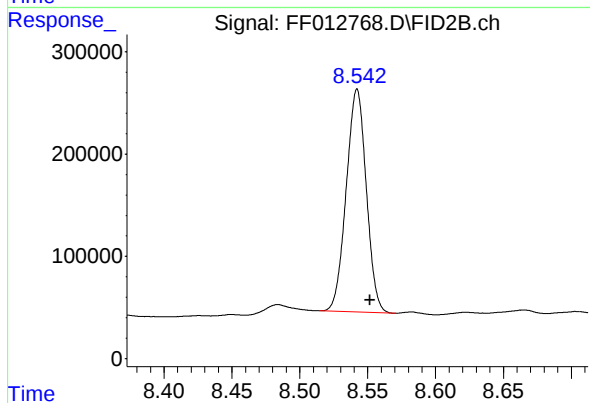
#2 N-DECANE

R.T.: 4.555 min  
Delta R.T.: -0.011 min  
Response: 2093285  
Conc: 15.68 ug/ml



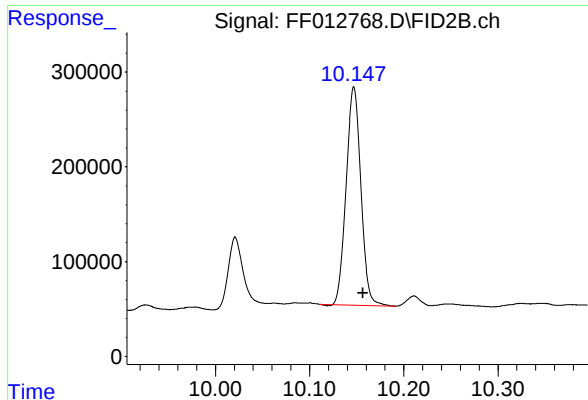
#3 N-DODECANE

R.T.: 6.717 min  
Delta R.T.: -0.010 min  
Response: 2188063  
Conc: 16.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.542 min  
Delta R.T.: -0.010 min  
Response: 2244738  
Conc: 17.42 ug/ml



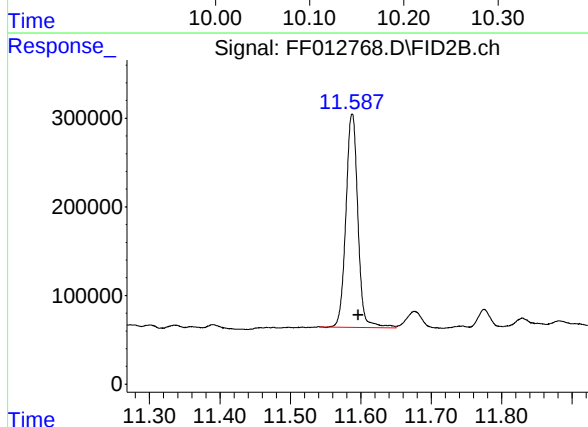
#5 N-HEXADECANE

R.T.: 10.147 min  
Delta R.T.: -0.009 min  
Response: 2507056  
Conc: 18.60 ug/ml

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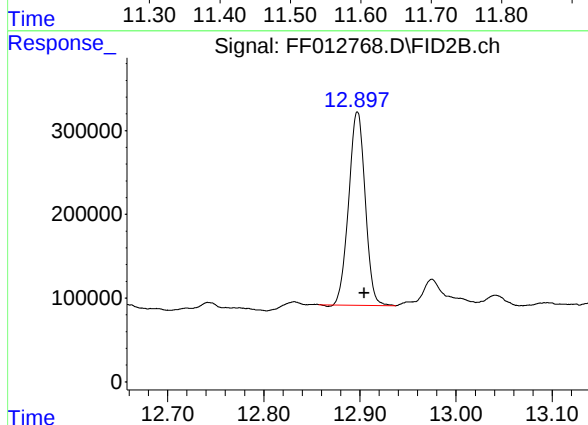
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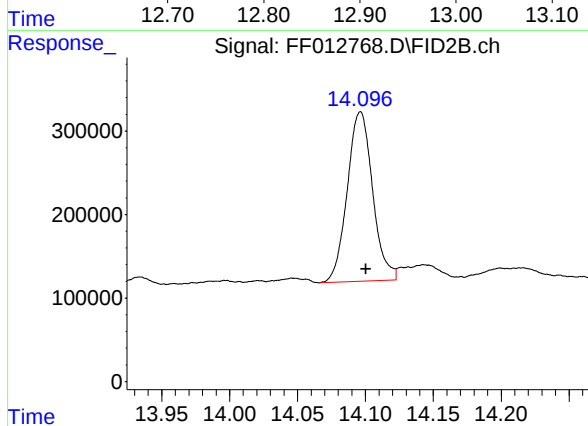
#6 N-OCTADECANE

R.T.: 11.588 min  
Delta R.T.: -0.009 min  
Response: 2842701  
Conc: 20.52 ug/ml



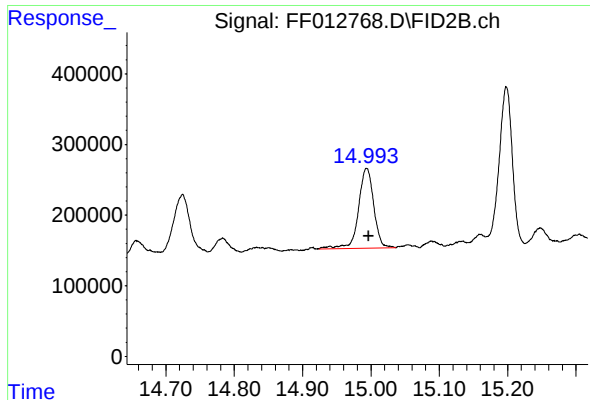
#7 N-EICOSANE

R.T.: 12.898 min  
Delta R.T.: -0.007 min  
Response: 2752895  
Conc: 19.89 ug/ml



#8 N-DOCOSANE

R.T.: 14.096 min  
Delta R.T.: -0.004 min  
Response: 2638120  
Conc: 19.69 ug/ml



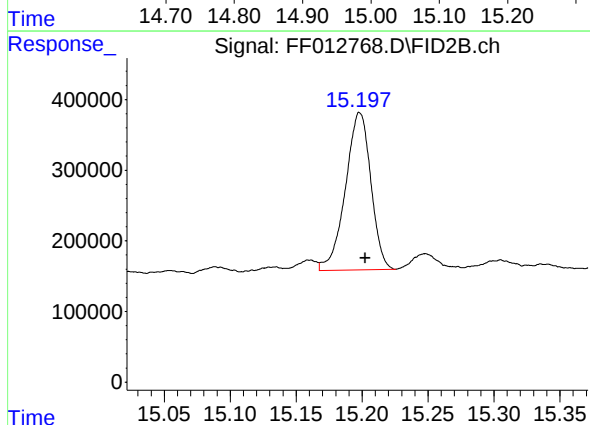
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.994 min  
Delta R.T.: -0.003 min  
Response: 1754132  
Conc: 14.53 ug/ml

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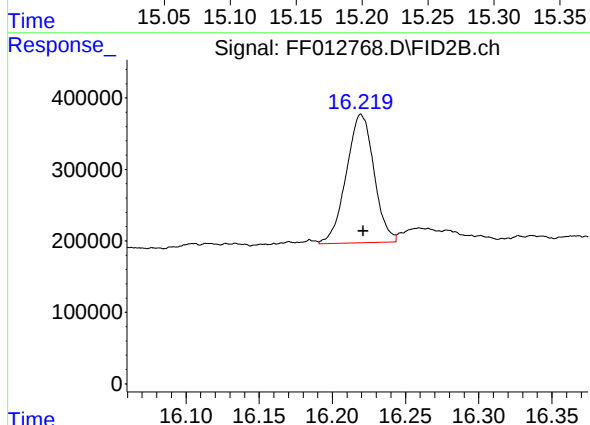
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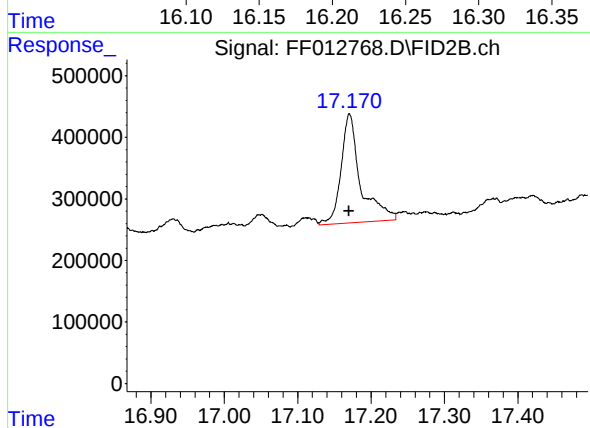
#10 N-TETRACOSANE

R.T.: 15.198 min  
Delta R.T.: -0.004 min  
Response: 2987330  
Conc: 22.39 ug/ml



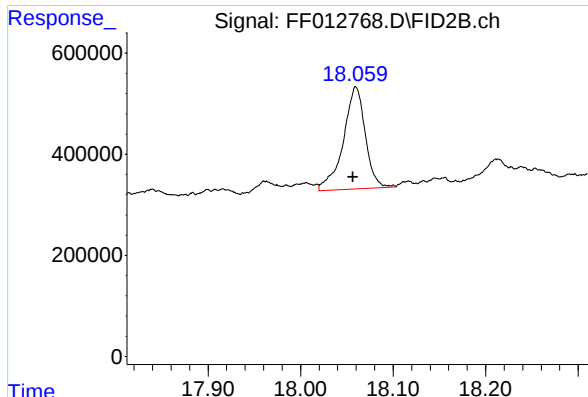
#11 N-HEXACOSANE

R.T.: 16.220 min  
Delta R.T.: -0.001 min  
Response: 2358701  
Conc: 18.19 ug/ml



#12 N-OCTACOSANE

R.T.: 17.171 min  
Delta R.T.: 0.000 min  
Response: 3287382  
Conc: 25.94 ug/ml



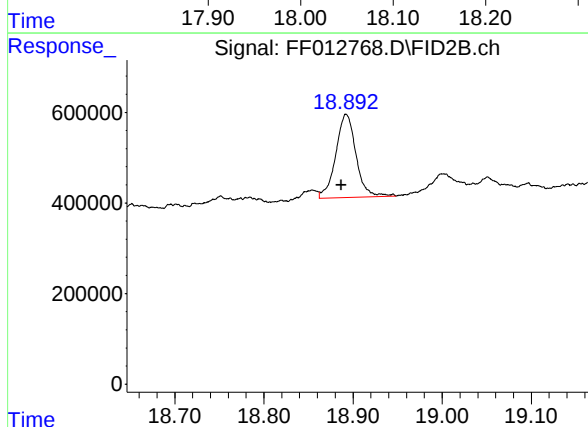
#13 N-TRIACONTANE

R.T.: 18.060 min  
Delta R.T.: 0.003 min  
Response: 3330176  
Conc: 26.63 ug/ml

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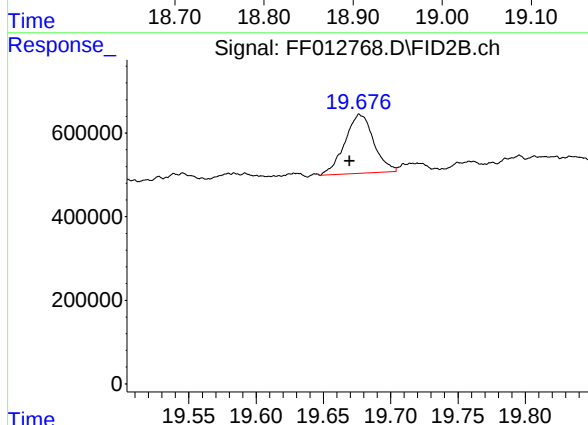
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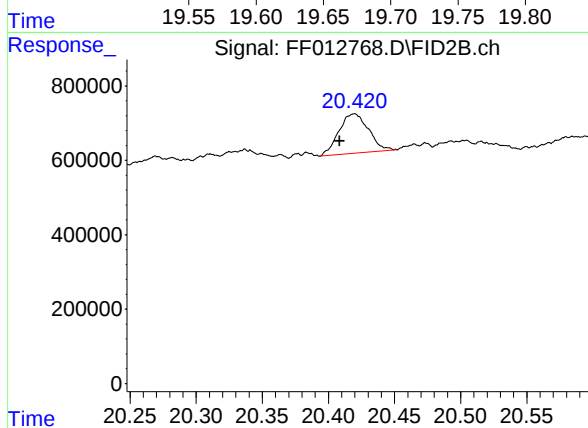
#14 N-DOTRIACONTANE

R.T.: 18.892 min  
Delta R.T.: 0.005 min  
Response: 2903538  
Conc: 24.31 ug/ml m



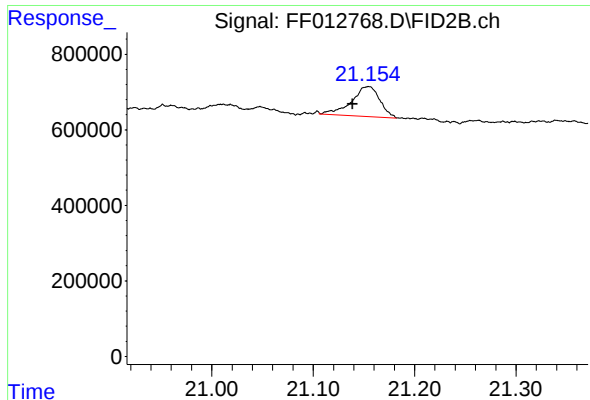
#15 N-TETRATRIACONTANE

R.T.: 19.676 min  
Delta R.T.: 0.007 min  
Response: 2100381  
Conc: 19.09 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.420 min  
Delta R.T.: 0.011 min  
Response: 1655663  
Conc: 15.91 ug/ml m



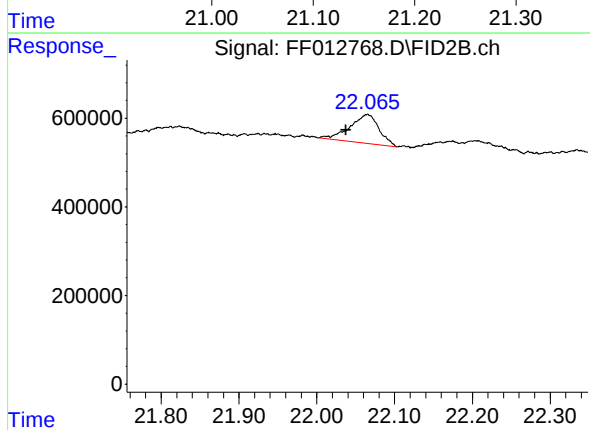
#17 N-OCTATRIACONTANE

R.T.: 21.154 min  
Delta R.T.: 0.015 min  
Response: 1541784  
Conc: 15.33 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.065 min  
Delta R.T.: 0.027 min  
Response: 1673113  
Conc: 16.15 ug/ml