

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF011922\  
 Data File : FF009706.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Jan 2022 14:13  
 Operator : AJ\MA  
 Sample : PB142121BS  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB142121BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/20/2022  
 Supervised By :Ankita Jodhani 01/20/2022

Integration File: autoint1.e  
 Quant Time: Jan 20 00:17:15 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... | 14.446 | 3036861  | 23.239 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.175  | 2724464  | 19.708 ug/ml  |
| 2) N-DECANE                   | 4.236  | 3150218  | 22.274 ug/ml  |
| 3) N-DODECANE                 | 6.242  | 3271748  | 22.863 ug/ml  |
| 4) N-TETRADECANE              | 8.027  | 3338971  | 22.722 ug/ml  |
| 5) N-HEXADECANE               | 9.619  | 3123889  | 20.883 ug/ml  |
| 6) N-OCTADECANE               | 11.054 | 3390752  | 21.994 ug/ml  |
| 7) N-EICOSANE                 | 12.358 | 3376497  | 22.337 ug/ml  |
| 8) N-DOCOSANE                 | 13.551 | 3299181  | 22.184 ug/ml  |
| 10) N-TETRACOSANE             | 14.650 | 3272783  | 22.069 ug/ml  |
| 11) N-HEXACOSANE              | 15.667 | 3130123  | 21.409 ug/ml  |
| 12) N-OCTACOSANE              | 16.613 | 3065385  | 21.117 ug/ml  |
| 13) N-TRIACONTANE             | 17.496 | 3000922  | 20.973 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.325 | 3027587  | 22.248 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.107 | 2594626  | 21.845 ug/ml  |
| 16) N-HEXATRIACONTANE         | 19.843 | 2348745  | 22.781 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.549 | 2199833  | 24.669 ug/ml  |
| 18) N-TETRACONTANE            | 21.367 | 2506160  | 27.589 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 56 Sample Multiplier: 1

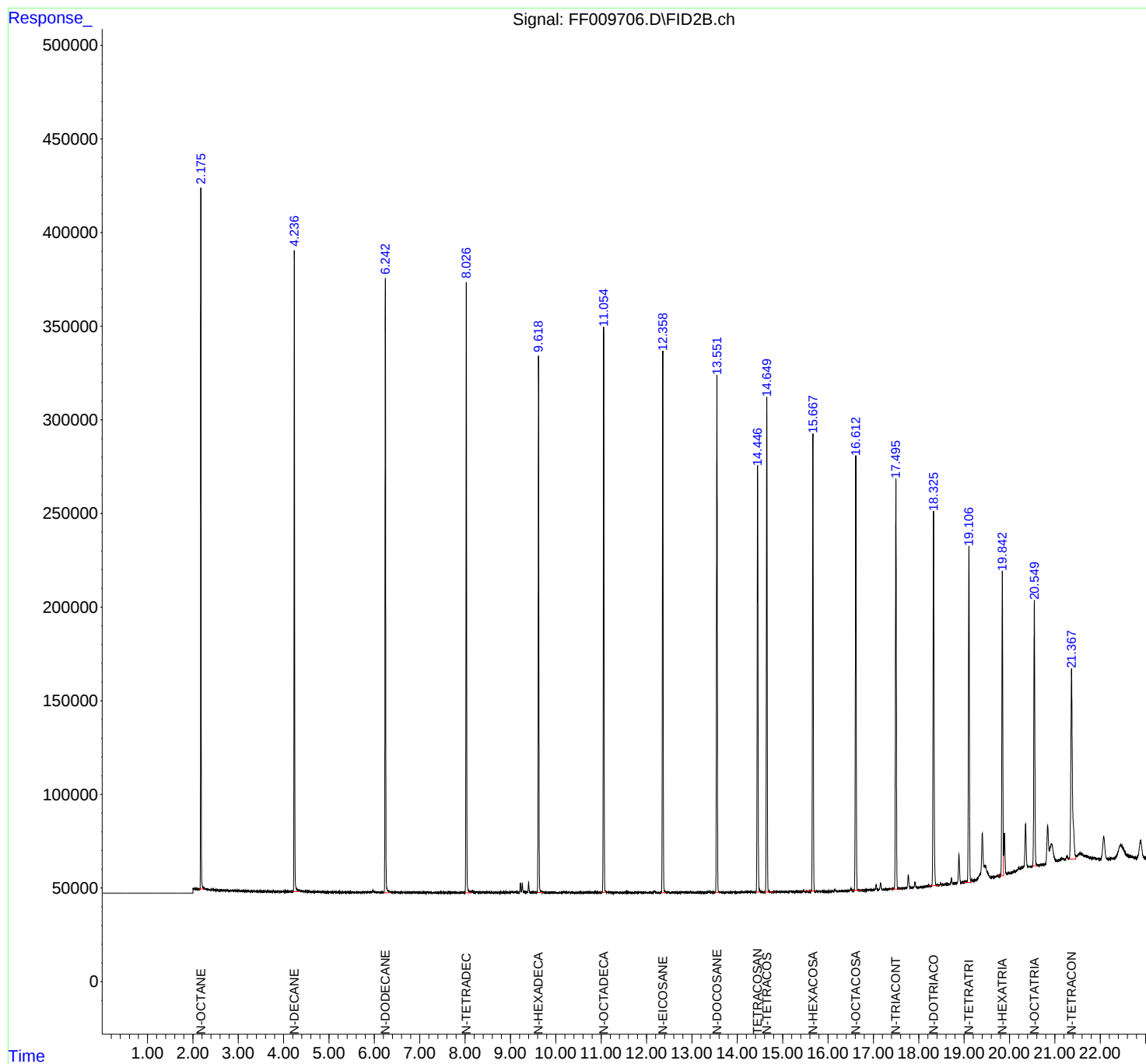
Instrument :  
FID\_F  
ClientSampleId :  
PB142121BS

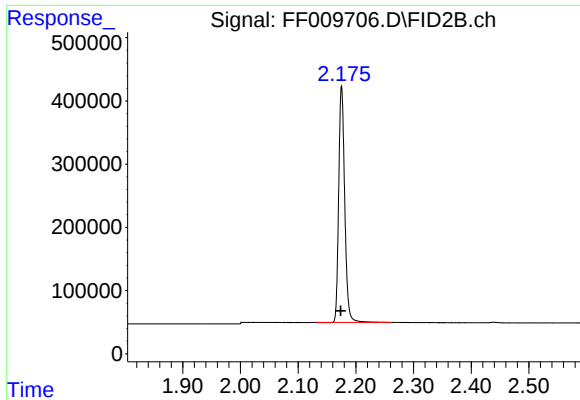
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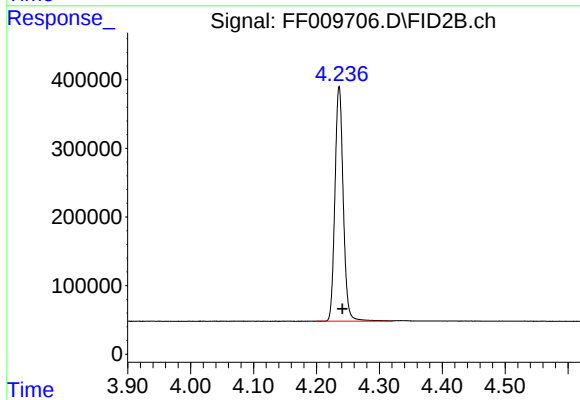
#1 N-OCTANE

R.T.: 2.175 min  
Delta R.T.: 0.001 min  
Response: 2724464  
Conc: 19.71 ug/ml

Instrument :  
FID\_F  
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PB142121BS

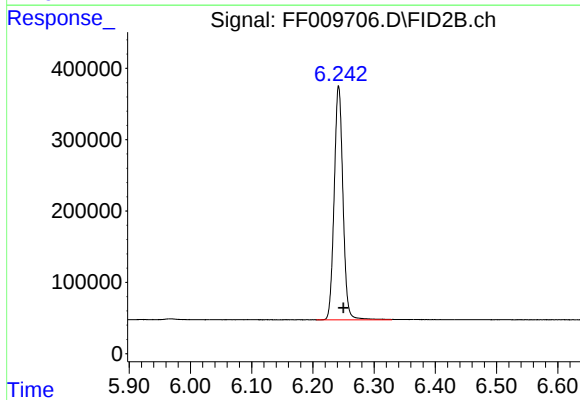
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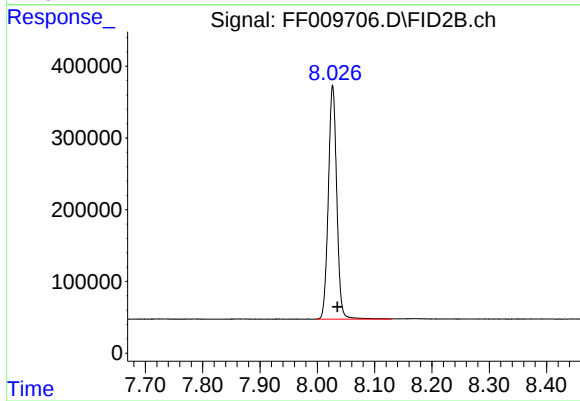
#2 N-DECANE

R.T.: 4.236 min  
Delta R.T.: -0.005 min  
Response: 3150218  
Conc: 22.27 ug/ml



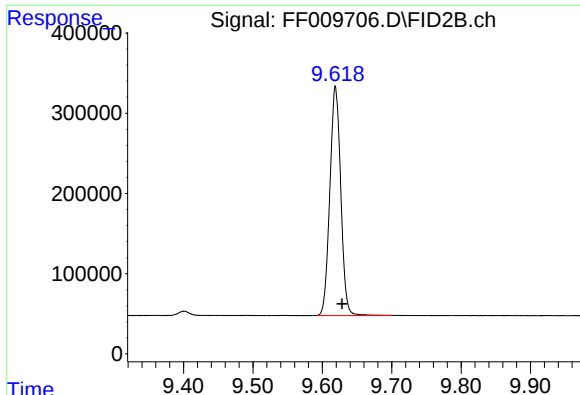
#3 N-DODECANE

R.T.: 6.242 min  
Delta R.T.: -0.008 min  
Response: 3271748  
Conc: 22.86 ug/ml



#4 N-TETRADECANE

R.T.: 8.027 min  
Delta R.T.: -0.009 min  
Response: 3338971  
Conc: 22.72 ug/ml



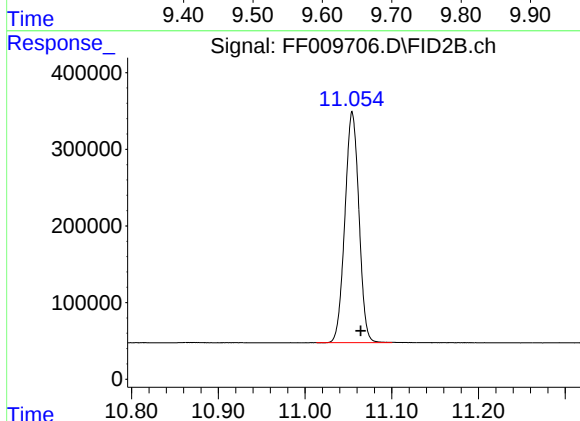
#5 N-HEXADECANE

R.T.: 9.619 min  
Delta R.T.: -0.010 min  
Response: 3123889  
Conc: 20.88 ug/ml

Instrument :  
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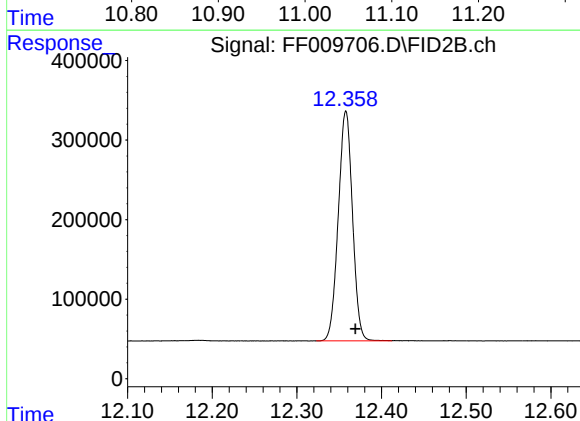
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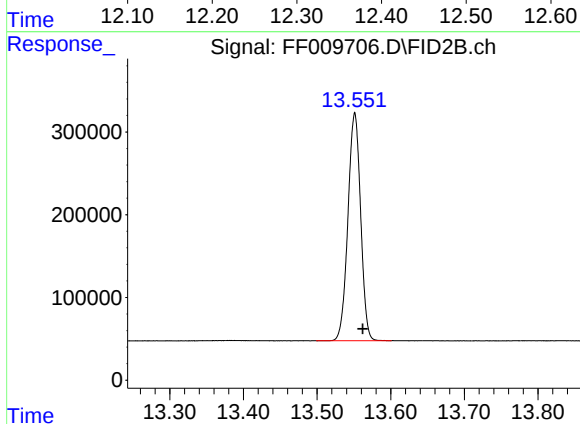
#6 N-OCTADECANE

R.T.: 11.054 min  
Delta R.T.: -0.010 min  
Response: 3390752  
Conc: 21.99 ug/ml



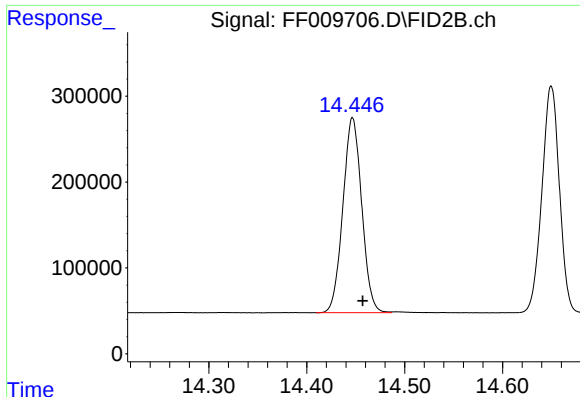
#7 N-EICOSANE

R.T.: 12.358 min  
Delta R.T.: -0.011 min  
Response: 3376497  
Conc: 22.34 ug/ml



#8 N-DOCOSANE

R.T.: 13.551 min  
Delta R.T.: -0.011 min  
Response: 3299181  
Conc: 22.18 ug/ml



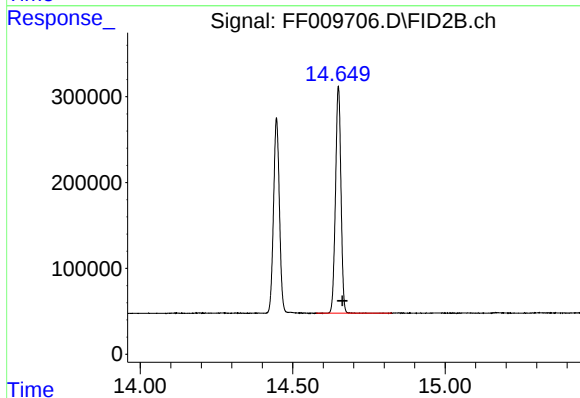
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.446 min  
Delta R.T.: -0.011 min  
Response: 3036861  
Conc: 23.24 ug/ml

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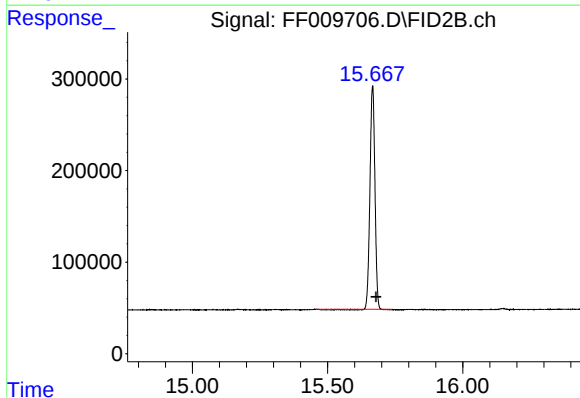
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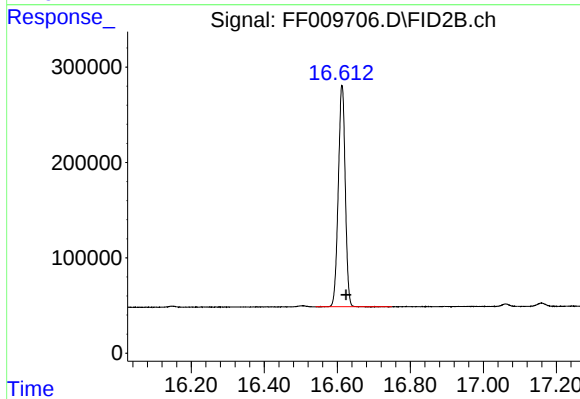
#10 N-TETRACOSANE

R.T.: 14.650 min  
Delta R.T.: -0.013 min  
Response: 3272783  
Conc: 22.07 ug/ml



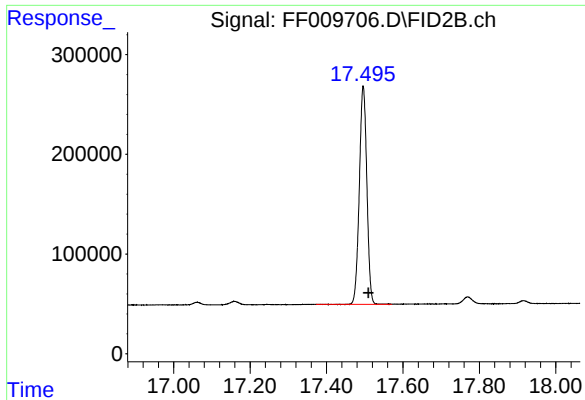
#11 N-HEXACOSANE

R.T.: 15.667 min  
Delta R.T.: -0.012 min  
Response: 3130123  
Conc: 21.41 ug/ml



#12 N-OCTACOSANE

R.T.: 16.613 min  
Delta R.T.: -0.011 min  
Response: 3065385  
Conc: 21.12 ug/ml



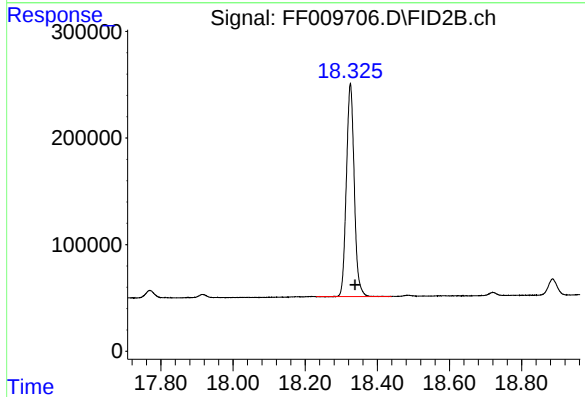
#13 N-TRIACONTANE

R.T.: 17.496 min  
Delta R.T.: -0.014 min  
Response: 3000922  
Conc: 20.97 ug/ml

Instrument :  
FID\_F  
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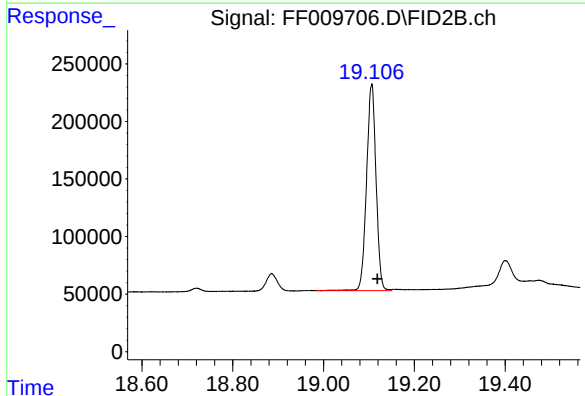
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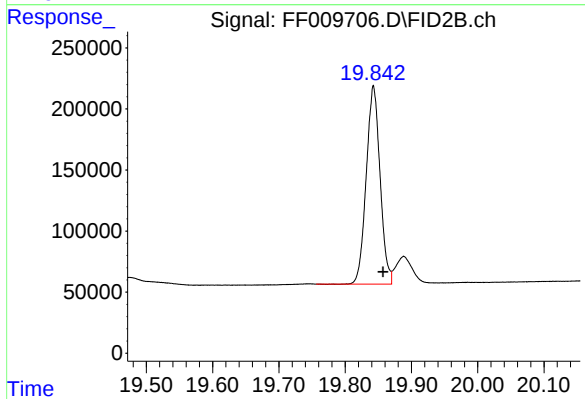
#14 N-DOTRIACONTANE

R.T.: 18.325 min  
Delta R.T.: -0.013 min  
Response: 3027587  
Conc: 22.25 ug/ml



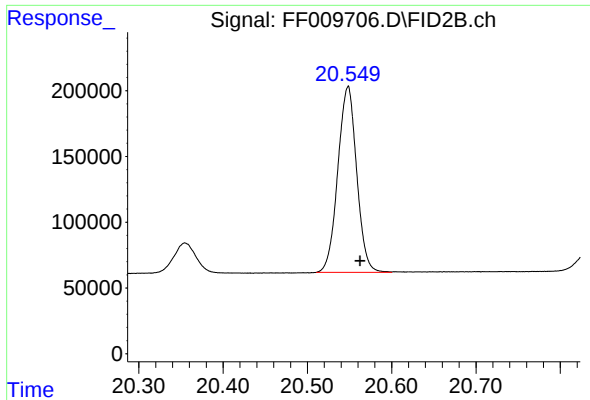
#15 N-TETRATRIACONTANE

R.T.: 19.107 min  
Delta R.T.: -0.012 min  
Response: 2594626  
Conc: 21.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.843 min  
Delta R.T.: -0.015 min  
Response: 2348745  
Conc: 22.78 ug/ml



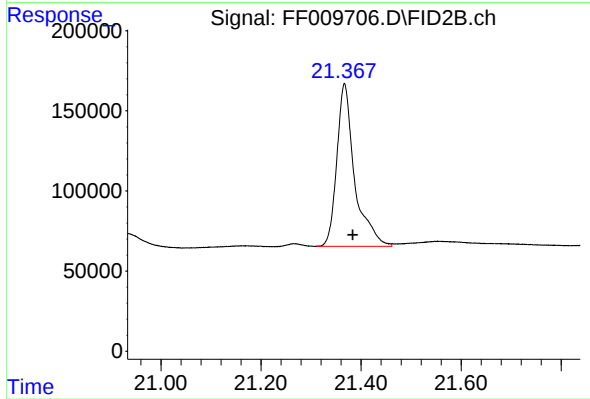
#17 N-OCTATRIACONTANE

R.T.: 20.549 min  
Delta R.T.: -0.014 min  
Response: 2199833  
Conc: 24.67 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.367 min  
Delta R.T.: -0.016 min  
Response: 2506160  
Conc: 27.59 ug/ml