

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF011022\  
 Data File : FF009656.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Jan 2022 12:18  
 Operator : AJ\MA  
 Sample : N1052-01MSD  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 BALL-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022  
 Supervised By :mohammad ahmed 01/12/2022

Integration File: Sample.e  
 Quant Time: Jan 10 13:17:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF121521.M  
 Quant Title :  
 QLast Update : Thu Dec 16 03:33:07 2021  
 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... | 14.460 | 1976913  | 17.066 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.185  | 2689572  | 19.418 ug/ml  |
| 2) N-DECANE                   | 4.245  | 3646370  | 25.575 ug/ml  |
| 3) N-DODECANE                 | 6.251  | 3971968  | 27.466 ug/ml  |
| 4) N-TETRADECANE              | 8.036  | 4179212  | 28.744 ug/ml  |
| 5) N-HEXADECANE               | 9.629  | 3733774  | 25.998 ug/ml  |
| 6) N-OCTADECANE               | 11.065 | 4006560  | 27.760 ug/ml  |
| 7) N-EICOSANE                 | 12.369 | 4054099  | 28.606 ug/ml  |
| 8) N-DOCOSANE                 | 13.563 | 3946644  | 28.963 ug/mlm |
| 10) N-TETRACOSANE             | 14.664 | 4945542  | 37.561 ug/mlm |
| 11) N-HEXACOSANE              | 15.683 | 4163380  | 33.312 ug/mlm |
| 12) N-OCTACOSANE              | 16.629 | 4250831  | 35.698 ug/mlm |
| 13) N-TRIACONTANE             | 17.515 | 3990811  | 34.840 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.345 | 4168561  | 38.144 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.127 | 3946701  | 37.259 ug/mlm |
| 16) N-HEXATRIACONTANE         | 19.866 | 3277535  | 32.722 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.573 | 3187861  | 32.465 ug/mlm |
| 18) N-TETRACONTANE            | 21.402 | 3258401  | 32.263 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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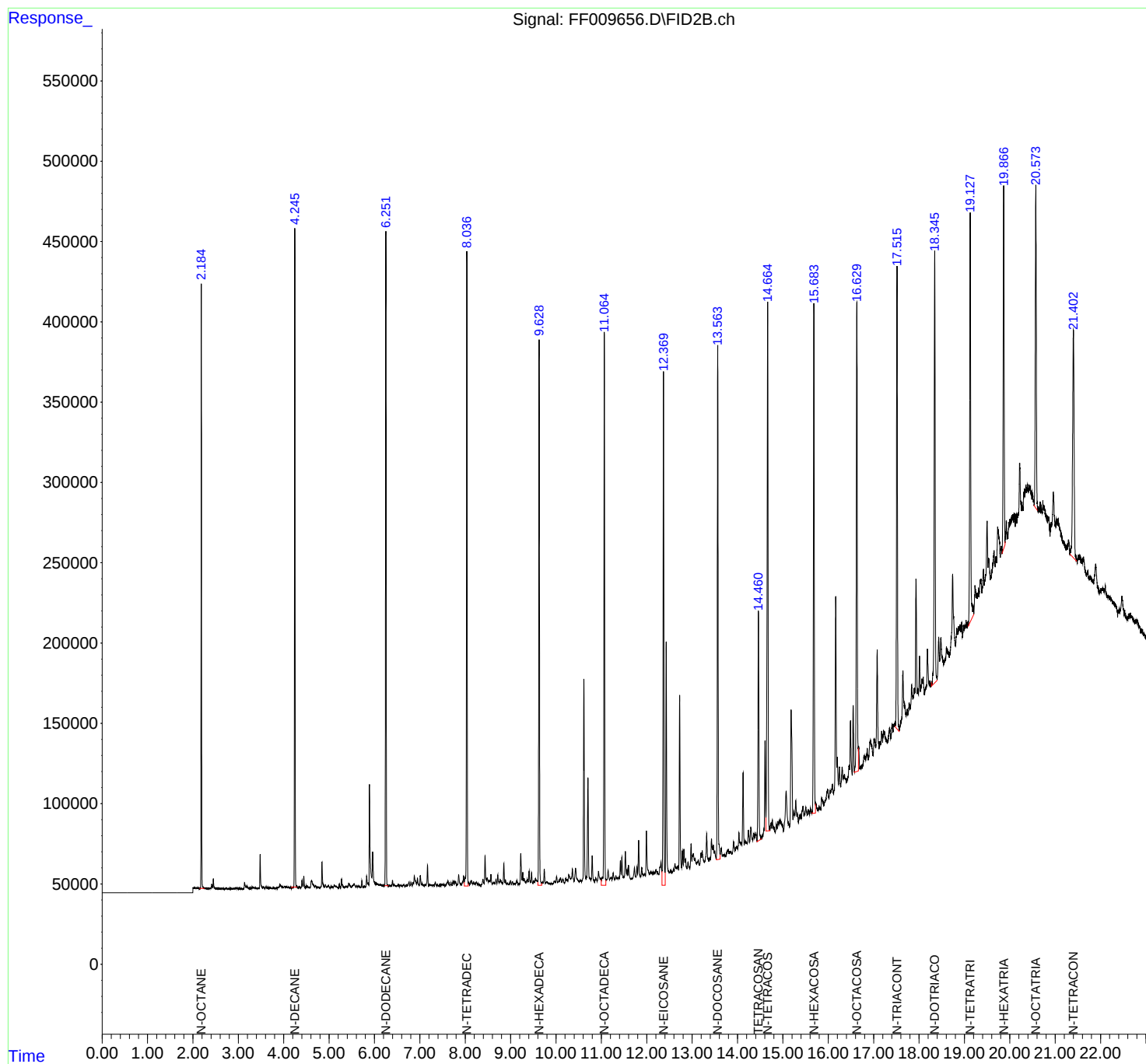
Instrument :  
FID\_F  
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BALL-1MSD

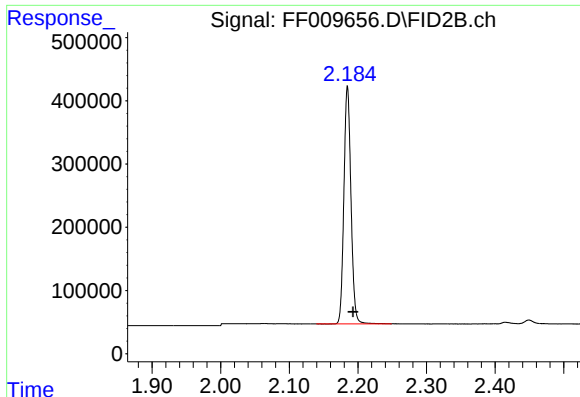
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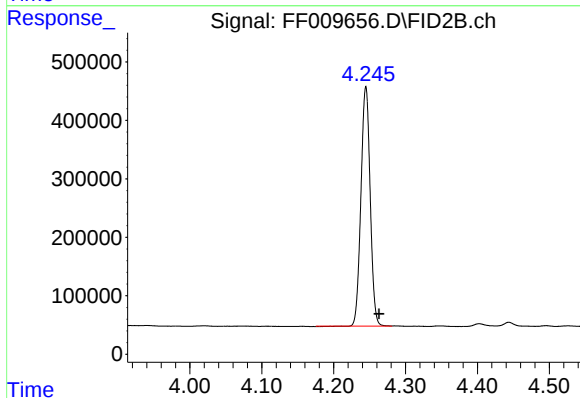
#1 N-OCTANE

R.T.: 2.185 min  
Delta R.T.: -0.008 min  
Response: 2689572  
Conc: 19.42 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
BALL-1MSD

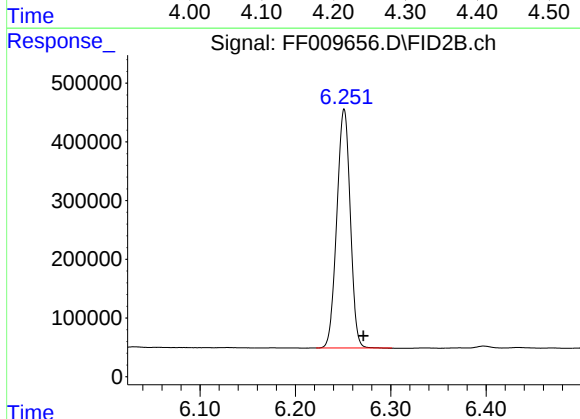
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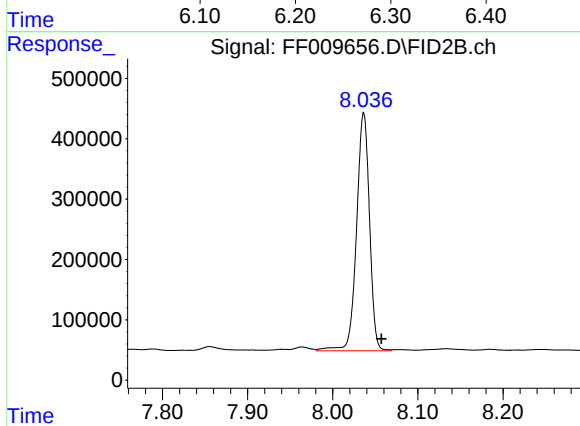
#2 N-DECANE

R.T.: 4.245 min  
Delta R.T.: -0.018 min  
Response: 3646370  
Conc: 25.57 ug/ml



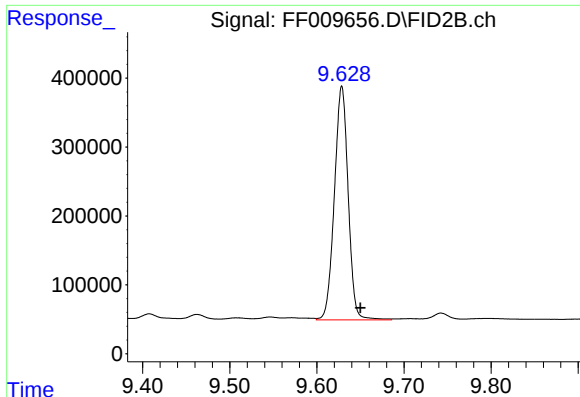
#3 N-DODECANE

R.T.: 6.251 min  
Delta R.T.: -0.020 min  
Response: 3971968  
Conc: 27.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.036 min  
Delta R.T.: -0.021 min  
Response: 4179212  
Conc: 28.74 ug/ml



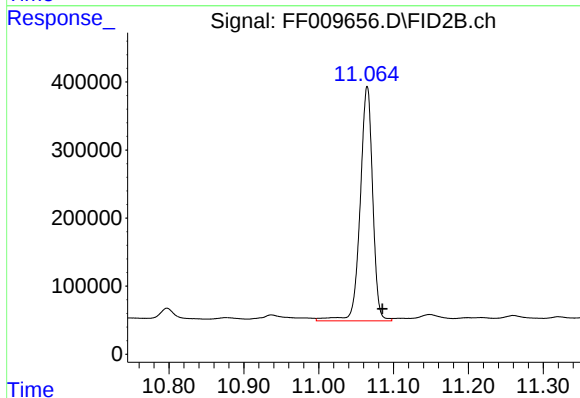
#5 N-HEXADECANE

R.T.: 9.629 min  
Delta R.T.: -0.021 min  
Response: 3733774  
Conc: 26.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
BALL-1MSD

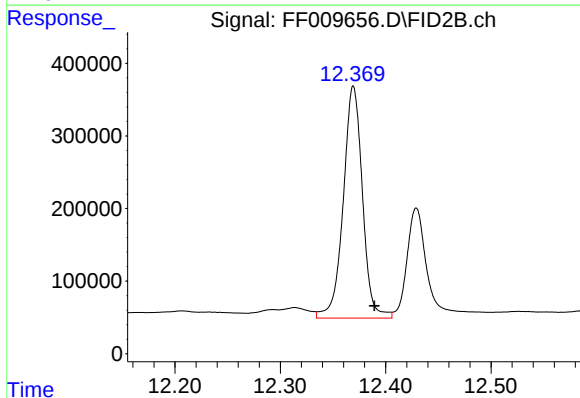
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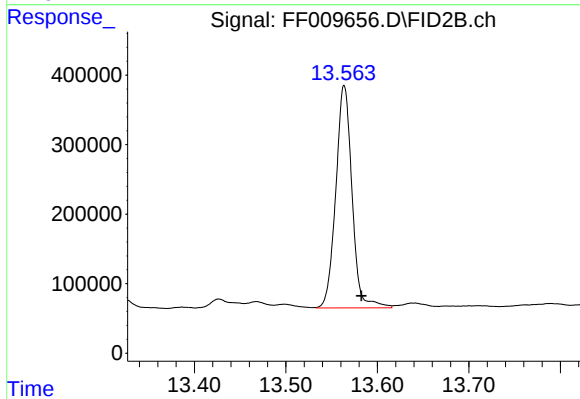
#6 N-OCTADECANE

R.T.: 11.065 min  
Delta R.T.: -0.020 min  
Response: 4006560  
Conc: 27.76 ug/ml



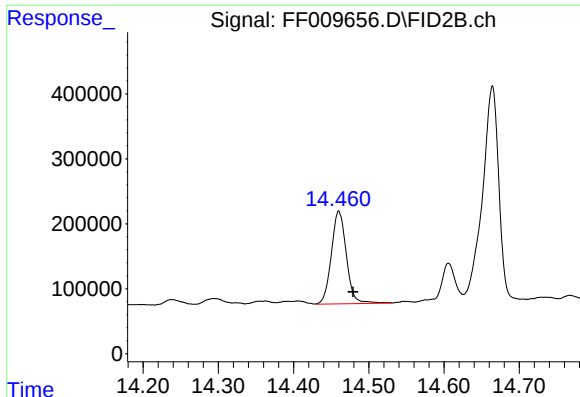
#7 N-EICOSANE

R.T.: 12.369 min  
Delta R.T.: -0.020 min  
Response: 4054099  
Conc: 28.61 ug/ml



#8 N-DOCOSANE

R.T.: 13.563 min  
Delta R.T.: -0.019 min  
Response: 3946644  
Conc: 28.96 ug/ml m



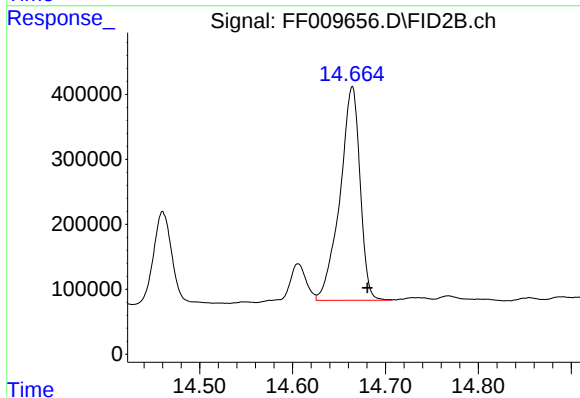
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.460 min  
Delta R.T.: -0.019 min  
Response: 1976913  
Conc: 17.07 ug/ml

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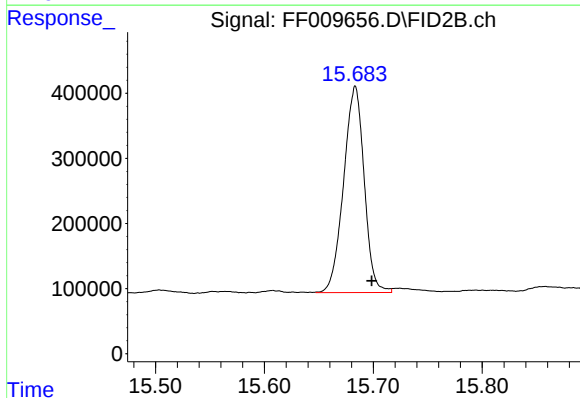
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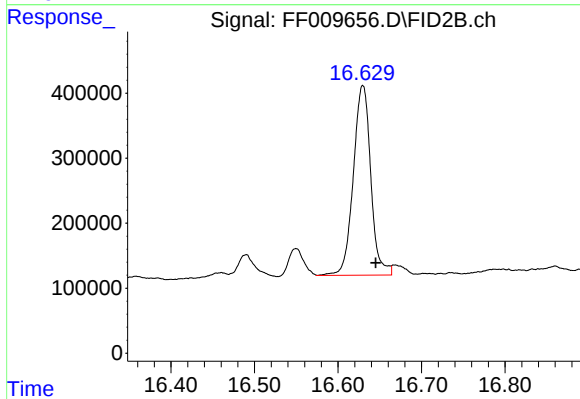
#10 N-TETRACOSANE

R.T.: 14.664 min  
Delta R.T.: -0.016 min  
Response: 4945542  
Conc: 37.56 ug/ml m



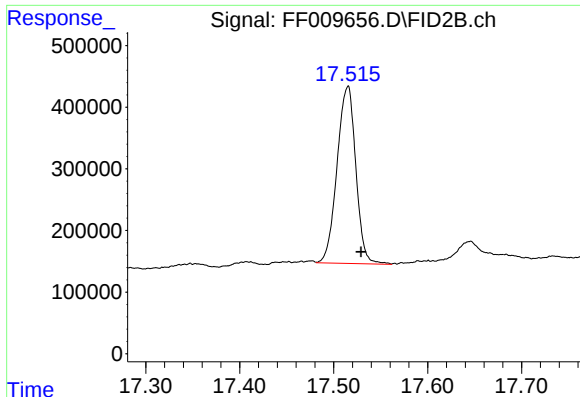
#11 N-HEXACOSANE

R.T.: 15.683 min  
Delta R.T.: -0.016 min  
Response: 4163380  
Conc: 33.31 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.629 min  
Delta R.T.: -0.016 min  
Response: 4250831  
Conc: 35.70 ug/ml m



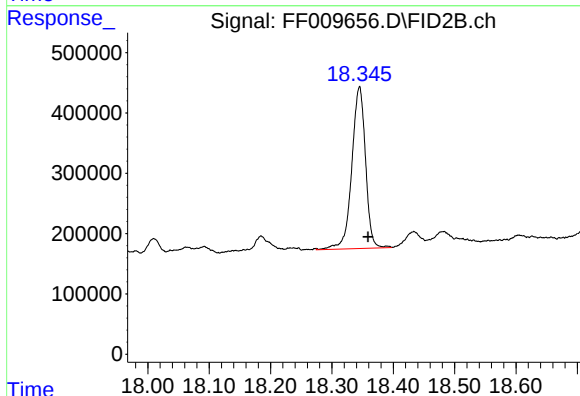
#13 N-TRIACONTANE

R.T.: 17.515 min  
Delta R.T.: -0.014 min  
Response: 3990811  
Conc: 34.84 ug/ml

Instrument :  
FID\_F  
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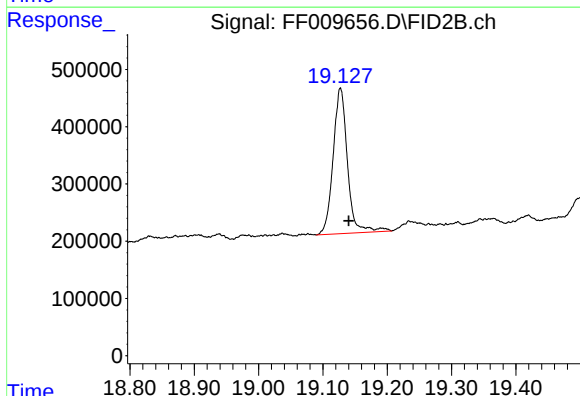
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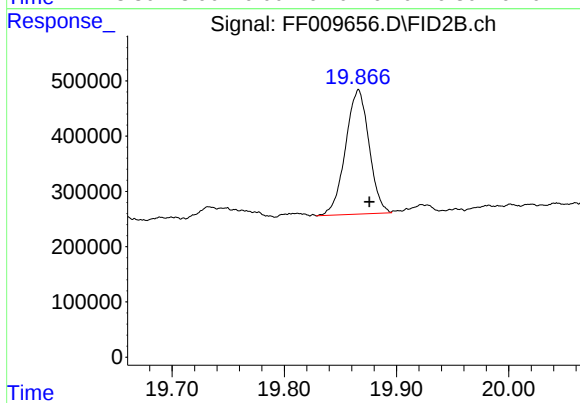
#14 N-DOTRIACONTANE

R.T.: 18.345 min  
Delta R.T.: -0.014 min  
Response: 4168561  
Conc: 38.14 ug/ml m



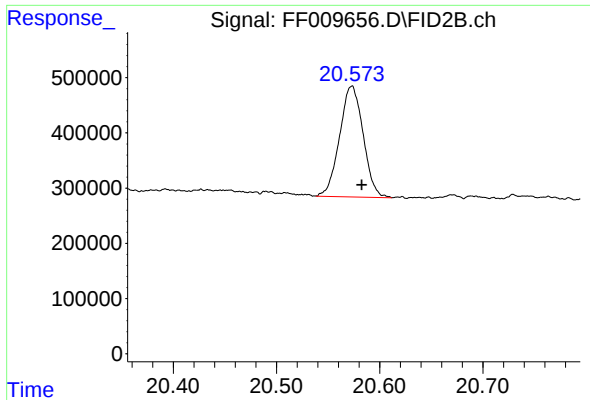
#15 N-TETRATRIACONTANE

R.T.: 19.127 min  
Delta R.T.: -0.013 min  
Response: 3946701  
Conc: 37.26 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.866 min  
Delta R.T.: -0.010 min  
Response: 3277535  
Conc: 32.72 ug/ml m



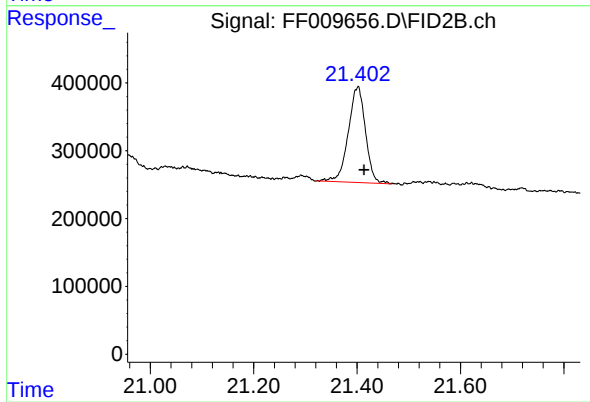
#17 N-OCTATRIACONTANE

R.T.: 20.573 min  
Delta R.T.: -0.009 min  
Response: 3187861  
Conc: 32.46 ug/ml

Instrument :  
FID\_F  
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#18 N-TETRACONTANE

R.T.: 21.402 min  
Delta R.T.: -0.012 min  
Response: 3258401  
Conc: 32.26 ug/ml m