

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030922\  
 Data File : FE035263.D  
 Signal(s) : FID1B.CH  
 Acq On : 09 Mar 2022 12:27  
 Operator : YP\AJ  
 Sample : 10 TRPH STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/10/2022  
 Supervised By :Ankita Jodhani 03/10/2022

Integration File: autoint1.e  
 Quant Time: Mar 09 12:57:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE030922.M  
 Quant Title :  
 QLast Update : Wed Mar 09 12:28:20 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.444 | 919679   | 10.458 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.186  | 1137085  | 10.118 ug/ml |
| 2) N-DECANE                   | 4.236  | 1110287  | 9.896 ug/mlm |
| 3) N-DODECANE                 | 6.243  | 1081446  | 9.747 ug/mlm |
| 4) N-TETRADECANE              | 8.028  | 1144616  | 10.172 ug/ml |
| 5) N-HEXADECANE               | 9.620  | 1129370  | 10.230 ug/ml |
| 6) N-OCTADECANE               | 11.055 | 1130487  | 10.207 ug/ml |
| 7) N-EICOSANE                 | 12.358 | 1077570  | 10.227 ug/ml |
| 8) N-DOCOSANE                 | 13.549 | 1047648  | 10.278 ug/ml |
| 10) N-TETRACOSANE             | 14.645 | 1010054  | 10.237 ug/ml |
| 11) N-HEXACOSANE              | 15.663 | 968596   | 10.198 ug/ml |
| 12) N-OCTACOSANE              | 16.607 | 930130   | 10.168 ug/ml |
| 13) N-TRIACONTANE             | 17.489 | 901349   | 10.232 ug/ml |
| 14) N-DOTRIACONTANE           | 18.318 | 876773   | 10.285 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.098 | 851803   | 10.180 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.834 | 777928   | 9.989 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.537 | 695569   | 9.855 ug/ml  |
| 18) N-TETRACONTANE            | 21.349 | 665564   | 9.702 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 10 TRPH STD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

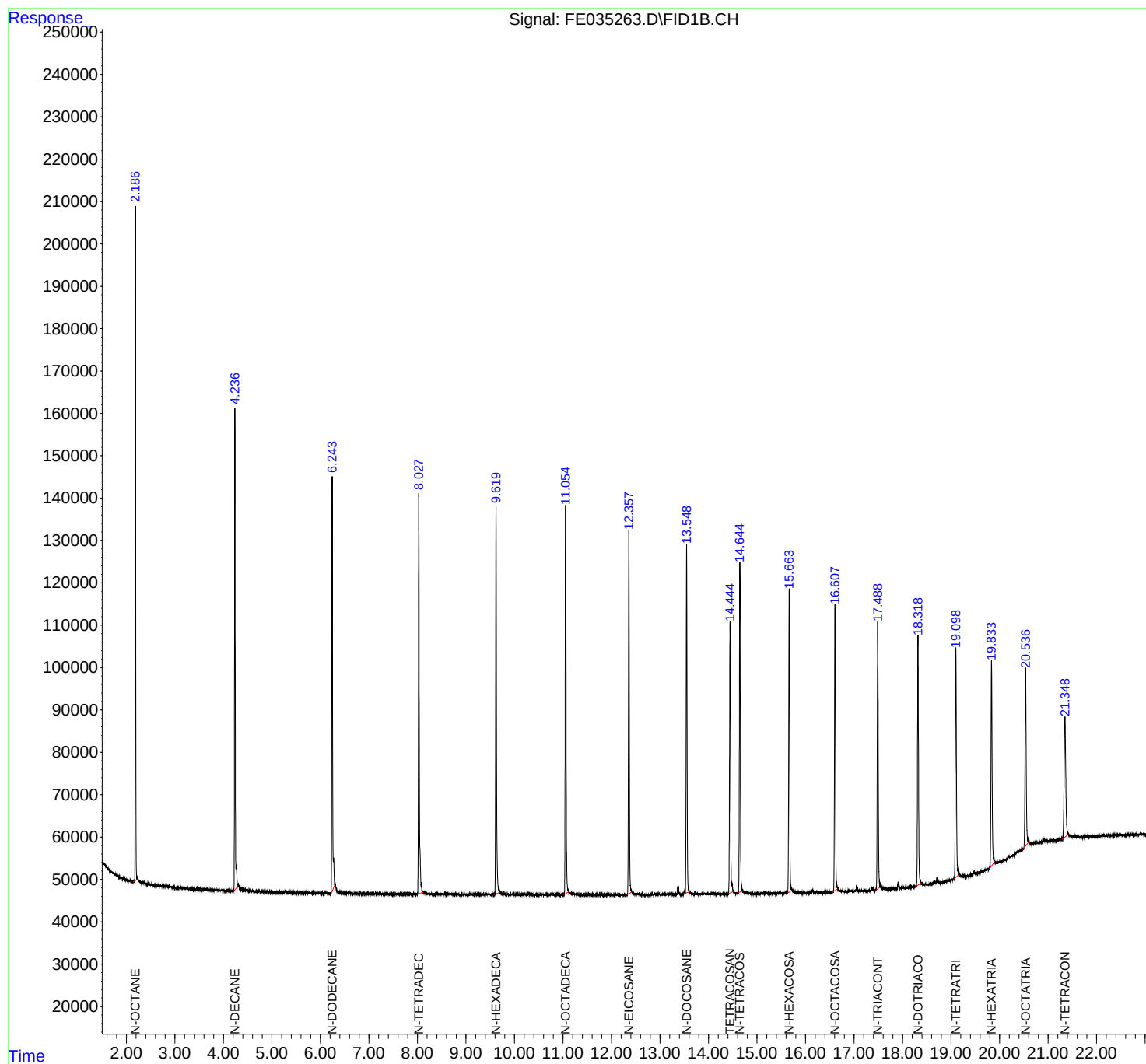
Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

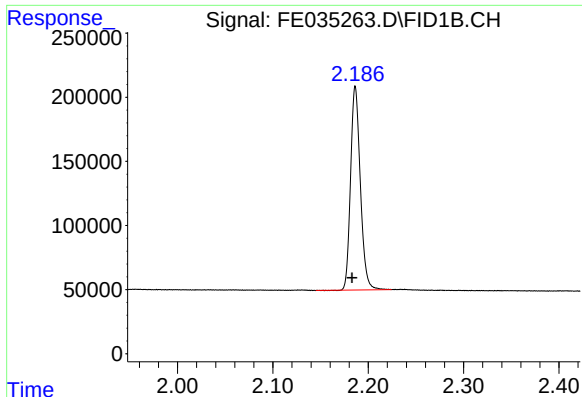
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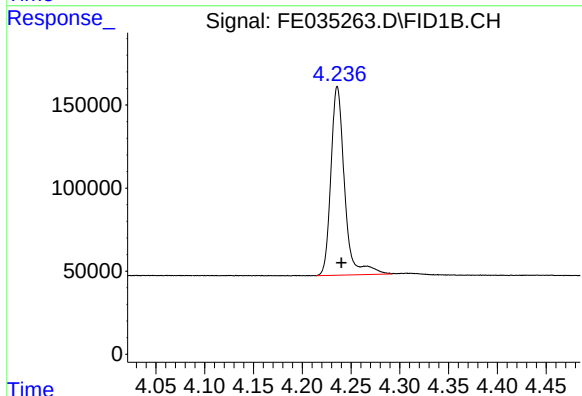
#1 N-OCTANE

R.T.: 2.186 min  
Delta R.T.: 0.003 min  
Response: 1137085  
Conc: 10.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

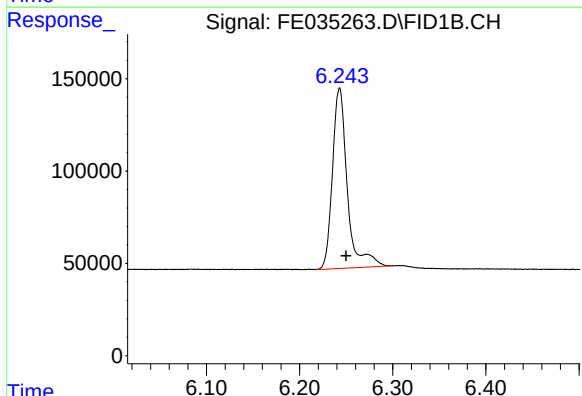
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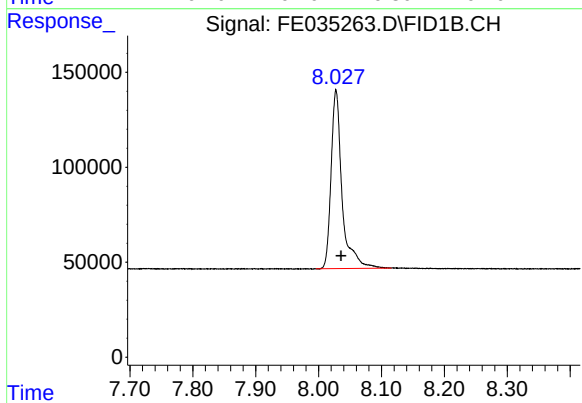
#2 N-DECANE

R.T.: 4.236 min  
Delta R.T.: -0.005 min  
Response: 1110287  
Conc: 9.90 ug/ml m



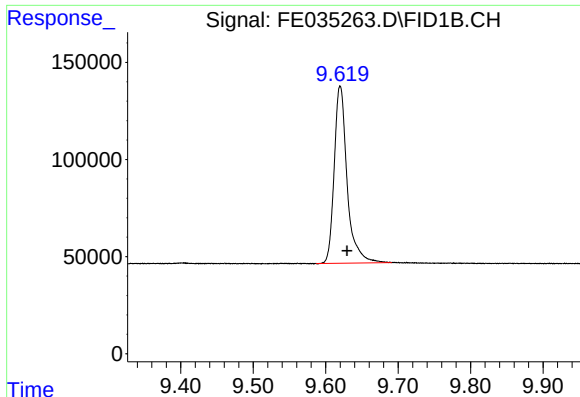
#3 N-DODECANE

R.T.: 6.243 min  
Delta R.T.: -0.007 min  
Response: 1081446  
Conc: 9.75 ug/ml m



#4 N-TETRADECANE

R.T.: 8.028 min  
Delta R.T.: -0.008 min  
Response: 1144616  
Conc: 10.17 ug/ml



#5 N-HEXADECANE

R.T.: 9.620 min  
Delta R.T.: -0.009 min  
Response: 1129370  
Conc: 10.23 ug/ml

Instrument :

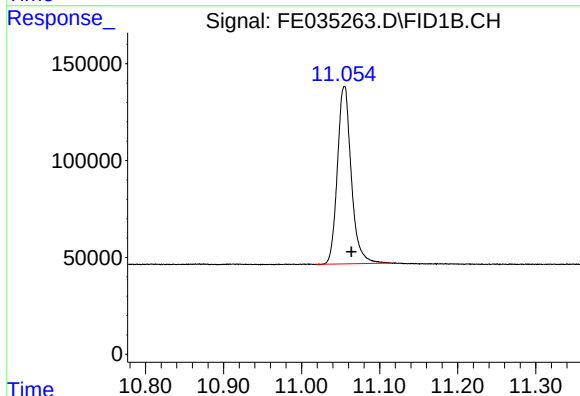
FID\_E

ClientSampleId :

10 TRPH STD

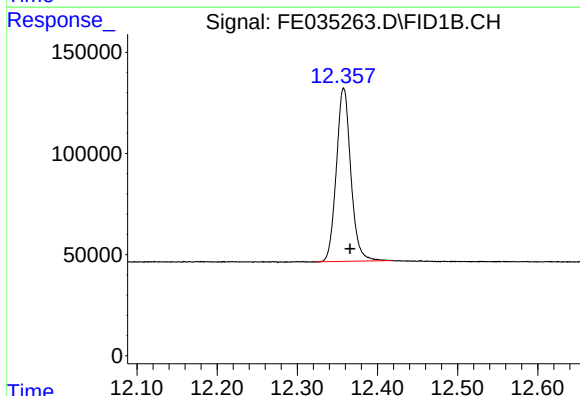
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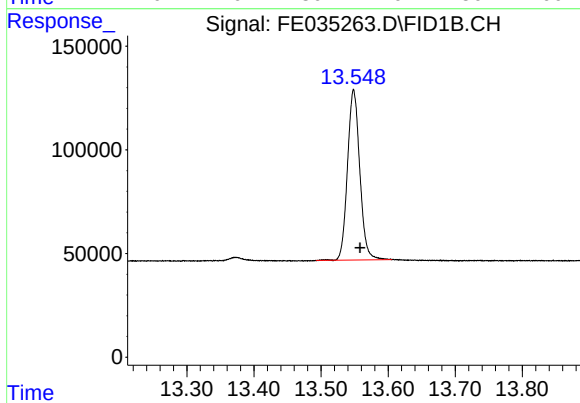
#6 N-OCTADECANE

R.T.: 11.055 min  
Delta R.T.: -0.009 min  
Response: 1130487  
Conc: 10.21 ug/ml



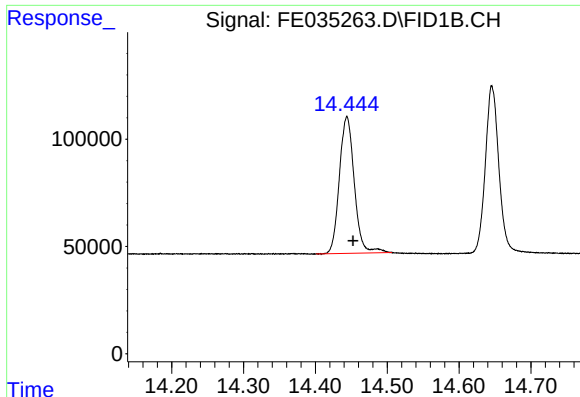
#7 N-EICOSANE

R.T.: 12.358 min  
Delta R.T.: -0.008 min  
Response: 1077570  
Conc: 10.23 ug/ml



#8 N-DOCOSANE

R.T.: 13.549 min  
Delta R.T.: -0.010 min  
Response: 1047648  
Conc: 10.28 ug/ml



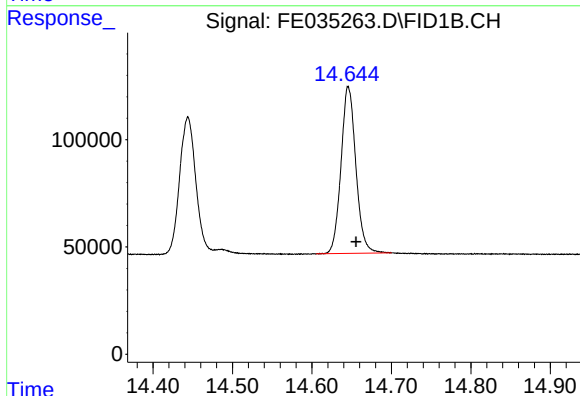
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.444 min  
Delta R.T.: -0.008 min  
Response: 919679  
Conc: 10.46 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

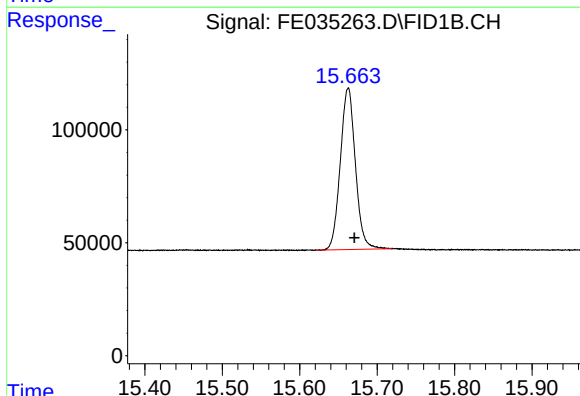
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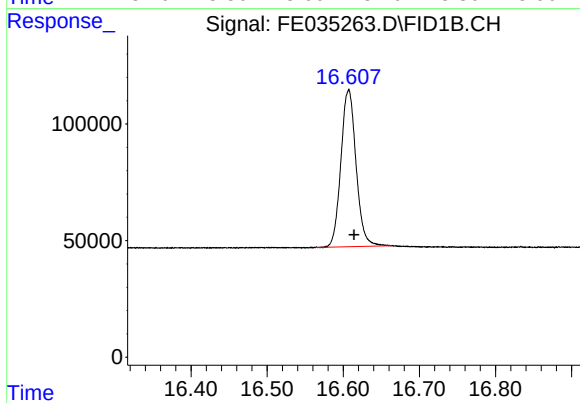
#10 N-TETRACOSANE

R.T.: 14.645 min  
Delta R.T.: -0.010 min  
Response: 1010054  
Conc: 10.24 ug/ml



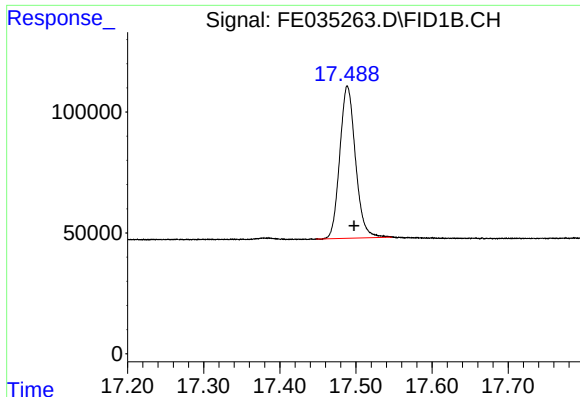
#11 N-HEXACOSANE

R.T.: 15.663 min  
Delta R.T.: -0.008 min  
Response: 968596  
Conc: 10.20 ug/ml



#12 N-OCTACOSANE

R.T.: 16.607 min  
Delta R.T.: -0.007 min  
Response: 930130  
Conc: 10.17 ug/ml



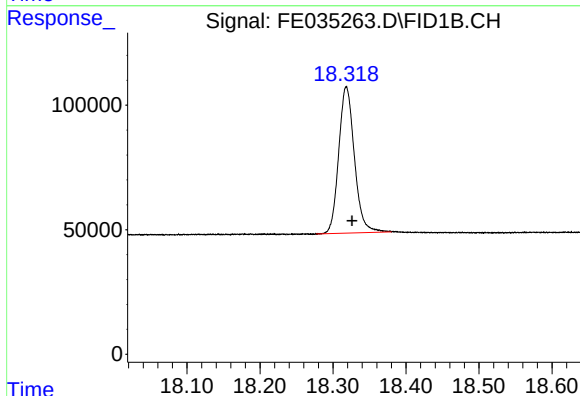
#13 N-TRIACONTANE

R.T.: 17.489 min  
Delta R.T.: -0.009 min  
Response: 901349  
Conc: 10.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

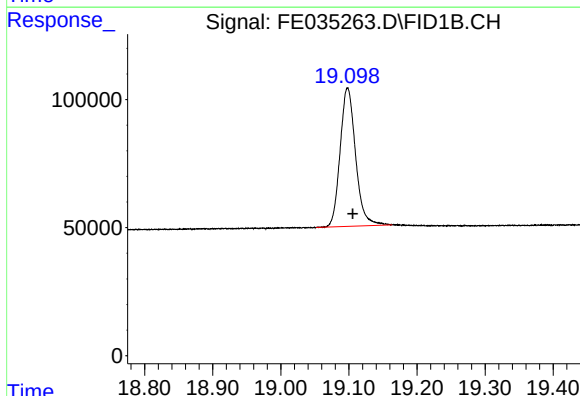
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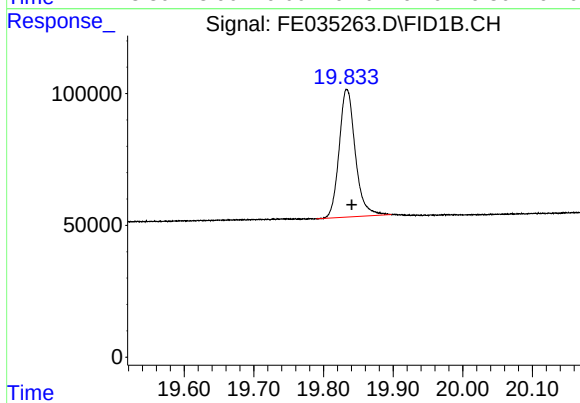
#14 N-DOTRIACONTANE

R.T.: 18.318 min  
Delta R.T.: -0.008 min  
Response: 876773  
Conc: 10.29 ug/ml



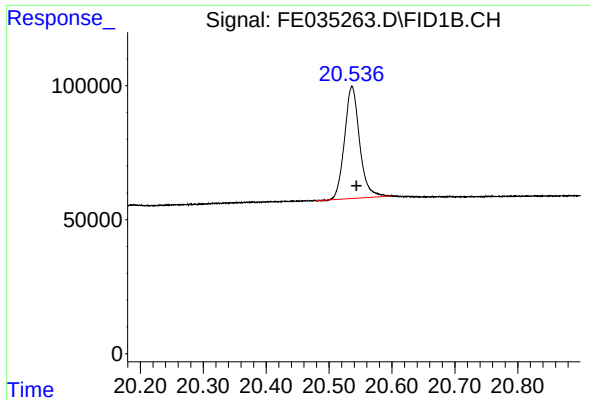
#15 N-TETRATRIACONTANE

R.T.: 19.098 min  
Delta R.T.: -0.007 min  
Response: 851803  
Conc: 10.18 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.834 min  
Delta R.T.: -0.007 min  
Response: 777928  
Conc: 9.99 ug/ml



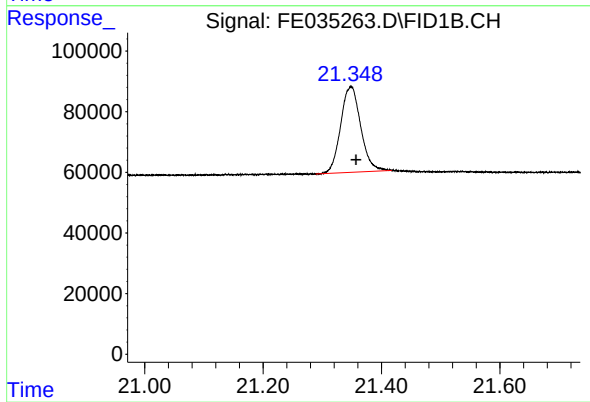
#17 N-OCTATRIACONTANE

R.T.: 20.537 min  
Delta R.T.: -0.007 min  
Response: 695569  
Conc: 9.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.349 min  
Delta R.T.: -0.008 min  
Response: 665564  
Conc: 9.70 ug/ml