

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050924\  
 Data File : FE048052.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 May 2024 18:19  
 Operator : YP\AJ  
 Sample : 10 TRPH STD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024  
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e  
 Quant Time: May 10 11:45:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050924.M  
 Quant Title :  
 QLast Update : Fri May 10 11:42:50 2024  
 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... | 15.051 | 1232520  | 11.229 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.078  | 1516354  | 11.374 ug/ml |
| 2) N-DECANE                   | 4.599  | 1484736  | 11.252 ug/ml |
| 3) N-DODECANE                 | 6.765  | 1465159  | 11.197 ug/ml |
| 4) N-TETRADECANE              | 8.593  | 1454962  | 11.281 ug/ml |
| 5) N-HEXADECANE               | 10.200 | 1430570  | 11.113 ug/ml |
| 6) N-OCTADECANE               | 11.644 | 1441508  | 11.118 ug/ml |
| 7) N-EICOSANE                 | 12.953 | 1461767  | 11.202 ug/ml |
| 8) N-DOCOSANE                 | 14.152 | 1412225  | 11.264 ug/ml |
| 10) N-TETRACOSANE             | 15.253 | 1403817  | 11.288 ug/ml |
| 11) N-HEXACOSANE              | 16.274 | 1394141  | 11.274 ug/ml |
| 12) N-OCTACOSANE              | 17.224 | 1390041  | 11.342 ug/ml |
| 13) N-TRIACONTANE             | 18.112 | 1421851  | 11.325 ug/ml |
| 14) N-DOTRIACONTANE           | 18.943 | 1618450  | 12.268 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.726 | 1455685  | 11.403 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.466 | 1374899  | 10.855 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.204 | 1445376  | 12.164 ug/ml |
| 18) N-TETRACONTANE            | 22.132 | 1374837  | 11.692 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 09 May 2024 18:19  
Operator : YP\AJ  
Sample : 10 TRPH STD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

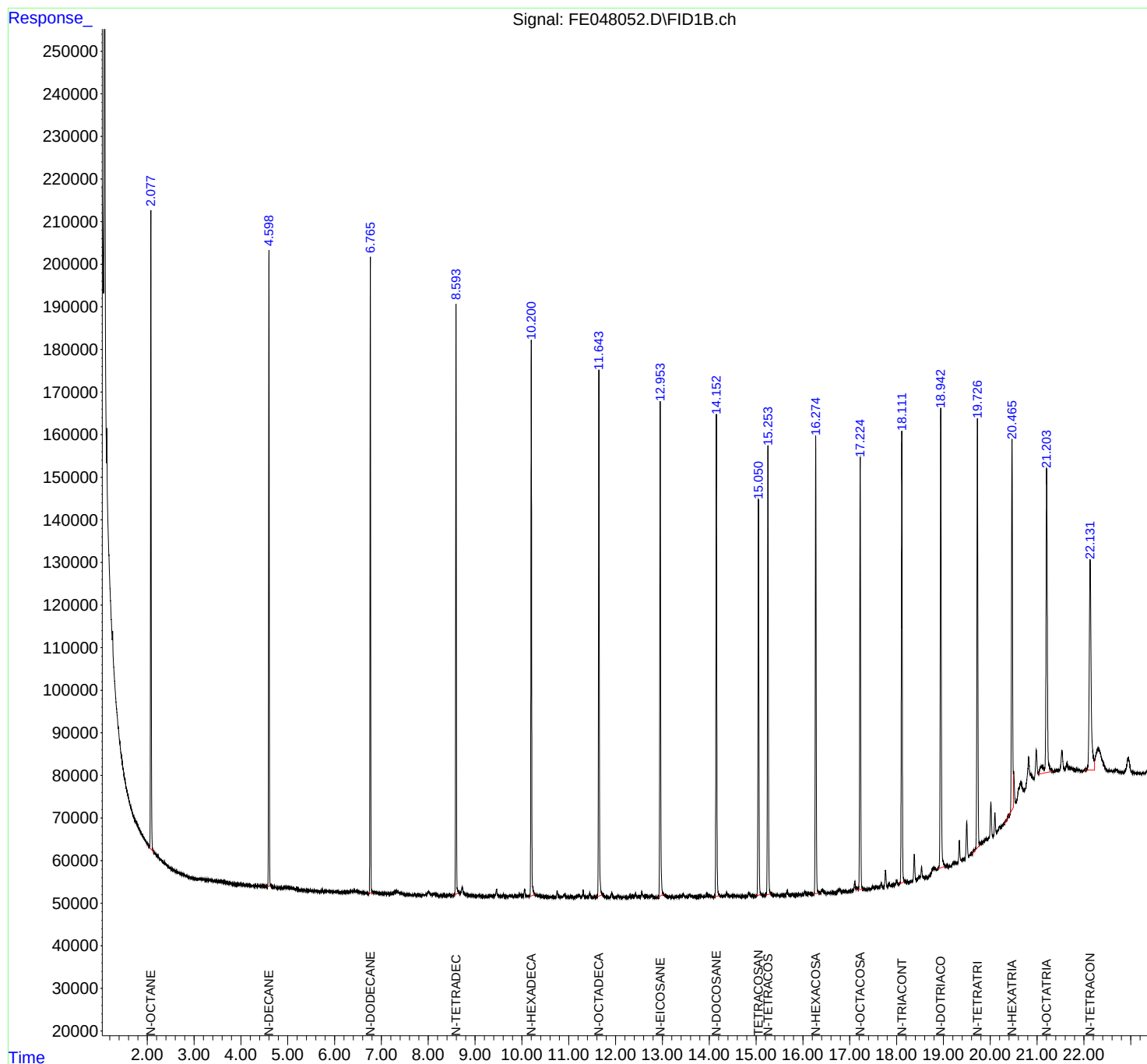
Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

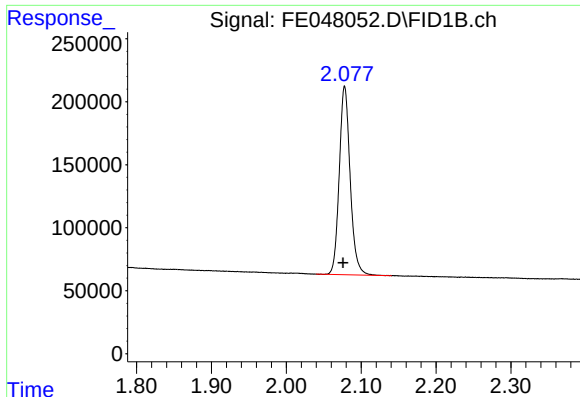
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Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





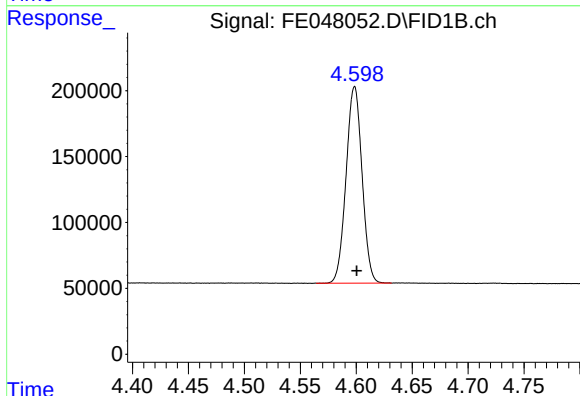
#1 N-OCTANE

R.T.: 2.078 min  
Delta R.T.: 0.002 min  
Response: 1516354  
Conc: 11.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

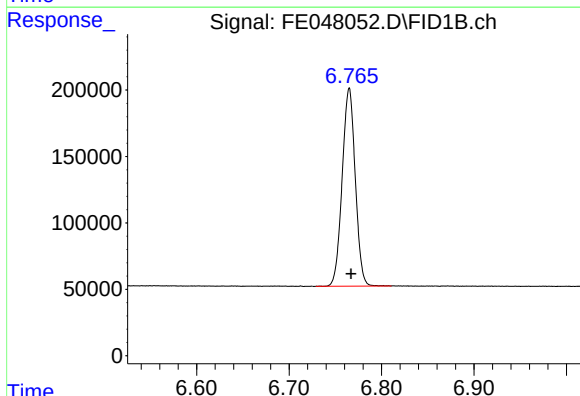
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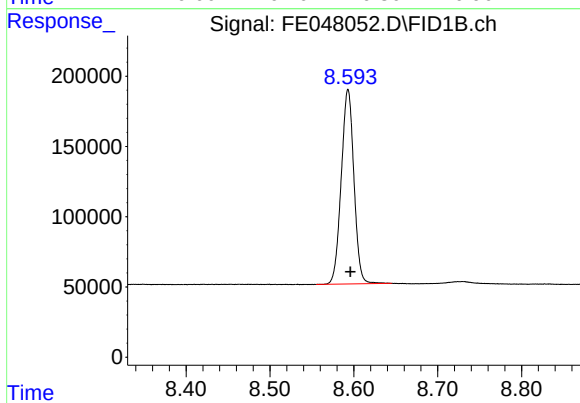
#2 N-DECANE

R.T.: 4.599 min  
Delta R.T.: -0.002 min  
Response: 1484736  
Conc: 11.25 ug/ml



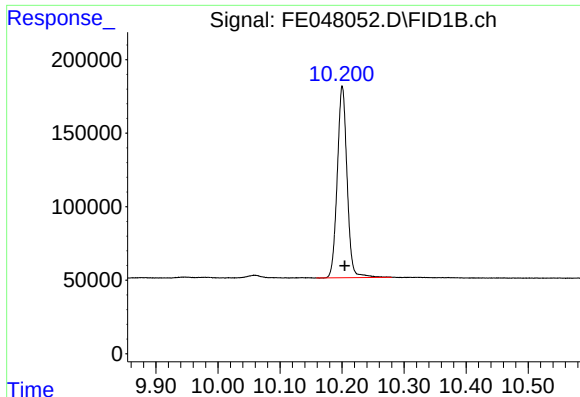
#3 N-DODECANE

R.T.: 6.765 min  
Delta R.T.: -0.002 min  
Response: 1465159  
Conc: 11.20 ug/ml



#4 N-TETRADECANE

R.T.: 8.593 min  
Delta R.T.: -0.003 min  
Response: 1454962  
Conc: 11.28 ug/ml



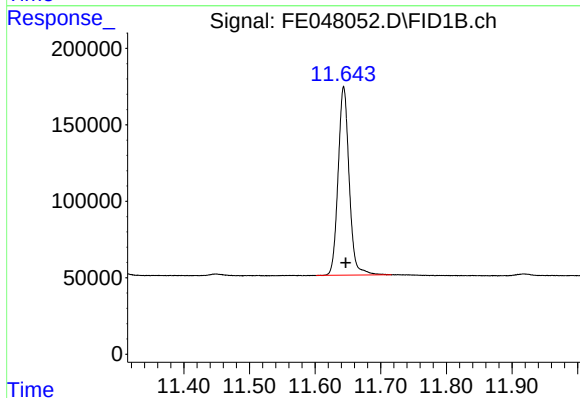
#5 N-HEXADECANE

R.T.: 10.200 min  
Delta R.T.: -0.004 min  
Response: 1430570  
Conc: 11.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

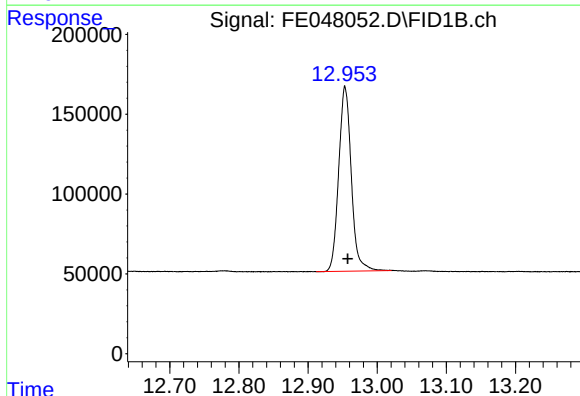
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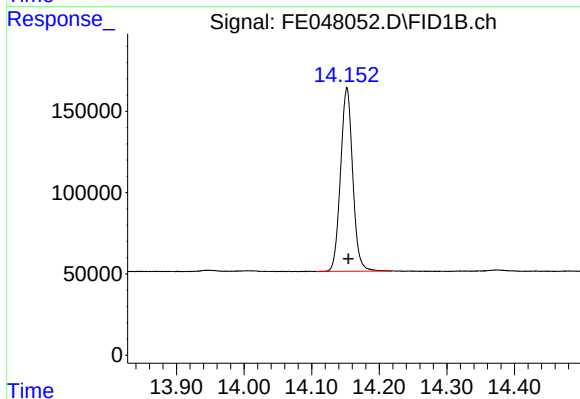
#6 N-OCTADECANE

R.T.: 11.644 min  
Delta R.T.: -0.003 min  
Response: 1441508  
Conc: 11.12 ug/ml



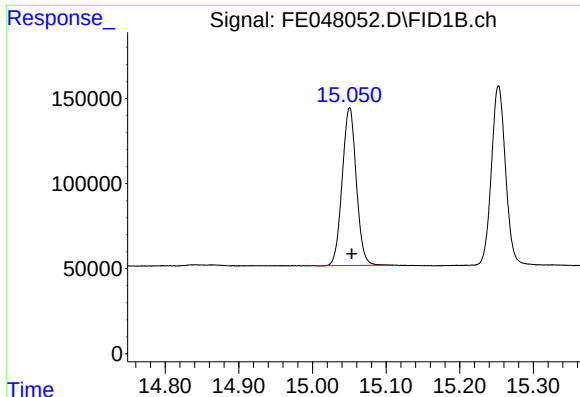
#7 N-EICOSANE

R.T.: 12.953 min  
Delta R.T.: -0.004 min  
Response: 1461767  
Conc: 11.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.152 min  
Delta R.T.: -0.002 min  
Response: 1412225  
Conc: 11.26 ug/ml



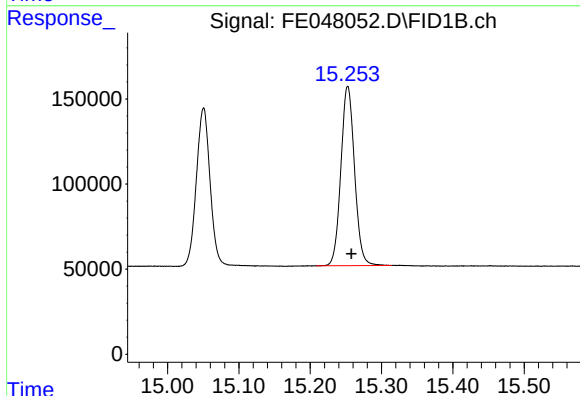
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.051 min  
Delta R.T.: -0.003 min  
Response: 1232520  
Conc: 11.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

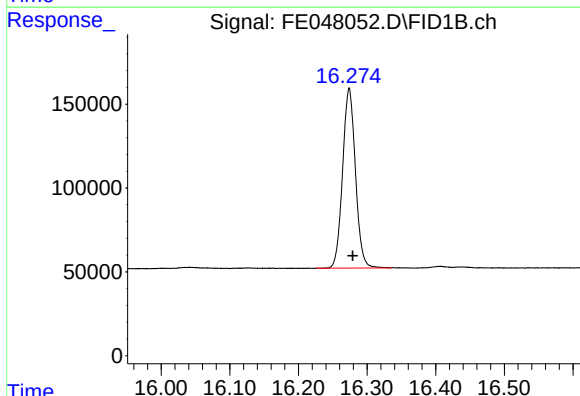
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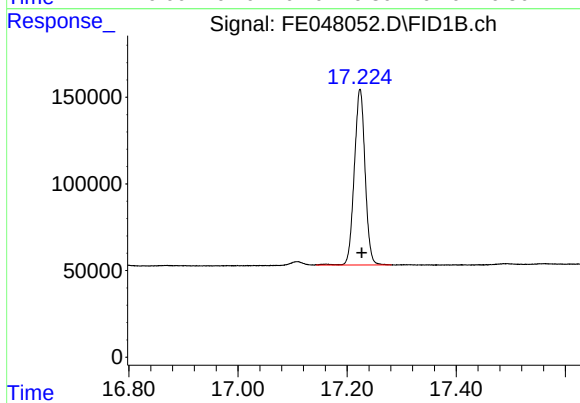
#10 N-TETRACOSANE

R.T.: 15.253 min  
Delta R.T.: -0.005 min  
Response: 1403817  
Conc: 11.29 ug/ml



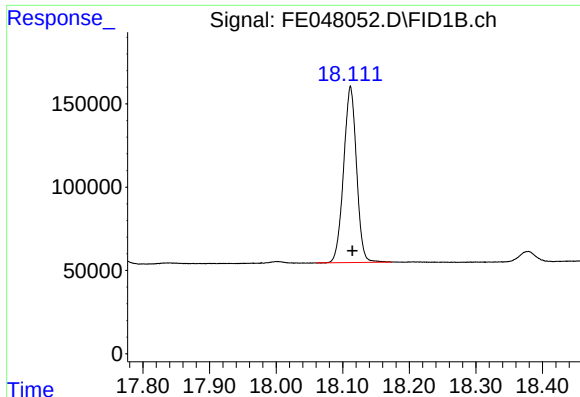
#11 N-HEXACOSANE

R.T.: 16.274 min  
Delta R.T.: -0.005 min  
Response: 1394141  
Conc: 11.27 ug/ml



#12 N-OCTACOSANE

R.T.: 17.224 min  
Delta R.T.: -0.003 min  
Response: 1390041  
Conc: 11.34 ug/ml



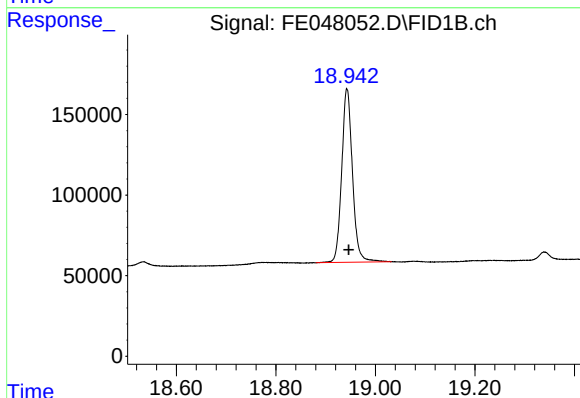
#13 N-TRIACONTANE

R.T.: 18.112 min  
Delta R.T.: -0.003 min  
Response: 1421851  
Conc: 11.33 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

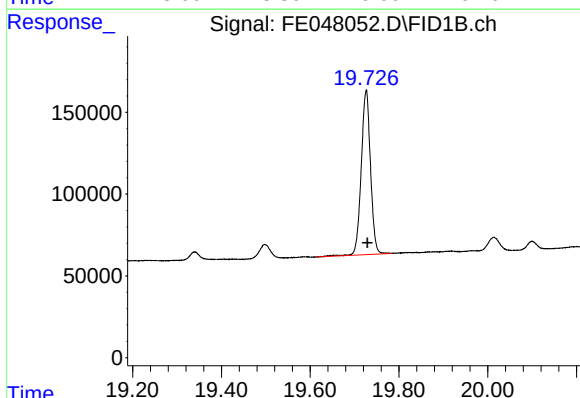
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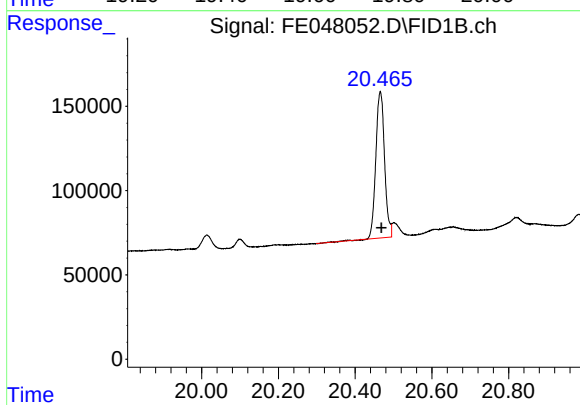
#14 N-DOTRIACONTANE

R.T.: 18.943 min  
Delta R.T.: -0.003 min  
Response: 1618450  
Conc: 12.27 ug/ml



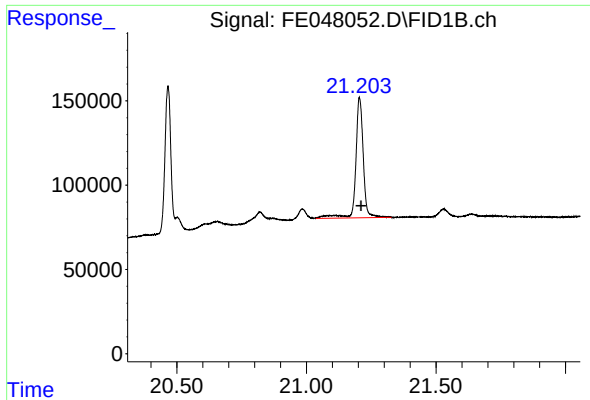
#15 N-TETRATRIACONTANE

R.T.: 19.726 min  
Delta R.T.: -0.002 min  
Response: 1455685  
Conc: 11.40 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.466 min  
Delta R.T.: -0.003 min  
Response: 1374899  
Conc: 10.86 ug/ml



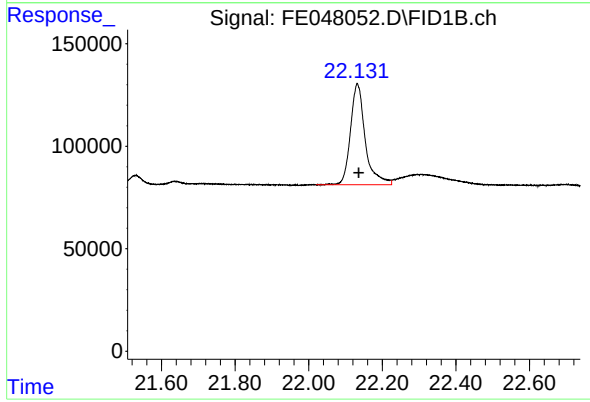
#17 N-OCTATRIACONTANE

R.T.: 21.204 min  
Delta R.T.: -0.006 min  
Response: 1445376  
Conc: 12.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 TRPH STD

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#18 N-TETRACONTANE

R.T.: 22.132 min  
Delta R.T.: -0.004 min  
Response: 1374837  
Conc: 11.69 ug/ml