

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG020720\  
 Data File : FG006637.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Feb 2020 17:21  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
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 2/10/2020 11:41:09 AM

Integration File: autoint1.e  
 Quant Time: Feb 07 23:30:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG012820.M  
 Quant Title :  
 QLast Update : Wed Jan 29 08:10:21 2020  
 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... | 14.609 | 4324753  | 46.120 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.599  | 4694663  | 52.600 ug/ml  |
| 2) N-DECANE                   | 4.654  | 5067206  | 54.328 ug/ml  |
| 3) N-DODECANE                 | 6.610  | 5239247  | 53.681 ug/ml  |
| 4) N-TETRADECANE              | 8.346  | 5264024  | 51.830 ug/ml  |
| 5) N-HEXADECANE               | 9.896  | 5291102  | 49.849 ug/ml  |
| 6) N-OCTADECANE               | 11.294 | 5186640  | 48.305 ug/ml  |
| 7) N-EICOSANE                 | 12.567 | 5150329  | 47.084 ug/ml  |
| 8) N-DOCOSANE                 | 13.734 | 5046883  | 46.487 ug/ml  |
| 10) N-TETRACOSANE             | 14.808 | 4994636  | 46.254 ug/ml  |
| 11) N-HEXACOSANE              | 15.802 | 4989946  | 46.331 ug/ml  |
| 12) N-OCTACOSANE              | 16.728 | 5065273  | 45.283 ug/ml  |
| 13) N-TRIACONTANE             | 17.592 | 5123353  | 43.173 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.400 | 5034248  | 46.082 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.163 | 4439560  | 42.838 ug/mlm |
| 16) N-HEXATRIACONTANE         | 19.880 | 4965837  | 50.734 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.572 | 3924363  | 43.547 ug/ml  |
| 18) N-TETRACONTANE            | 21.376 | 4027187  | 45.326 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

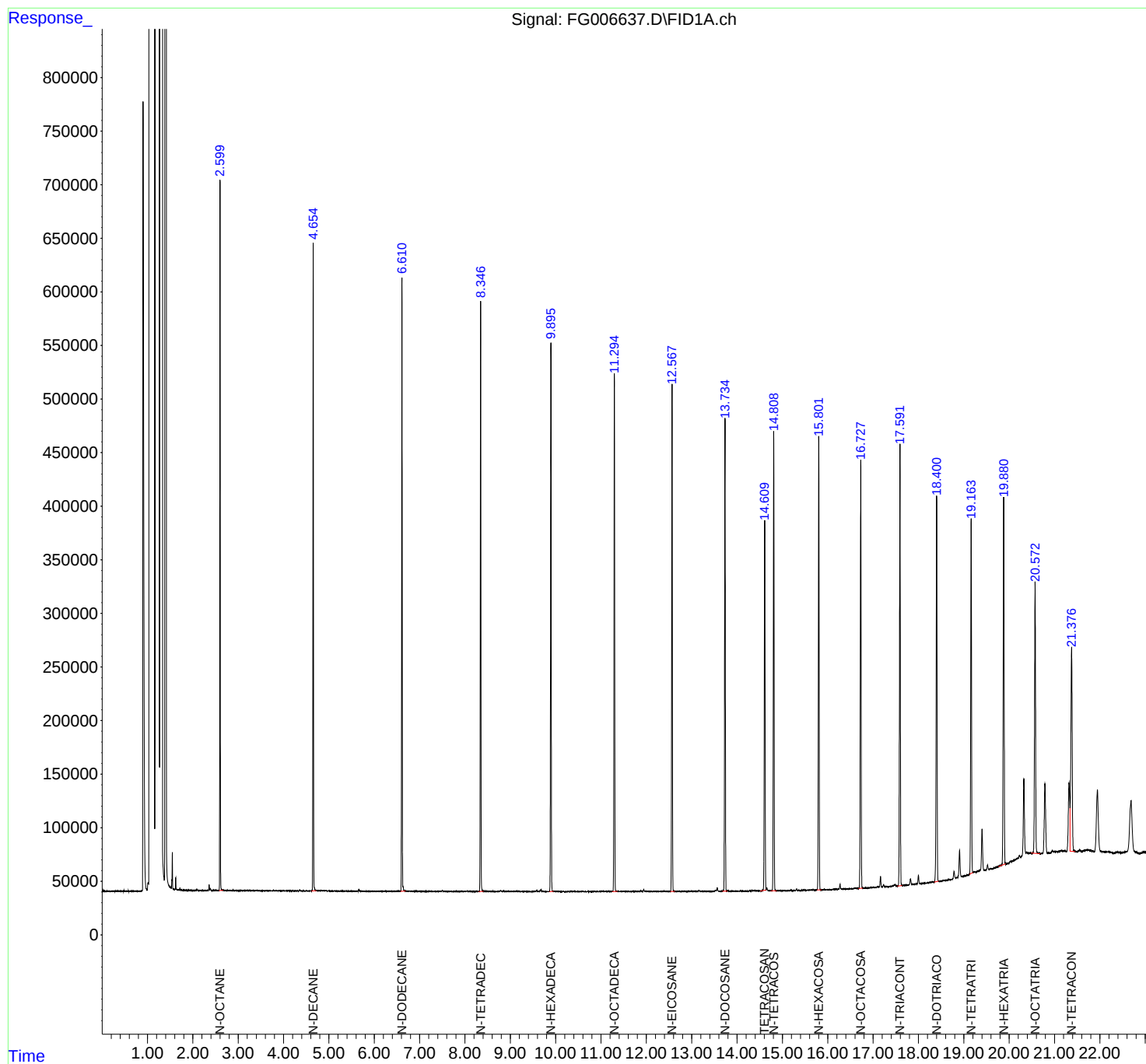
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

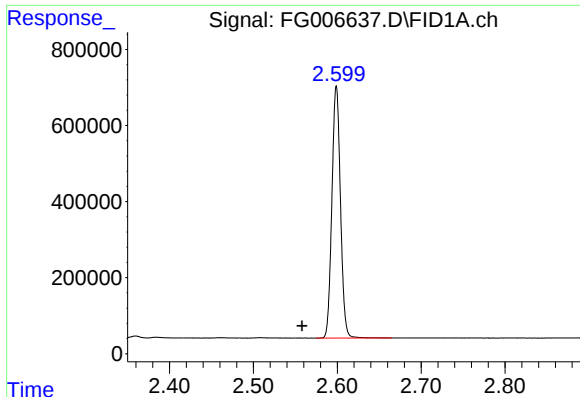
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Integrator: ChemStation

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





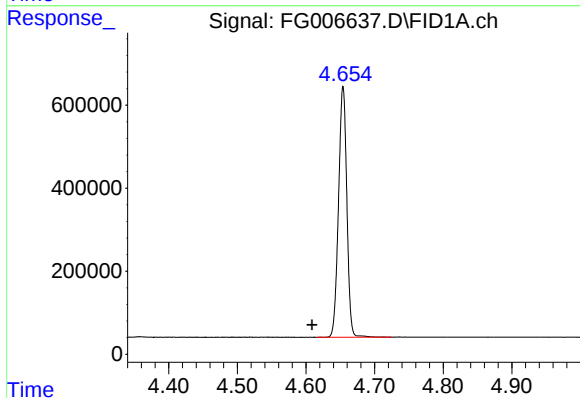
#1 N-OCTANE

R.T.: 2.599 min  
Delta R.T.: 0.041 min  
Response: 4694663  
Conc: 52.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

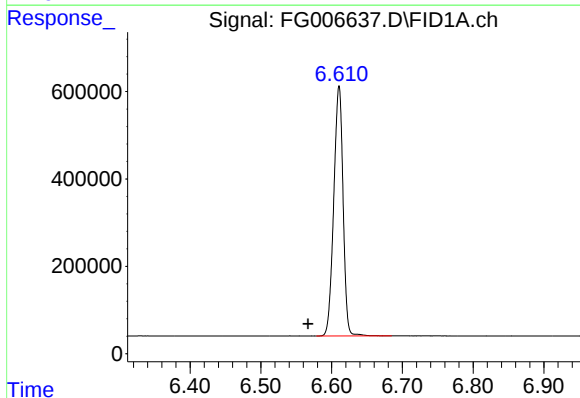
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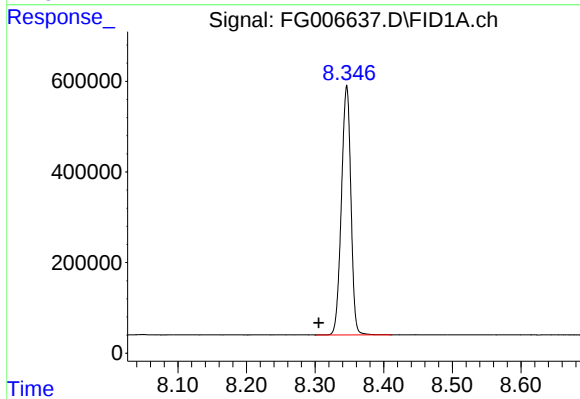
#2 N-DECANE

R.T.: 4.654 min  
Delta R.T.: 0.045 min  
Response: 5067206  
Conc: 54.33 ug/ml



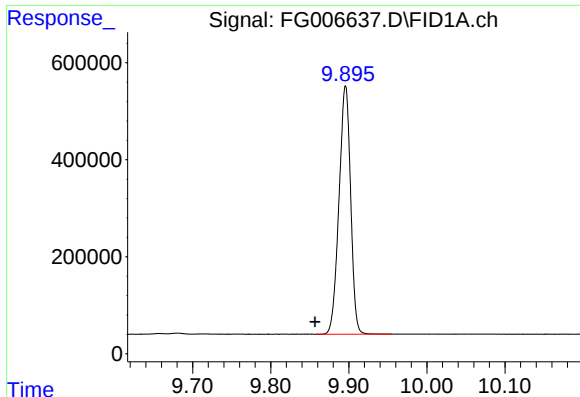
#3 N-DODECANE

R.T.: 6.610 min  
Delta R.T.: 0.044 min  
Response: 5239247  
Conc: 53.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.346 min  
Delta R.T.: 0.040 min  
Response: 5264024  
Conc: 51.83 ug/ml



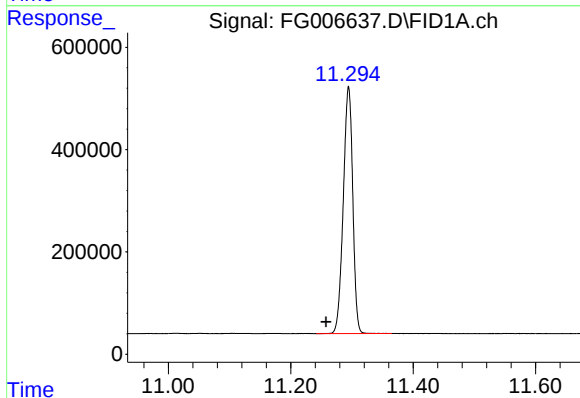
#5 N-HEXADECANE

R.T.: 9.896 min  
Delta R.T.: 0.039 min  
Response: 5291102  
Conc: 49.85 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

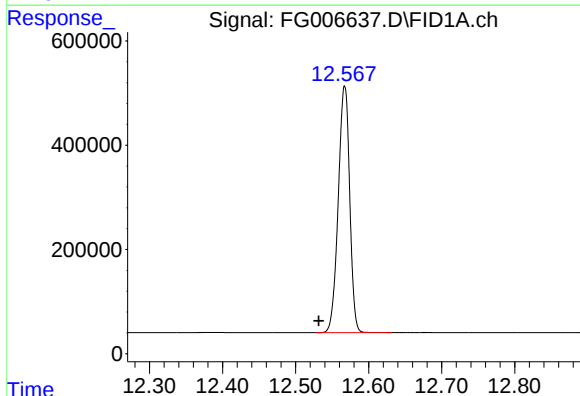
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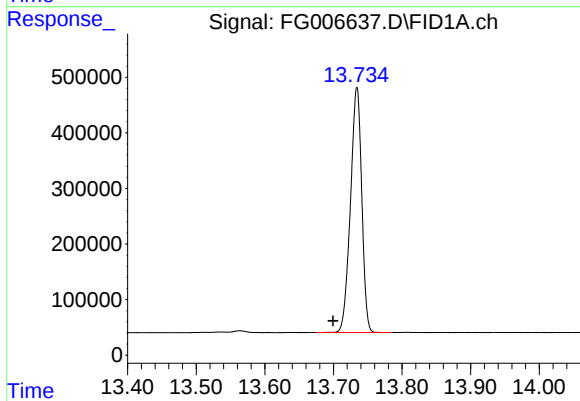
#6 N-OCTADECANE

R.T.: 11.294 min  
Delta R.T.: 0.037 min  
Response: 5186640  
Conc: 48.30 ug/ml



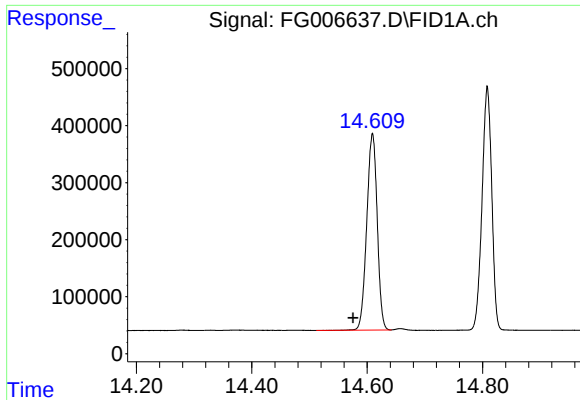
#7 N-EICOSANE

R.T.: 12.567 min  
Delta R.T.: 0.035 min  
Response: 5150329  
Conc: 47.08 ug/ml



#8 N-DOCOSANE

R.T.: 13.734 min  
Delta R.T.: 0.035 min  
Response: 5046883  
Conc: 46.49 ug/ml



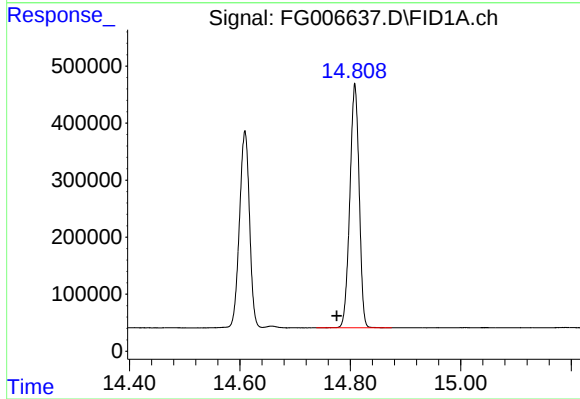
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.609 min  
Delta R.T.: 0.033 min  
Response: 4324753  
Conc: 46.12 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

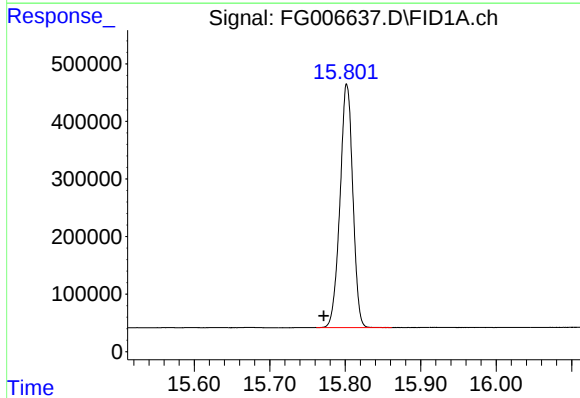
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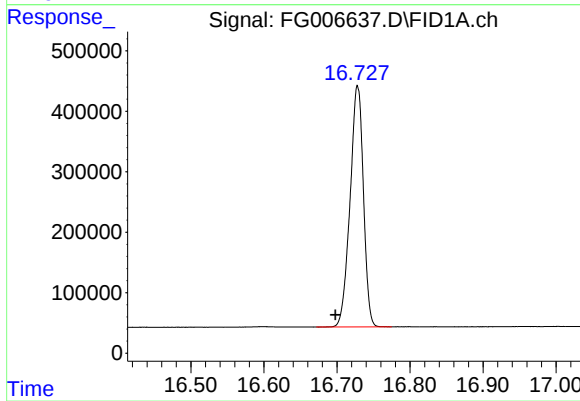
#10 N-TETRACOSANE

R.T.: 14.808 min  
Delta R.T.: 0.033 min  
Response: 4994636  
Conc: 46.25 ug/ml



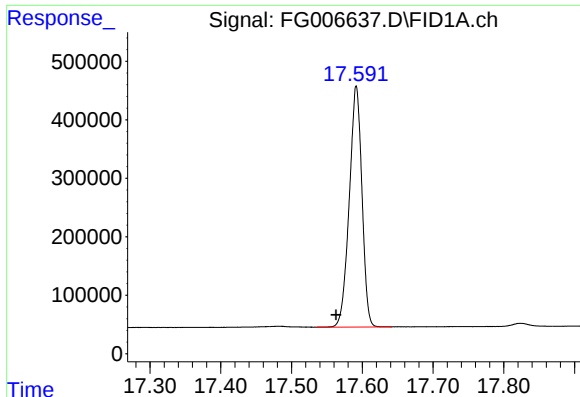
#11 N-HEXACOSANE

R.T.: 15.802 min  
Delta R.T.: 0.031 min  
Response: 4989946  
Conc: 46.33 ug/ml



#12 N-OCTACOSANE

R.T.: 16.728 min  
Delta R.T.: 0.030 min  
Response: 5065273  
Conc: 45.28 ug/ml



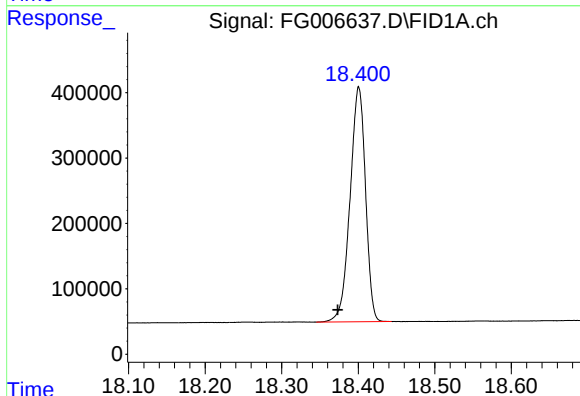
#13 N-TRIACONTANE

R.T.: 17.592 min  
Delta R.T.: 0.029 min  
Response: 5123353  
Conc: 43.17 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

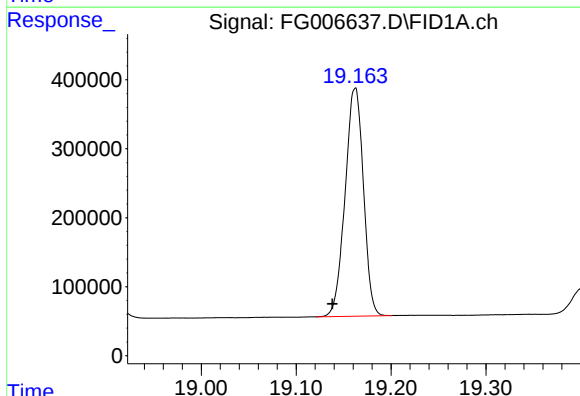
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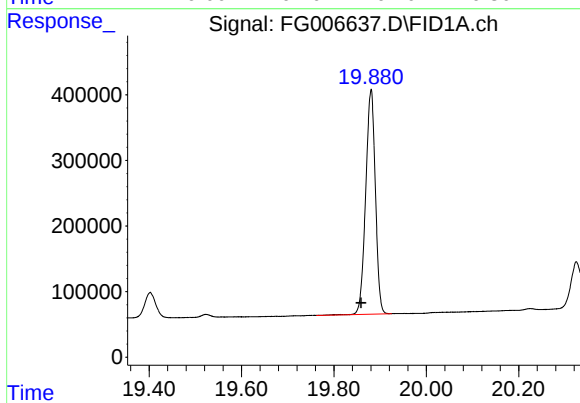
#14 N-DOTRIACONTANE

R.T.: 18.400 min  
Delta R.T.: 0.026 min  
Response: 5034248  
Conc: 46.08 ug/ml m



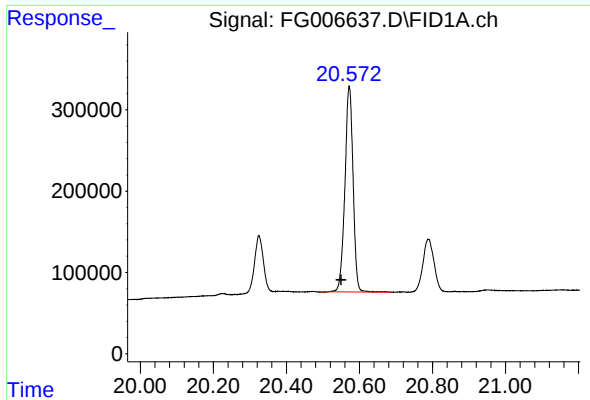
#15 N-TETRATRIACONTANE

R.T.: 19.163 min  
Delta R.T.: 0.024 min  
Response: 4439560  
Conc: 42.84 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.880 min  
Delta R.T.: 0.021 min  
Response: 4965837  
Conc: 50.73 ug/ml



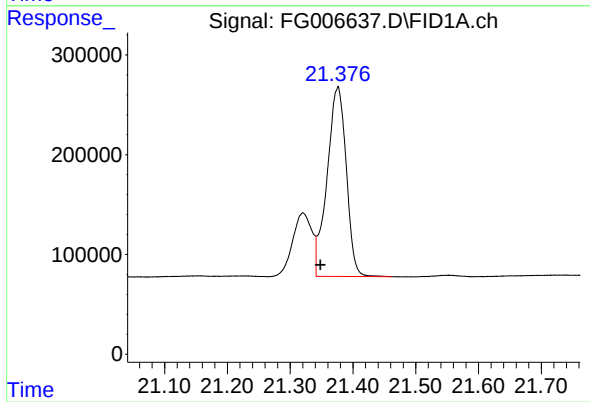
#17 N-OCTATRIACONTANE

R.T.: 20.572 min  
Delta R.T.: 0.023 min  
Response: 3924363  
Conc: 43.55 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.376 min  
Delta R.T.: 0.027 min  
Response: 4027187  
Conc: 45.33 ug/ml