

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032620\  
 Data File : FE031583.D  
 Signal(s) : FID1B.CH  
 Acq On : 26 Mar 2020 13:50  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
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 3/31/2020 8:21:52 AM

Integration File: autoint1.e  
 Quant Time: Mar 27 08:33:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE031020.M  
 Quant Title :  
 QLast Update : Fri Mar 20 08:17:28 2020  
 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... | 14.408 | 17233540 | 46.693 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.154  | 18325372 | 46.023 ug/ml  |
| 2) N-DECANE                   | 4.169  | 19214402 | 48.222 ug/ml  |
| 3) N-DODECANE                 | 6.175  | 19975509 | 48.755 ug/ml  |
| 4) N-TETRADECANE              | 7.967  | 20189719 | 48.547 ug/ml  |
| 5) N-HEXADECANE               | 9.565  | 20459700 | 48.115 ug/ml  |
| 6) N-OCTADECANE               | 11.005 | 20413205 | 47.666 ug/ml  |
| 7) N-EICOSANE                 | 12.314 | 20253752 | 47.380 ug/ml  |
| 8) N-DOCOSANE                 | 13.511 | 20043823 | 46.979 ug/ml  |
| 10) N-TETRACOSANE             | 14.615 | 19879327 | 46.681 ug/ml  |
| 11) N-HEXACOSANE              | 15.635 | 19445042 | 46.296 ug/ml  |
| 12) N-OCTACOSANE              | 16.585 | 19247273 | 45.860 ug/ml  |
| 13) N-TRIACONTANE             | 17.473 | 19105908 | 45.720 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.304 | 18016510 | 45.464 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.087 | 15888914 | 45.962 ug/mlm |
| 16) N-HEXATRIACONTANE         | 19.823 | 13020245 | 46.608 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.526 | 10458057 | 46.196 ug/ml  |
| 18) N-TETRACONTANE            | 21.341 | 9699268  | 45.173 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

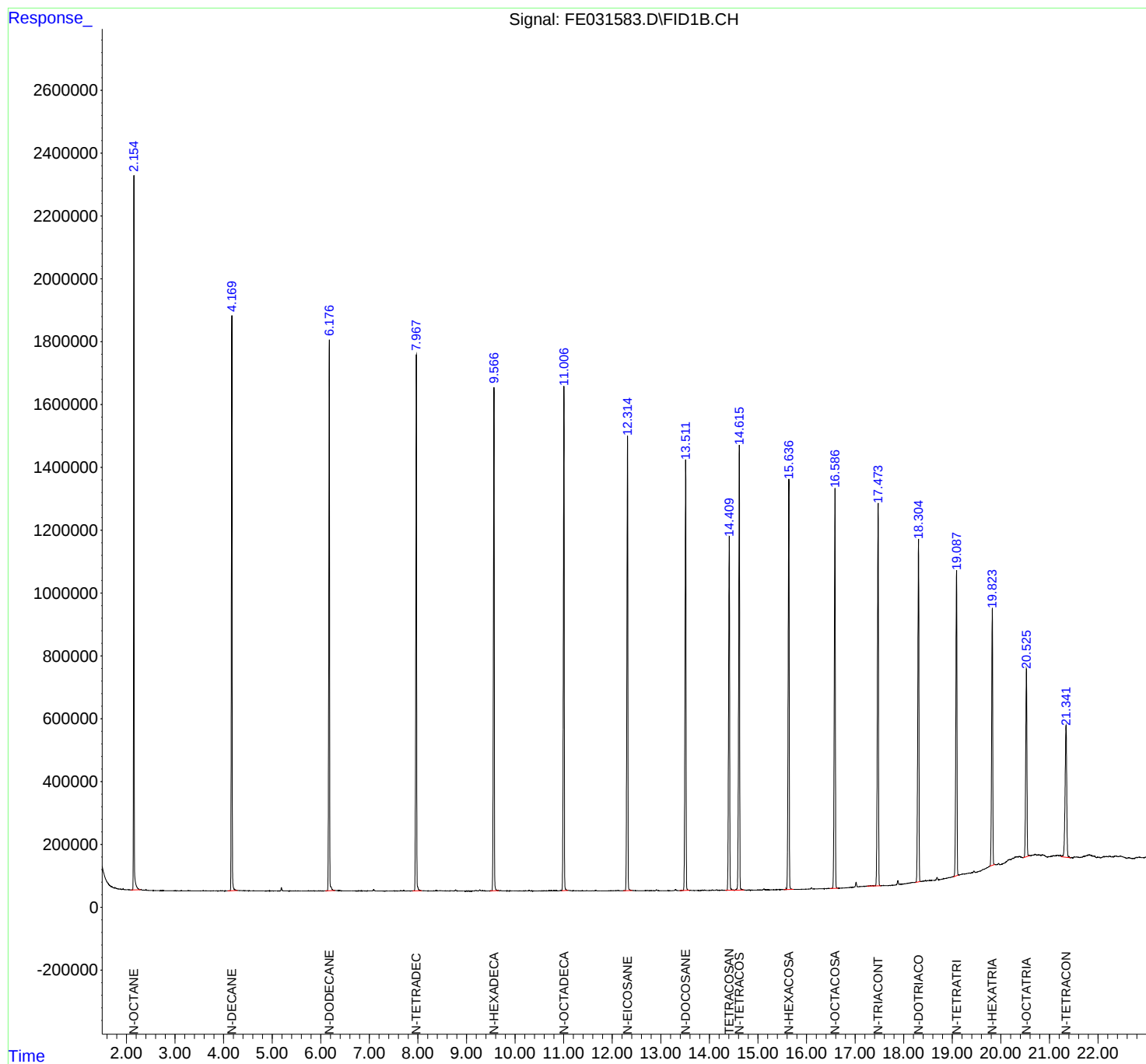
Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

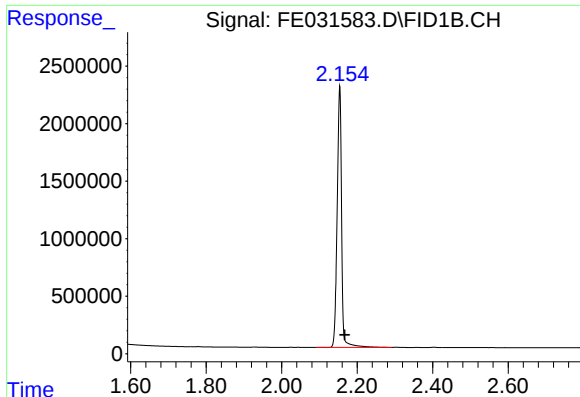
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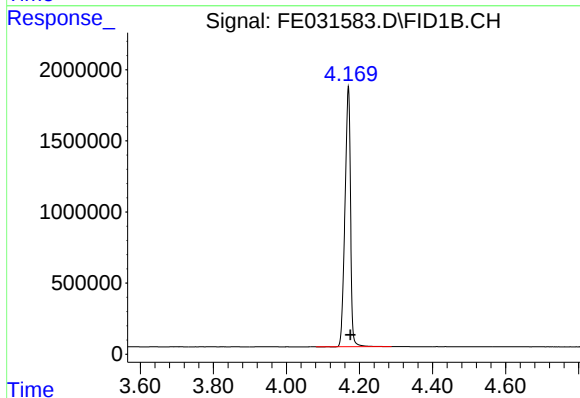
#1 N-OCTANE

R.T.: 2.154 min  
Delta R.T.: -0.013 min  
Response: 18325372  
Conc: 46.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

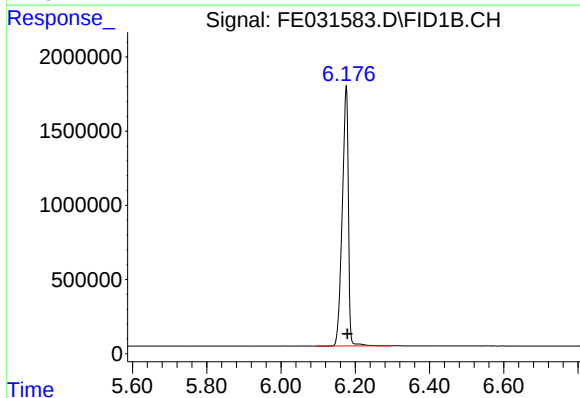
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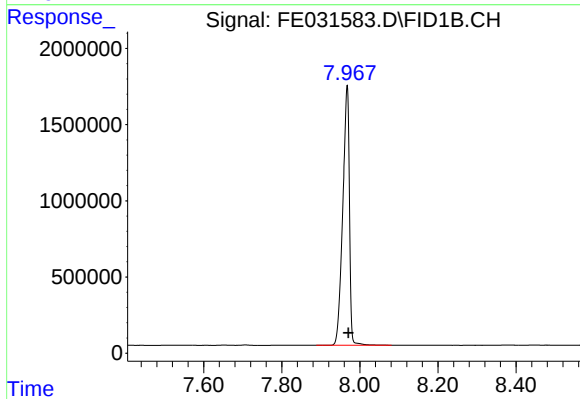
#2 N-DECANE

R.T.: 4.169 min  
Delta R.T.: -0.006 min  
Response: 19214402  
Conc: 48.22 ug/ml



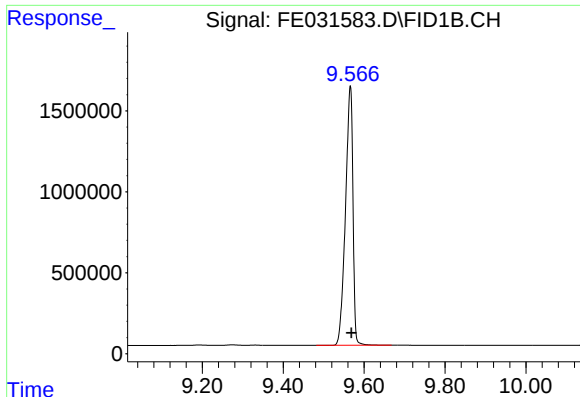
#3 N-DODECANE

R.T.: 6.175 min  
Delta R.T.: -0.004 min  
Response: 19975509  
Conc: 48.76 ug/ml



#4 N-TETRADECANE

R.T.: 7.967 min  
Delta R.T.: -0.004 min  
Response: 20189719  
Conc: 48.55 ug/ml



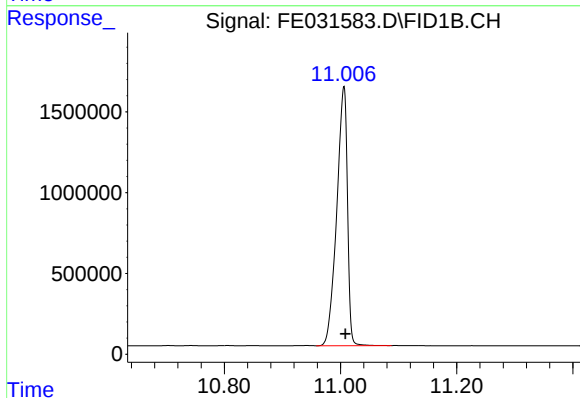
#5 N-HEXADECANE

R.T.: 9.565 min  
Delta R.T.: -0.003 min  
Response: 20459700  
Conc: 48.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

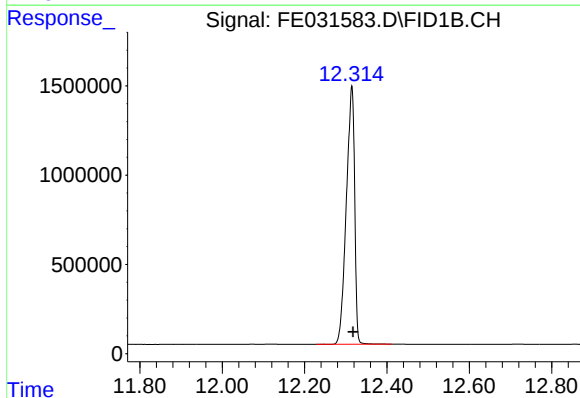
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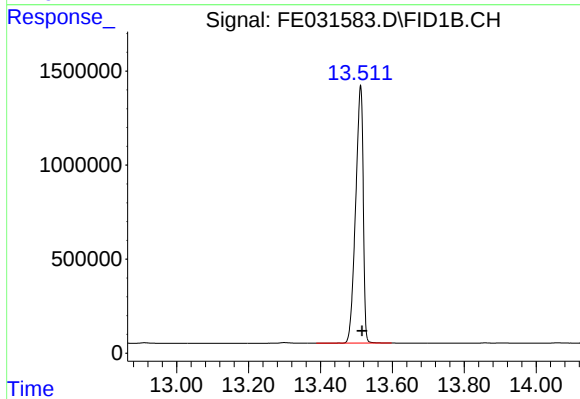
#6 N-OCTADECANE

R.T.: 11.005 min  
Delta R.T.: -0.004 min  
Response: 20413205  
Conc: 47.67 ug/ml



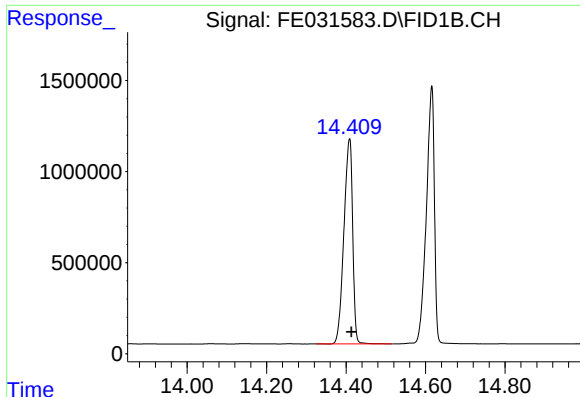
#7 N-EICOSANE

R.T.: 12.314 min  
Delta R.T.: -0.004 min  
Response: 20253752  
Conc: 47.38 ug/ml



#8 N-DOCOSANE

R.T.: 13.511 min  
Delta R.T.: -0.005 min  
Response: 20043823  
Conc: 46.98 ug/ml



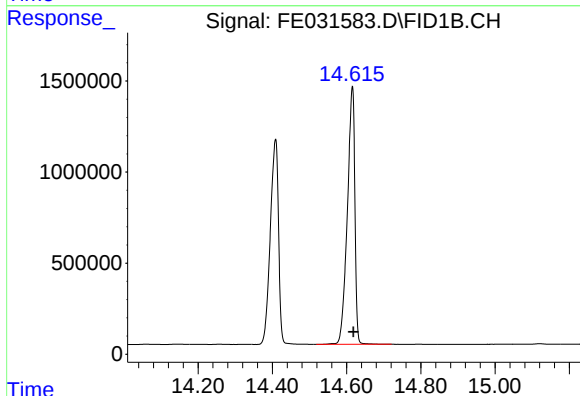
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.408 min  
Delta R.T.: -0.005 min  
Response: 17233540  
Conc: 46.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

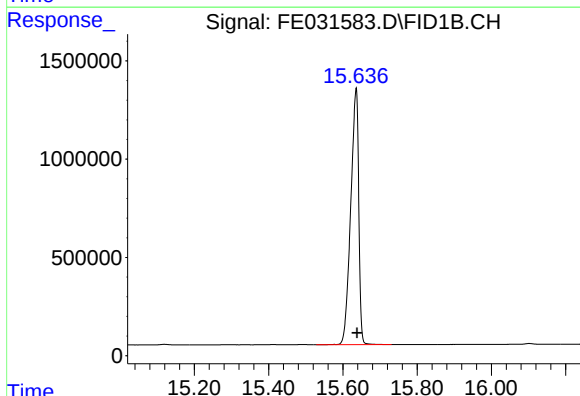
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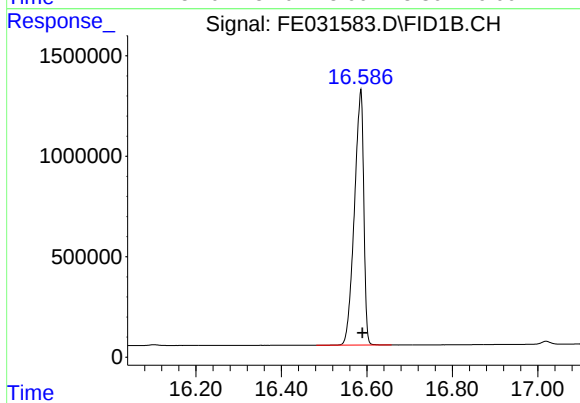
#10 N-TETRACOSANE

R.T.: 14.615 min  
Delta R.T.: -0.004 min  
Response: 19879327  
Conc: 46.68 ug/ml



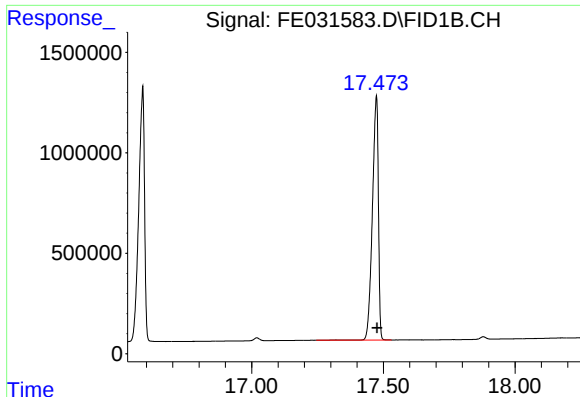
#11 N-HEXACOSANE

R.T.: 15.635 min  
Delta R.T.: -0.003 min  
Response: 19445042  
Conc: 46.30 ug/ml



#12 N-OCTACOSANE

R.T.: 16.585 min  
Delta R.T.: -0.005 min  
Response: 19247273  
Conc: 45.86 ug/ml



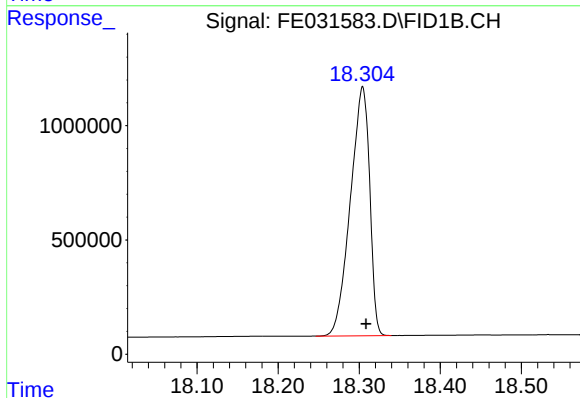
#13 N-TRIACONTANE

R.T.: 17.473 min  
Delta R.T.: -0.004 min  
Response: 19105908  
Conc: 45.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD

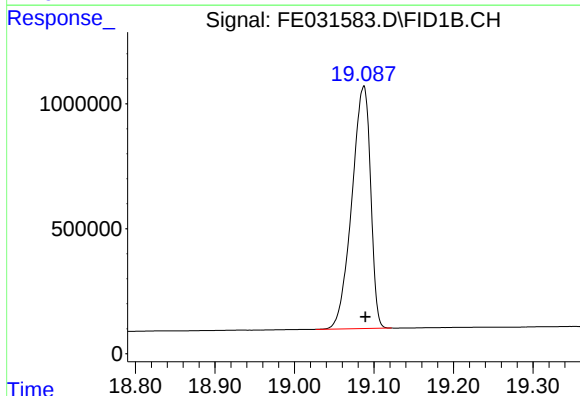
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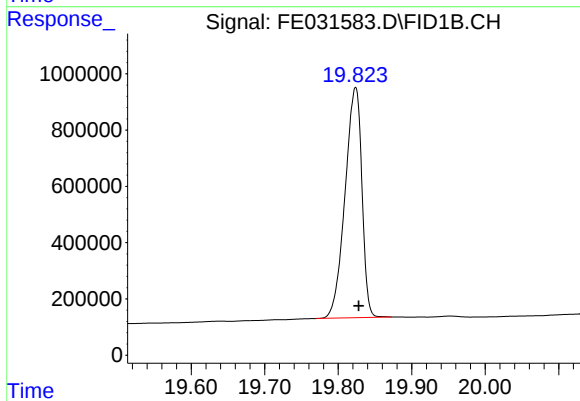
#14 N-DOTRIACONTANE

R.T.: 18.304 min  
Delta R.T.: -0.005 min  
Response: 18016510  
Conc: 45.46 ug/ml m



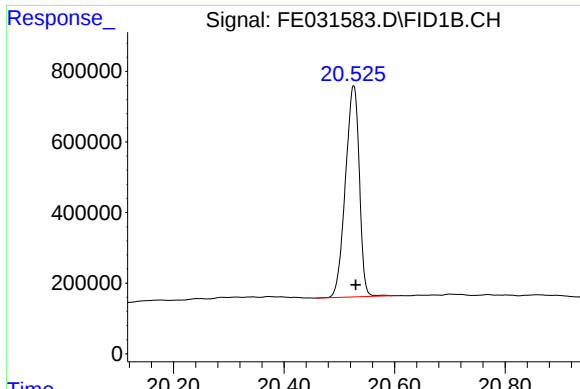
#15 N-TETRATRIACONTANE

R.T.: 19.087 min  
Delta R.T.: -0.002 min  
Response: 15888914  
Conc: 45.96 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.823 min  
Delta R.T.: -0.004 min  
Response: 13020245  
Conc: 46.61 ug/ml m



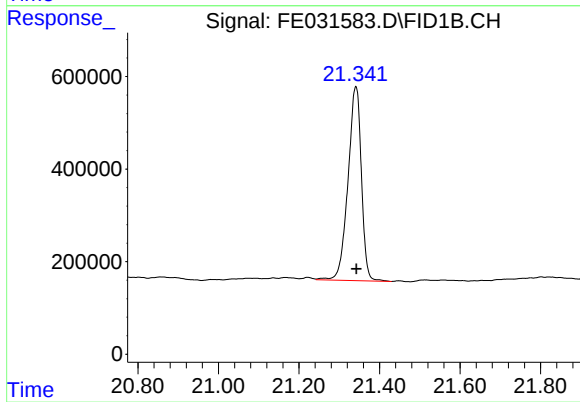
#17 N-OCTATRIACONTANE

R.T.: 20.526 min  
Delta R.T.: -0.004 min  
Response: 10458057  
Conc: 46.20 ug/ml

Instrument :  
FID\_E  
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#18 N-TETRACONTANE

R.T.: 21.341 min  
Delta R.T.: -0.002 min  
Response: 9699268  
Conc: 45.17 ug/ml