

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG122221\  
 Data File : FG009327.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Dec 2021 12:30  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Dec 22 23:53:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG121521.M  
 Quant Title :  
 QLast Update : Thu Dec 16 05:01:34 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... | 14.524 | 6559227  | 47.489 ug/ml |
| Target Compounds              |        |          |              |
| 2) N-DECANE                   | 4.238  | 8037688  | 52.295 ug/ml |
| 3) N-DODECANE                 | 6.261  | 8132823  | 51.667 ug/ml |
| 4) N-TETRADECANE              | 8.060  | 8172944  | 50.844 ug/ml |
| 5) N-HEXADECANE               | 9.664  | 8061921  | 50.304 ug/ml |
| 6) N-OCTADECANE               | 11.109 | 8076110  | 49.626 ug/ml |
| 7) N-EICOSANE                 | 12.420 | 7928859  | 48.837 ug/ml |
| 8) N-DOCOSANE                 | 13.622 | 7650566  | 48.048 ug/ml |
| 10) N-TETRACOSANE             | 14.728 | 7482007  | 47.402 ug/ml |
| 11) N-HEXACOSANE              | 15.750 | 7175203  | 46.540 ug/ml |
| 12) N-OCTACOSANE              | 16.703 | 6859727  | 45.842 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

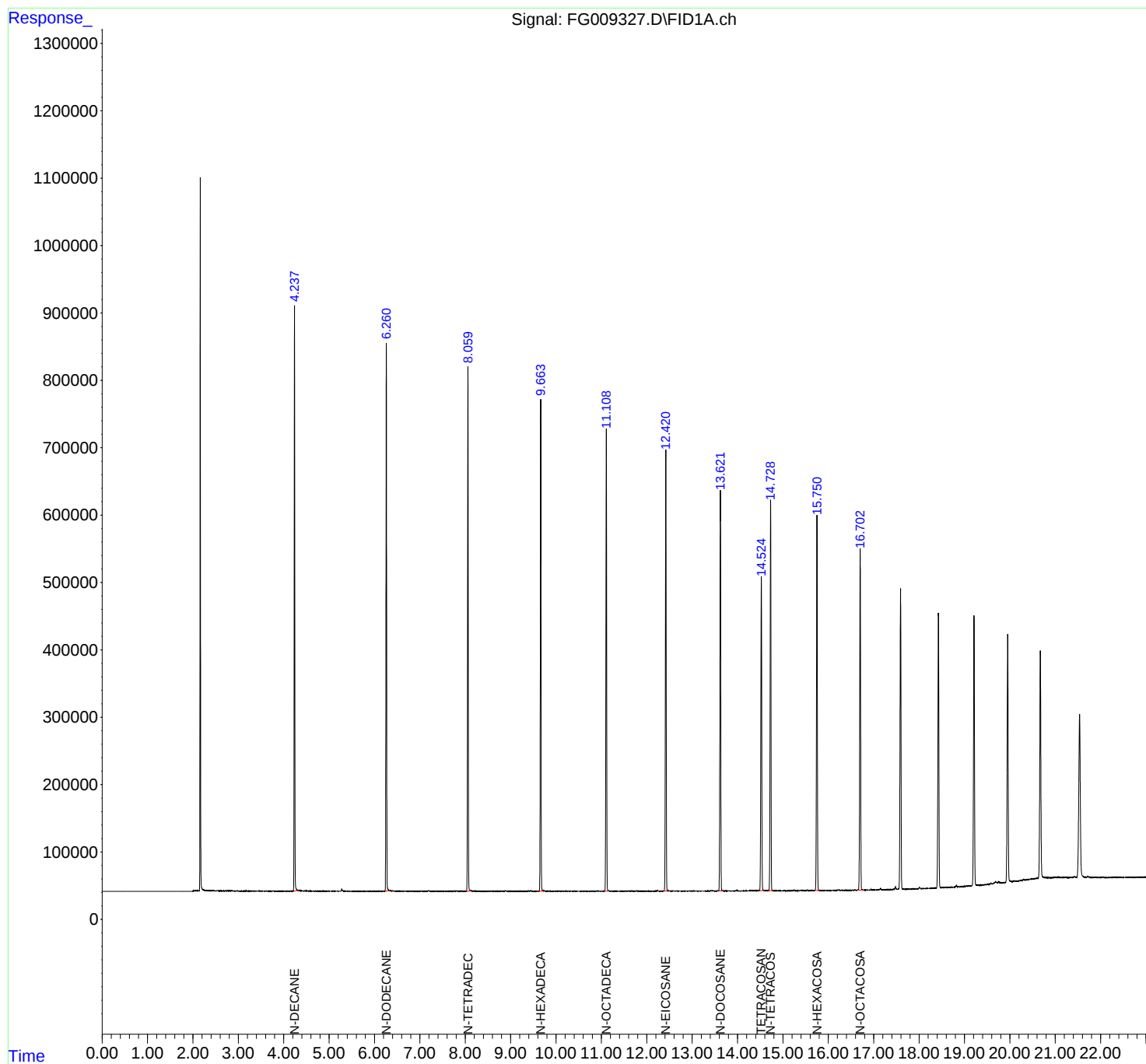
(m)=manual int.

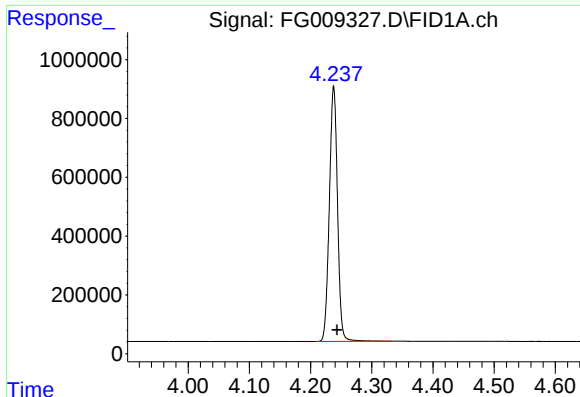
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

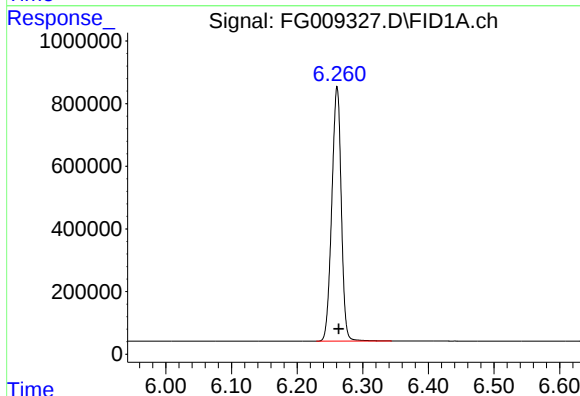




#2 N-DECANE

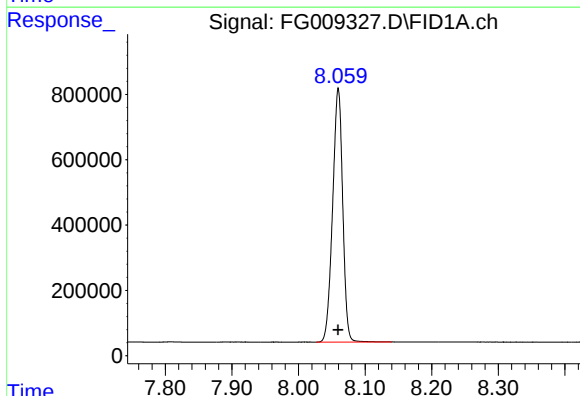
R.T.: 4.238 min  
Delta R.T.: -0.005 min  
Response: 8037688  
Conc: 52.29 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



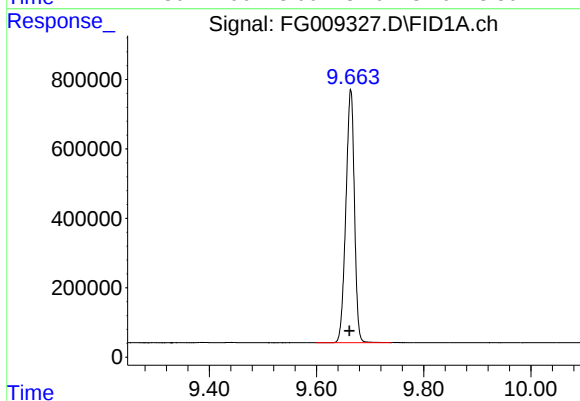
#3 N-DODECANE

R.T.: 6.261 min  
Delta R.T.: -0.002 min  
Response: 8132823  
Conc: 51.67 ug/ml



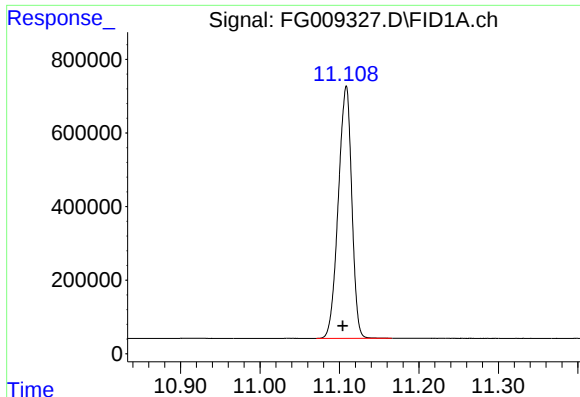
#4 N-TETRADECANE

R.T.: 8.060 min  
Delta R.T.: 0.000 min  
Response: 8172944  
Conc: 50.84 ug/ml



#5 N-HEXADECANE

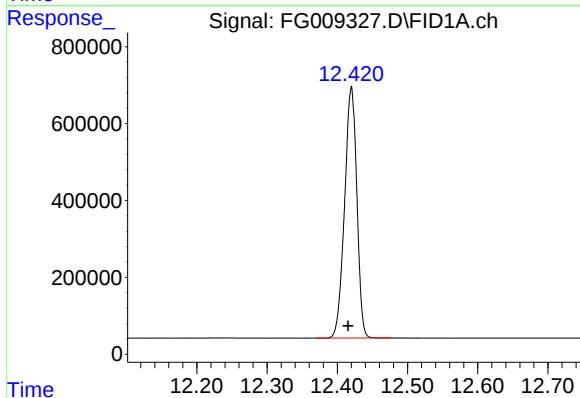
R.T.: 9.664 min  
Delta R.T.: 0.002 min  
Response: 8061921  
Conc: 50.30 ug/ml



#6 N-OCTADECANE

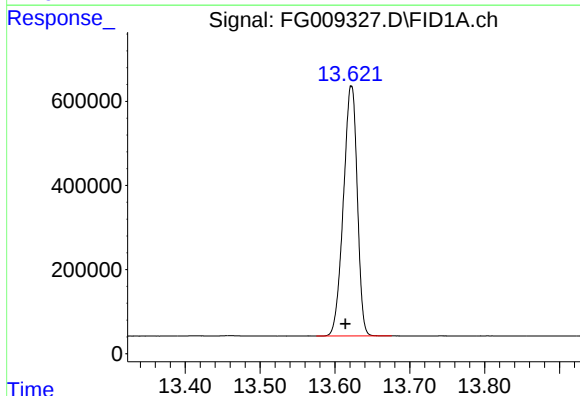
R.T.: 11.109 min  
Delta R.T.: 0.004 min  
Response: 8076110  
Conc: 49.63 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



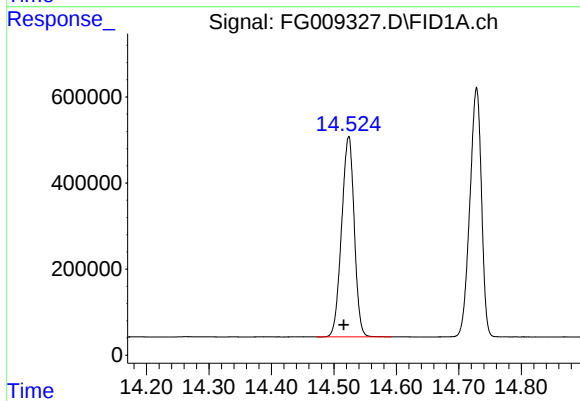
#7 N-EICOSANE

R.T.: 12.420 min  
Delta R.T.: 0.005 min  
Response: 7928859  
Conc: 48.84 ug/ml



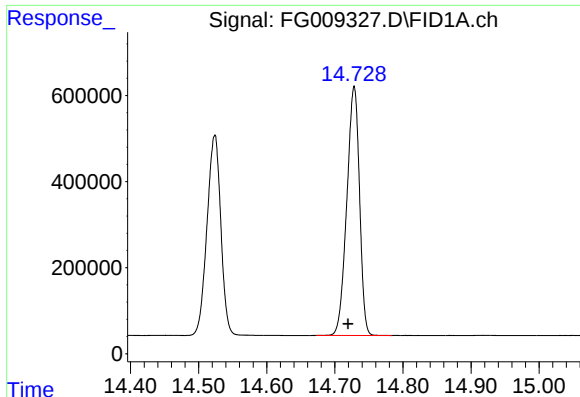
#8 N-DOCOSANE

R.T.: 13.622 min  
Delta R.T.: 0.008 min  
Response: 7650566  
Conc: 48.05 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

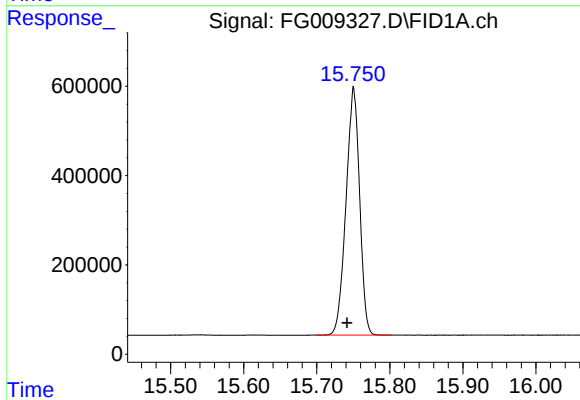
R.T.: 14.524 min  
Delta R.T.: 0.008 min  
Response: 6559227  
Conc: 47.49 ug/ml



#10 N-TETRACOSANE

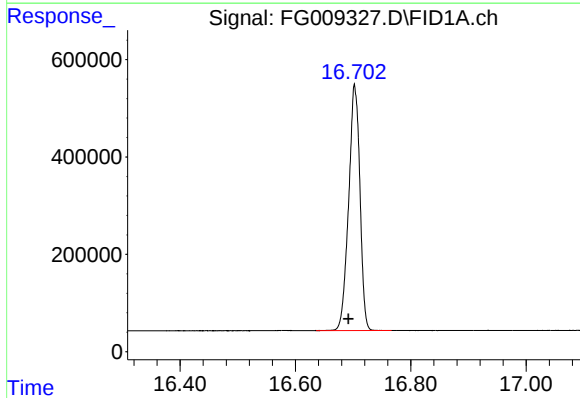
R.T.: 14.728 min  
Delta R.T.: 0.009 min  
Response: 7482007  
Conc: 47.40 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 15.750 min  
Delta R.T.: 0.009 min  
Response: 7175203  
Conc: 46.54 ug/ml



#12 N-OCTACOSANE

R.T.: 16.703 min  
Delta R.T.: 0.011 min  
Response: 6859727  
Conc: 45.84 ug/ml