

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012022\  
 Data File : FF009729.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Jan 2022 16:02  
 Operator : AJ\MA  
 Sample : PB142162BS  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB142162BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/21/2022  
 Supervised By :Ankita Jodhani 01/21/2022

Integration File: autoint1.e  
 Quant Time: Jan 20 23:49:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011722.M  
 Quant Title :  
 QLast Update : Tue Jan 18 02:53:40 2022  
 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... | 14.446 | 2575356  | 19.708 ug/ml  |
| Target Compounds              |        |          |               |
| 2) N-DECANE                   | 4.236  | 2830896  | 20.016 ug/ml  |
| 3) N-DODECANE                 | 6.242  | 2952304  | 20.631 ug/ml  |
| 4) N-TETRADECANE              | 8.027  | 3033160  | 20.641 ug/ml  |
| 5) N-HEXADECANE               | 9.619  | 2867240  | 19.167 ug/ml  |
| 6) N-OCTADECANE               | 11.053 | 3104207  | 20.135 ug/ml  |
| 7) N-EICOSANE                 | 12.357 | 3072543  | 20.326 ug/ml  |
| 8) N-DOCOSANE                 | 13.549 | 2972596  | 19.988 ug/ml  |
| 10) N-TETRACOSANE             | 14.649 | 2916431  | 19.666 ug/ml  |
| 11) N-HEXACOSANE              | 15.664 | 2753278  | 18.831 ug/ml  |
| 12) N-OCTACOSANE              | 16.609 | 2627175  | 18.098 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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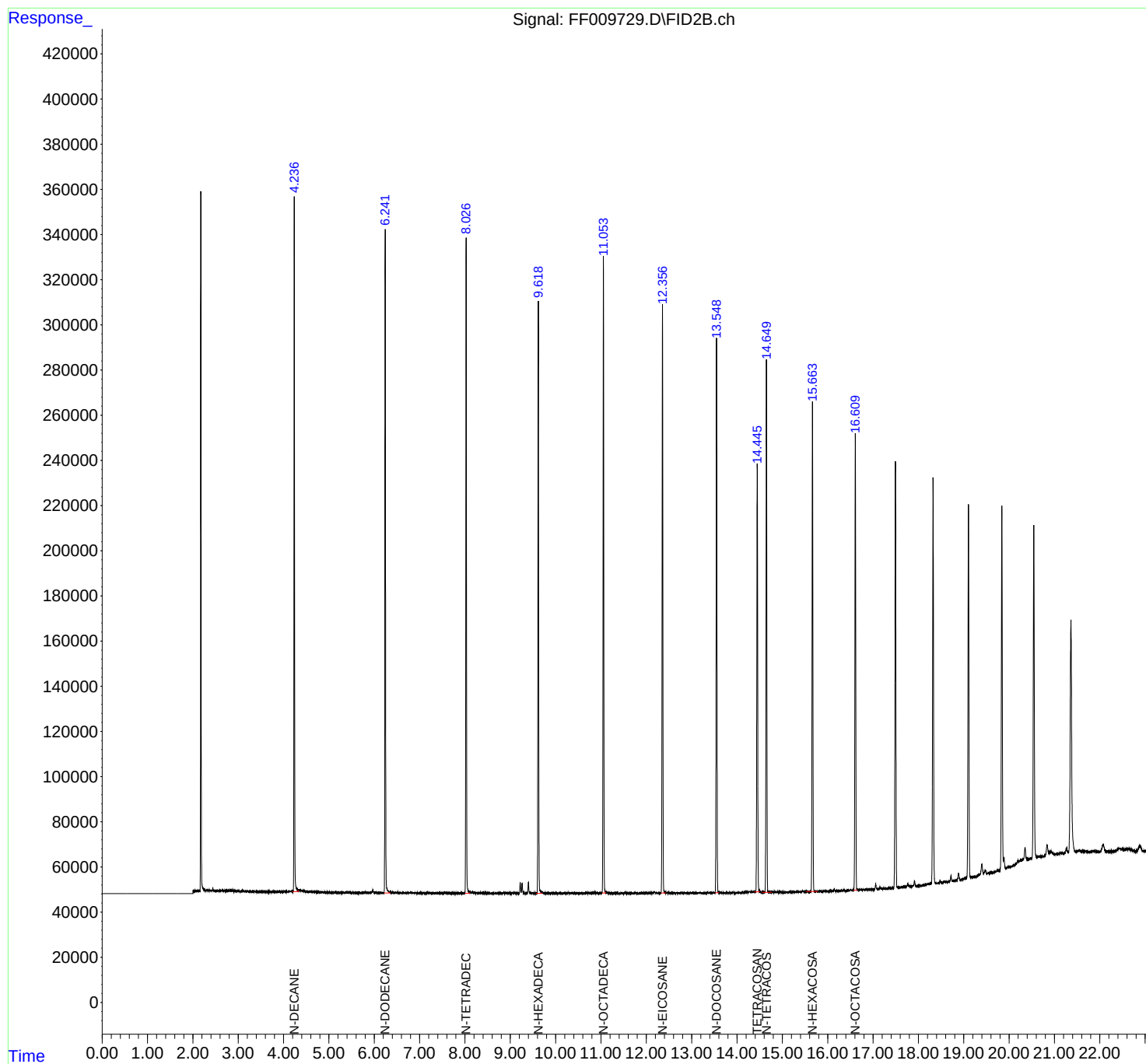
Instrument :  
FID\_F  
ClientSampleId :  
PB142162BS

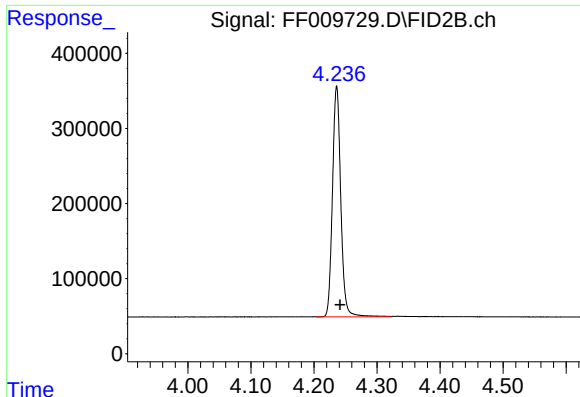
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





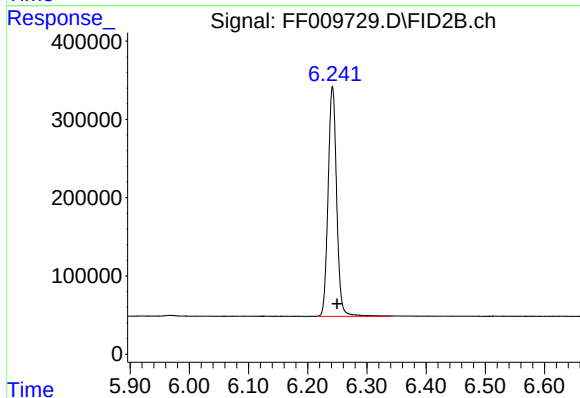
#2 N-DECANE

R.T.: 4.236 min  
Delta R.T.: -0.005 min  
Response: 2830896  
Conc: 20.02 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
PB142162BS

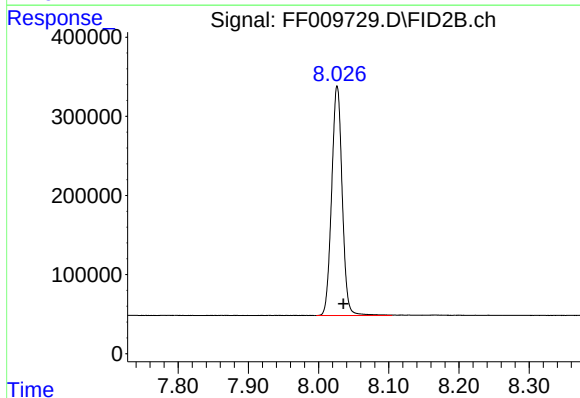
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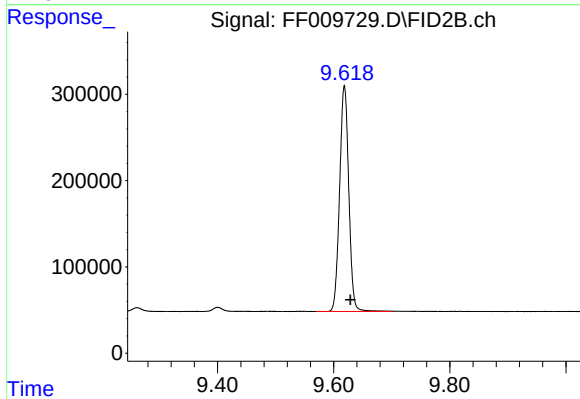
#3 N-DODECANE

R.T.: 6.242 min  
Delta R.T.: -0.008 min  
Response: 2952304  
Conc: 20.63 ug/ml



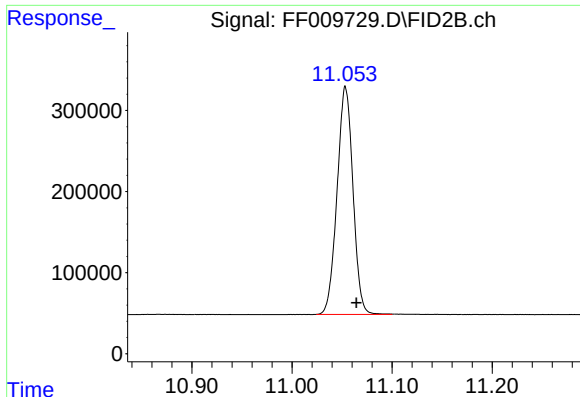
#4 N-TETRADECANE

R.T.: 8.027 min  
Delta R.T.: -0.009 min  
Response: 3033160  
Conc: 20.64 ug/ml



#5 N-HEXADECANE

R.T.: 9.619 min  
Delta R.T.: -0.010 min  
Response: 2867240  
Conc: 19.17 ug/ml



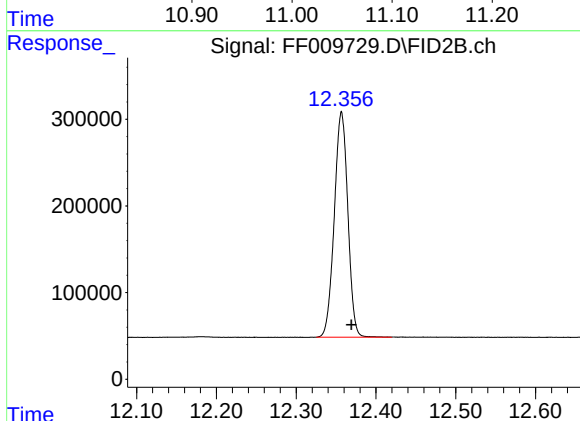
#6 N-OCTADECANE

R.T.: 11.053 min  
Delta R.T.: -0.011 min  
Response: 3104207  
Conc: 20.14 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
PB142162BS

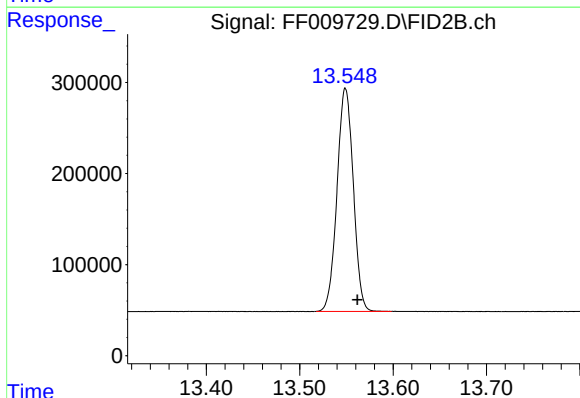
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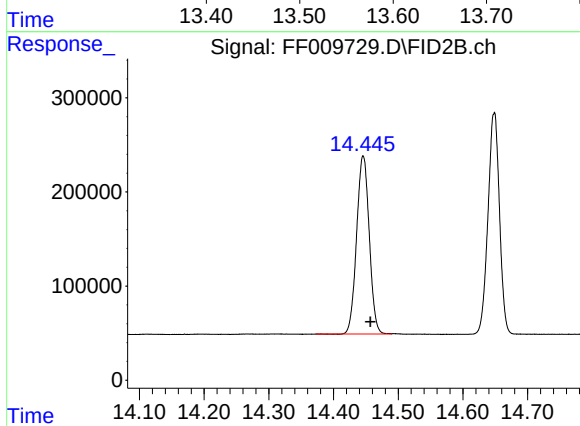
#7 N-EICOSANE

R.T.: 12.357 min  
Delta R.T.: -0.012 min  
Response: 3072543  
Conc: 20.33 ug/ml



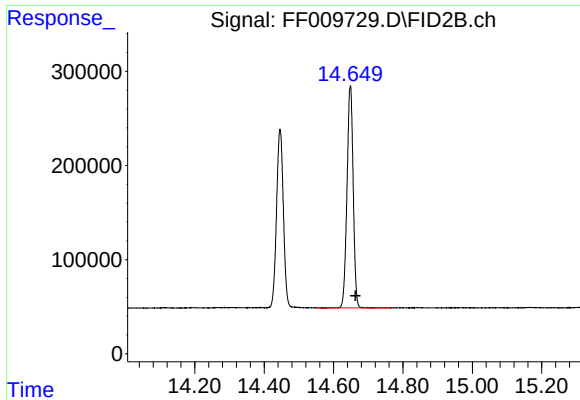
#8 N-DOCOSANE

R.T.: 13.549 min  
Delta R.T.: -0.013 min  
Response: 2972596  
Conc: 19.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.446 min  
Delta R.T.: -0.011 min  
Response: 2575356  
Conc: 19.71 ug/ml



#10 N-TETRACOSANE

R.T.: 14.649 min  
Delta R.T.: -0.014 min  
Response: 2916431  
Conc: 19.67 ug/ml

Instrument :

FID\_F

ClientSampleId :

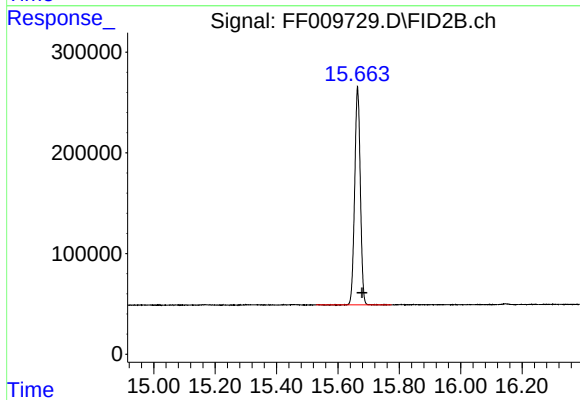
PB142162BS

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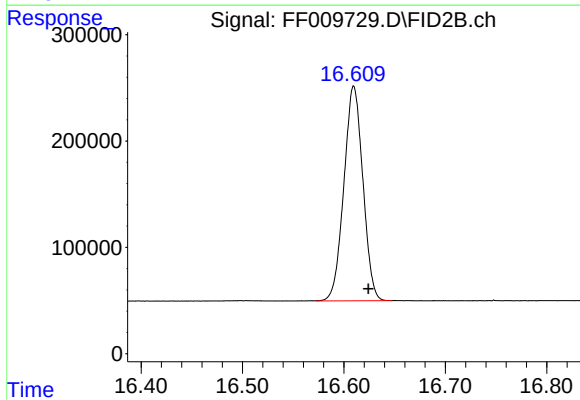
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#11 N-HEXACOSANE

R.T.: 15.664 min  
Delta R.T.: -0.015 min  
Response: 2753278  
Conc: 18.83 ug/ml



#12 N-OCTACOSANE

R.T.: 16.609 min  
Delta R.T.: -0.015 min  
Response: 2627175  
Conc: 18.10 ug/ml m