

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF030519\  
 Data File : FF003734.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Mar 2019 18:22  
 Operator : AJ\SJ  
 Sample : PB117622BSD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB117622BSD

Manual Integrations  
 APPROVED

Sohil  
 3/6/2019 2:10:34 PM

Integration File: autoint1.e  
 Quant Time: Mar 06 00:04:27 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF030119.M  
 Quant Title :  
 QLast Update : Mon Mar 04 08:35:38 2019  
 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... | 14.594 | 2065711  | 14.837 ug/mlm |
| Target Compounds              |        |          |               |
| 2) N-DECANE                   | 4.323  | 2569214  | 16.703 ug/mlm |
| 3) N-DODECANE                 | 6.344  | 2626867  | 16.832 ug/mlm |
| 4) N-TETRADECANE              | 8.138  | 2637616  | 16.451 ug/ml  |
| 5) N-HEXADECANE               | 9.739  | 2628156  | 16.136 ug/ml  |
| 6) N-OCTADECANE               | 11.182 | 2573441  | 15.620 ug/mlm |
| 7) N-EICOSANE                 | 12.494 | 2506153  | 15.319 ug/ml  |
| 8) N-DOCOSANE                 | 13.693 | 2413812  | 14.956 ug/mlm |
| 10) N-TETRACOSANE             | 14.800 | 2358793  | 14.908 ug/mlm |
| 11) N-HEXACOSANE              | 15.824 | 2275095  | 14.741 ug/ml  |
| 12) N-OCTACOSANE              | 16.777 | 2256141  | 14.930 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 63 Sample Multiplier: 1

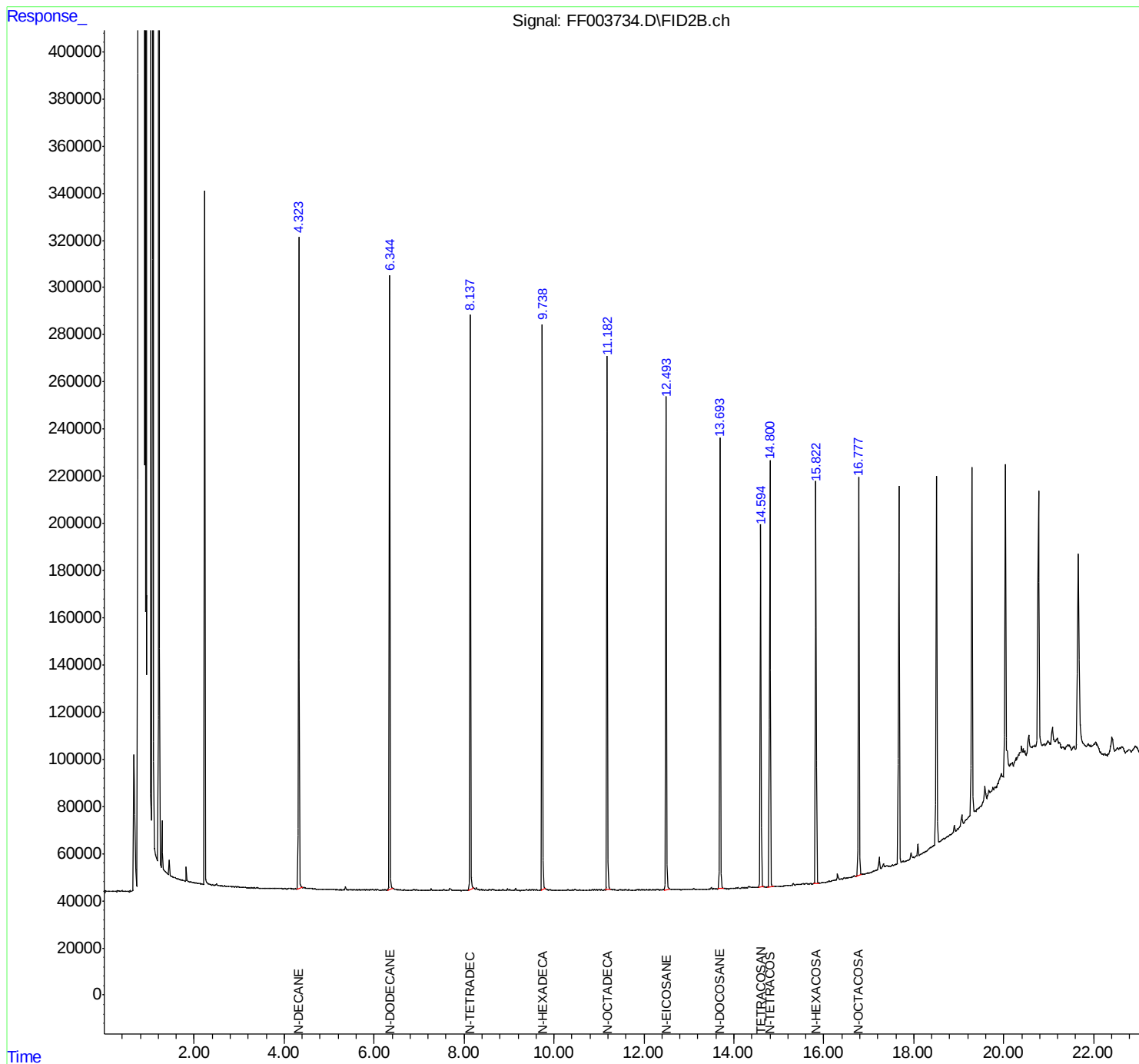
Instrument :  
FID\_F  
ClientSampled :  
PB117622BSD

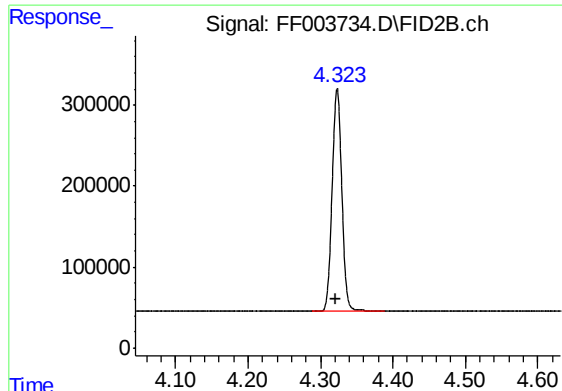
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





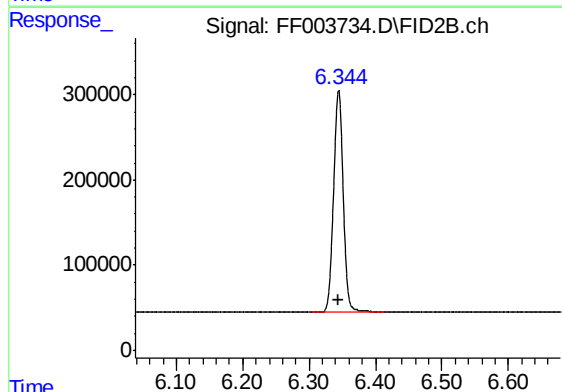
#2 N-DECANE

R.T.: 4.323 min  
Delta R.T.: 0.002 min  
Response: 2569214  
Conc: 16.70 ug/ml m

Instrument :  
FID\_F  
ClientSampleId :  
PB117622BSD

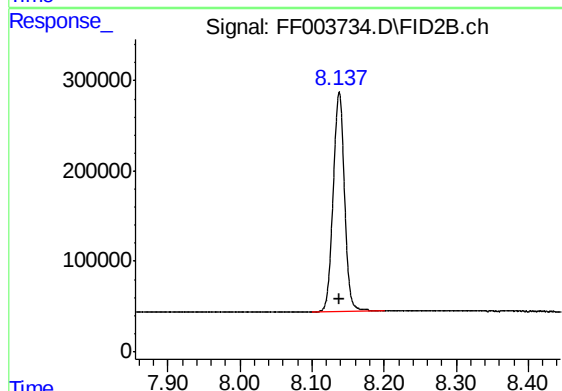
Manual Integrations  
APPROVED

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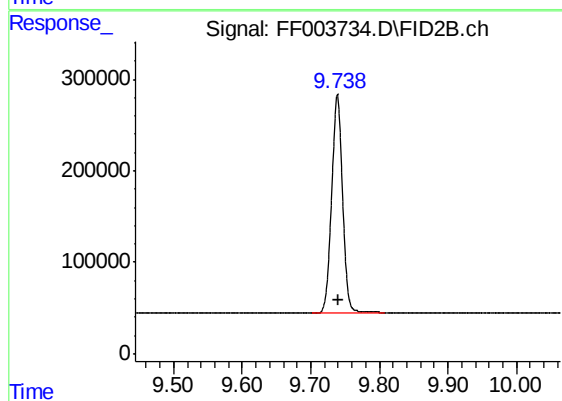
#3 N-DODECANE

R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 2626867  
Conc: 16.83 ug/ml m



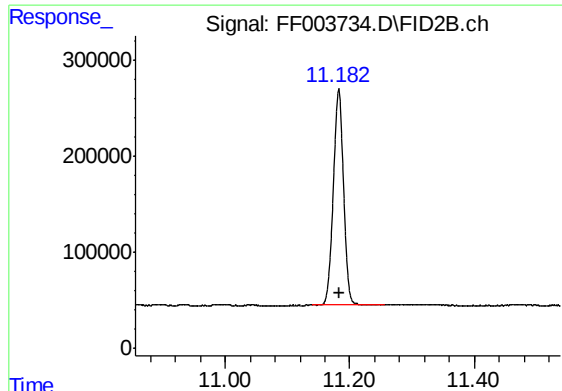
#4 N-TETRADECANE

R.T.: 8.138 min  
Delta R.T.: 0.000 min  
Response: 2637616  
Conc: 16.45 ug/ml



#5 N-HEXADECANE

R.T.: 9.739 min  
Delta R.T.: -0.001 min  
Response: 2628156  
Conc: 16.14 ug/ml



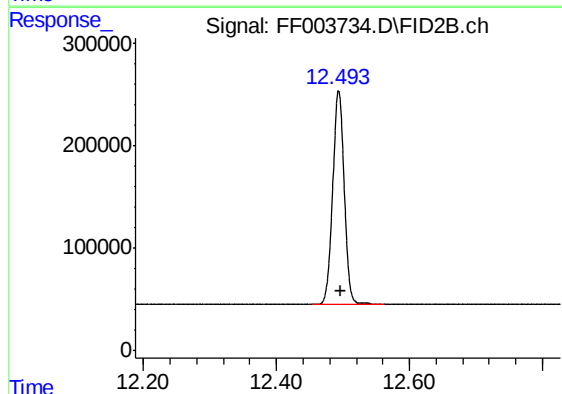
#6 N-OCTADECANE

R.T.: 11.182 min  
Delta R.T.: -0.002 min  
Response: 2573441  
Conc: 15.62 ug/ml m

Instrument :  
FID\_F  
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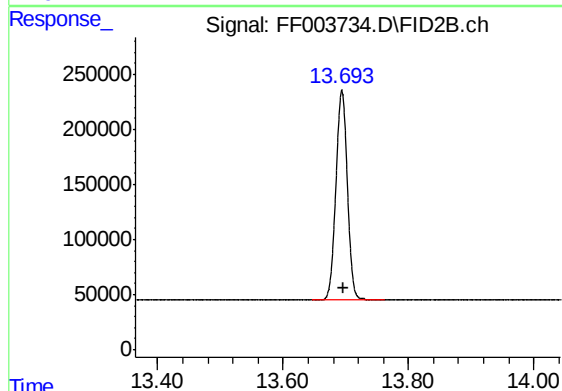
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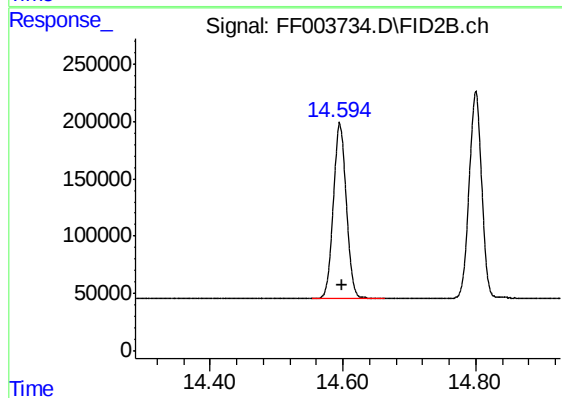
#7 N-EICOSANE

R.T.: 12.494 min  
Delta R.T.: -0.003 min  
Response: 2506153  
Conc: 15.32 ug/ml



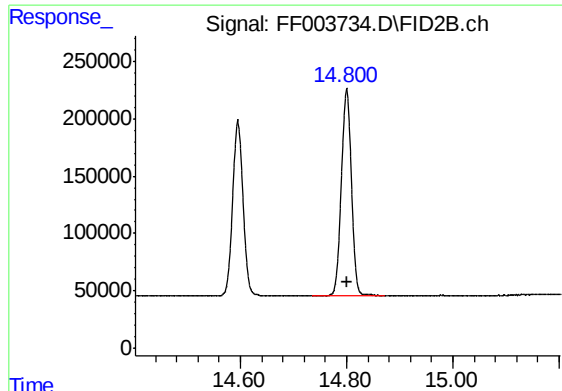
#8 N-DOCOSANE

R.T.: 13.693 min  
Delta R.T.: -0.003 min  
Response: 2413812  
Conc: 14.96 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.594 min  
Delta R.T.: -0.004 min  
Response: 2065711  
Conc: 14.84 ug/ml m



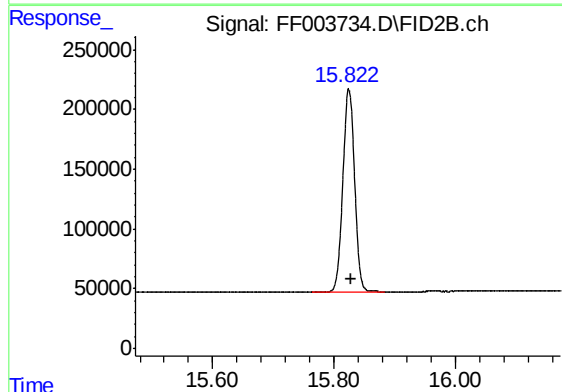
#10 N-TETRACOSANE

R.T.: 14.800 min  
Delta R.T.: -0.003 min  
Response: 2358793  
Conc: 14.91 ug/ml m

Instrument :  
FID\_F  
ClientSampleId :  
PB117622BSD

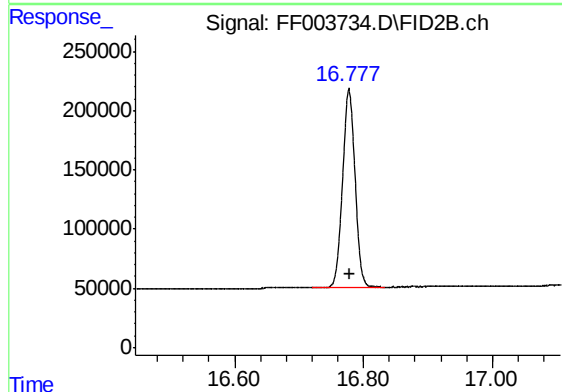
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#11 N-HEXACOSANE

R.T.: 15.824 min  
Delta R.T.: -0.003 min  
Response: 2275095  
Conc: 14.74 ug/ml



#12 N-OCTACOSANE

R.T.: 16.777 min  
Delta R.T.: -0.002 min  
Response: 2256141  
Conc: 14.93 ug/ml

rteres

Area Percent Report

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FID\_F  
ClientSampleId :  
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ALS Vial : 63 Sample Multiplier: 1

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Title :

Signal : FID2B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 4.323       | 4.294        | 4.382      | BB       | 275699         | 2563679      | 97.20%         | 9.535%        |
| 2                       | 6.345       | 6.307        | 6.409      | BB       | 260516         | 2621255      | 99.38%         | 9.749%        |
| 3                       | 8.138       | 8.101        | 8.199      | BB       | 243597         | 2637616      | 100.00%        | 9.810%        |
| 4                       | 9.739       | 9.702        | 9.806      | BB       | 239262         | 2628156      | 99.64%         | 9.775%        |
| 5                       | 11.182      | 11.147       | 11.246     | BB       | 225939         | 2572720      | 97.54%         | 9.569%        |
| 6                       | 12.494      | 12.454       | 12.561     | BB       | 207971         | 2506153      | 95.02%         | 9.321%        |
| 7                       | 13.694      | 13.654       | 13.752     | BB       | 190431         | 2413138      | 91.49%         | 8.975%        |
| 8                       | 14.595      | 14.559       | 14.652     | BB       | 151673         | 2061559      | 78.16%         | 7.668%        |
| 9                       | 14.800      | 14.736       | 14.856     | BB       | 181102         | 2351464      | 89.15%         | 8.746%        |
| 10                      | 15.824      | 15.764       | 15.881     | BB       | 169645         | 2275095      | 86.26%         | 8.462%        |
| 11                      | 16.777      | 16.721       | 16.831     | BB       | 168233         | 2256141      | 85.54%         | 8.391%        |
| Sum of corrected areas: |             |              |            |          |                | 26886978     |                |               |

FF030119.M Wed Mar 06 09:28:17 2019