

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091324AR\  
 Data File : FG014222.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Sep 2024 15:16  
 Operator : YP\AJ  
 Sample : P3964-08  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 14 04:50:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 090424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 11:28:29 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.881  | 6044587    | 54.028 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 108.06%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.754  | 4125148    | 56.659 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 113.32%       |
| 11) S ortho-Terphenyl (SURR)       | 11.822 | 3156046    | 23.413 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 46.83%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.497  | 29395556   | 228.336 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.161  | 15835142   | 125.532 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.256  | 12290399   | 96.496 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.532  | 1985678    | 15.277 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.851  | 511010     | 3.690 ug/ml   |
| 8) T Flouorene (C16.55)            | 9.645  | 1373720    | 10.598 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.049 | 974211     | 8.061 ug/ml   |
| 10) T Anthracene (C19.43)          | 11.132 | 599338     | 4.320 ug/ml   |
| 12) T Fluoranthene (C21.85)        | 12.877 | 391921     | 3.023 ug/ml   |
| 13) T Pyrene (C20.8)               | 13.175 | 179953     | 1.378 ug/ml   |
| 14) T Benzo[a]anthracene (C...     | 15.133 | 65271      | 0.574 ug/ml   |
| 15) T Chrysene (C27.41)            | 15.133 | 65271      | 0.462 ug/ml   |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.378 | 10448      | 0.106 ug/ml   |
| 20) T Dibenz[a,h]anthracene...     | 18.378 | 10448      | 0.071 ug/ml   |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

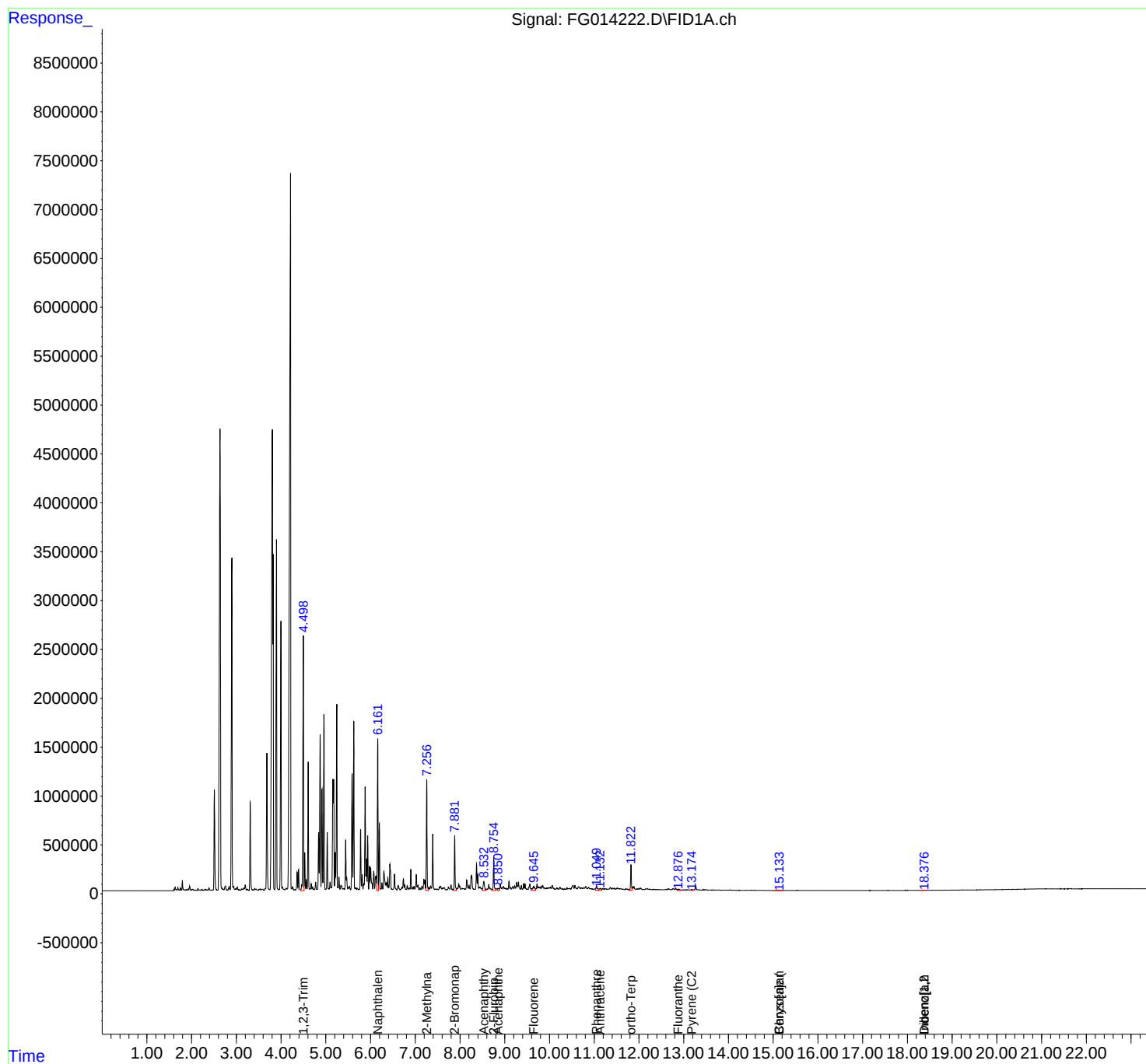
(m)=manual int.

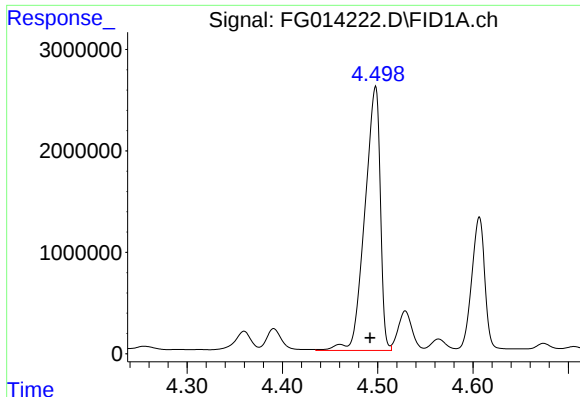
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Signal Phase : Rxi-1ms  
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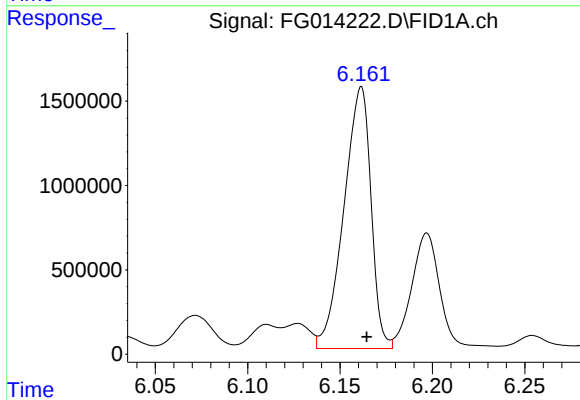




#1 1,2,3-Trimethylbenzene (C10.1)

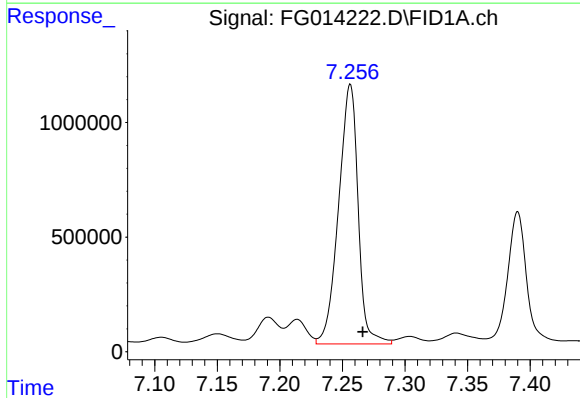
R.T.: 4.497 min  
Delta R.T.: 0.005 min  
Response: 29395556  
Conc: 228.34 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



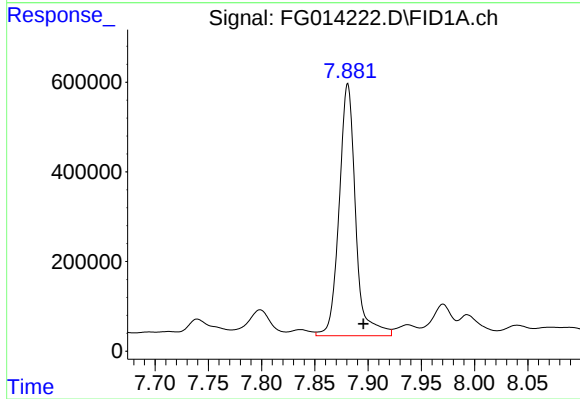
#2 Naphthalene (C11.7)

R.T.: 6.161 min  
Delta R.T.: -0.004 min  
Response: 15835142  
Conc: 125.53 ug/ml



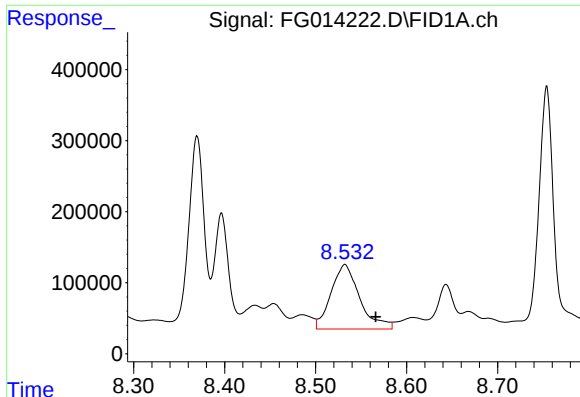
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.256 min  
Delta R.T.: -0.010 min  
Response: 12290399  
Conc: 96.50 ug/ml



#4 2-Bromonaphthalene (SURR)

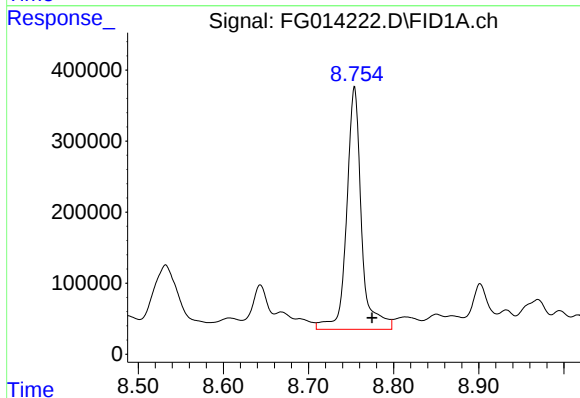
R.T.: 7.881 min  
Delta R.T.: -0.015 min  
Response: 6044587  
Conc: 54.03 ug/ml



#5 Acenaphthylene (C15.06)

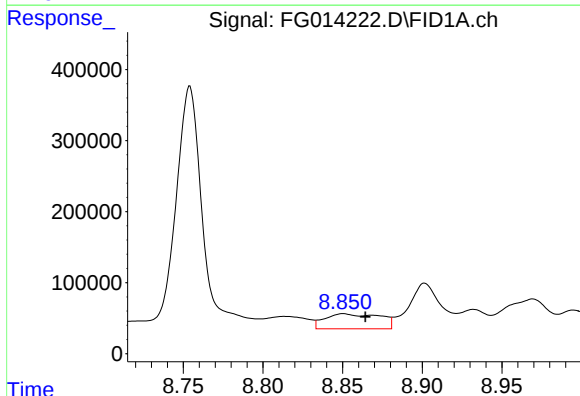
R.T.: 8.532 min  
Delta R.T.: -0.034 min  
Response: 1985678  
Conc: 15.28 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



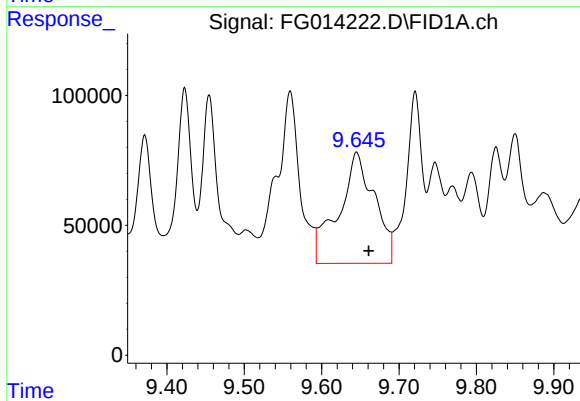
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.754 min  
Delta R.T.: -0.021 min  
Response: 4125148  
Conc: 56.66 ug/ml



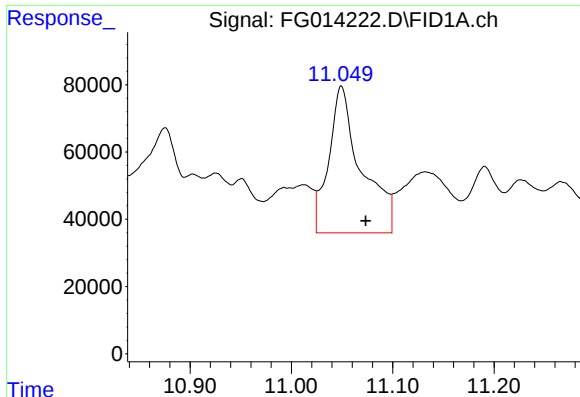
#7 Acenaphthene (C15.5)

R.T.: 8.851 min  
Delta R.T.: -0.014 min  
Response: 511010  
Conc: 3.69 ug/ml



#8 Flouorene (C16.55)

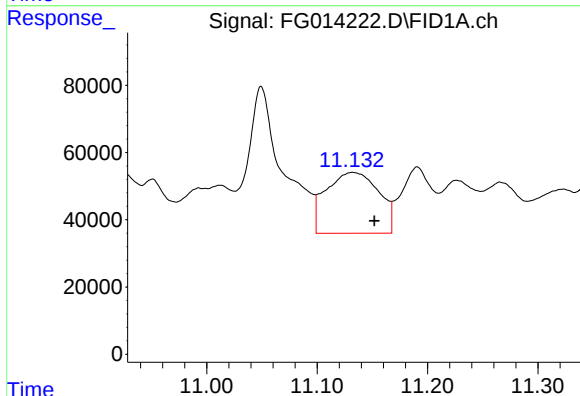
R.T.: 9.645 min  
Delta R.T.: -0.016 min  
Response: 1373720  
Conc: 10.60 ug/ml



#9 Phenanthrene (C19.36)

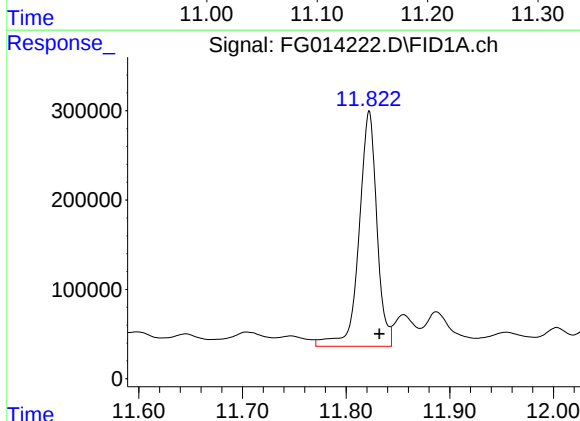
R.T.: 11.049 min  
Delta R.T.: -0.024 min  
Response: 974211  
Conc: 8.06 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



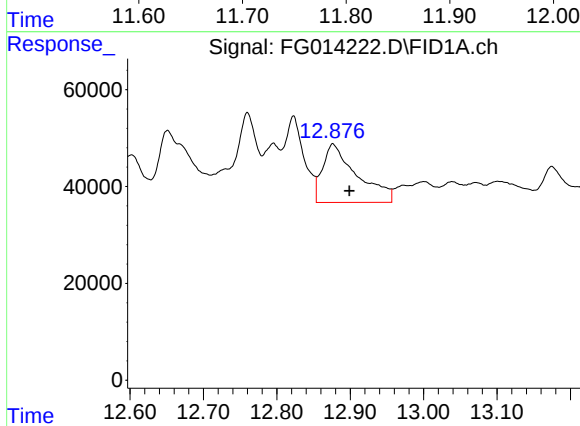
#10 Anthracene (C19.43)

R.T.: 11.132 min  
Delta R.T.: -0.019 min  
Response: 599338  
Conc: 4.32 ug/ml



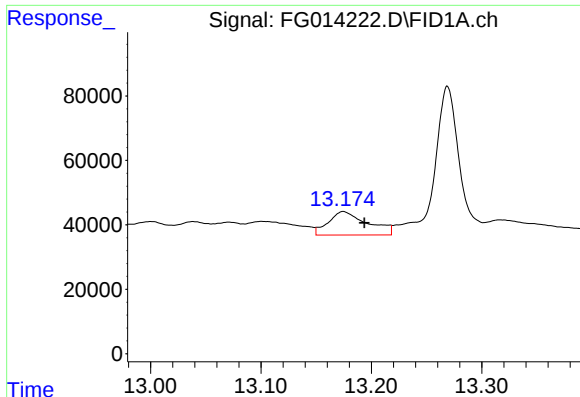
#11 ortho-Terphenyl (SURR)

R.T.: 11.822 min  
Delta R.T.: -0.010 min  
Response: 3156046  
Conc: 23.41 ug/ml



#12 Fluoranthene (C21.85)

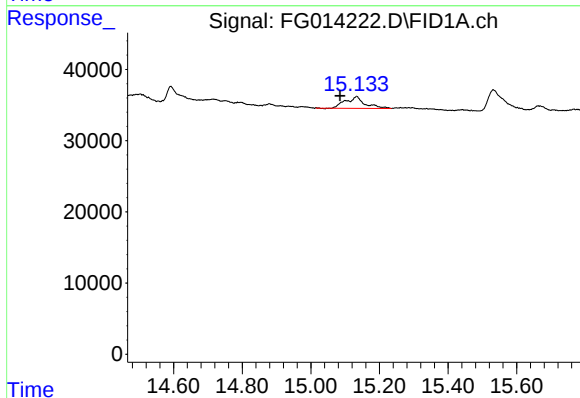
R.T.: 12.877 min  
Delta R.T.: -0.022 min  
Response: 391921  
Conc: 3.02 ug/ml



#13 Pyrene (C20.8)

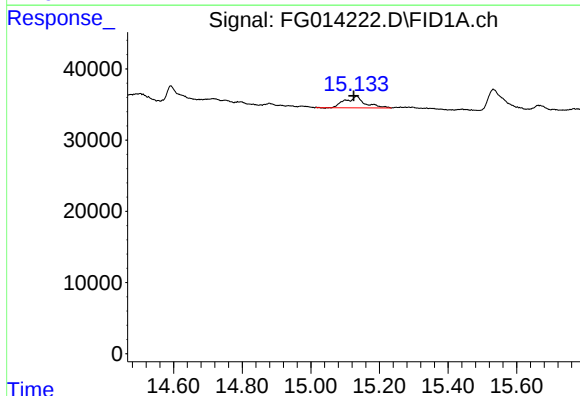
R.T.: 13.175 min  
Delta R.T.: -0.019 min  
Response: 179953  
Conc: 1.38 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



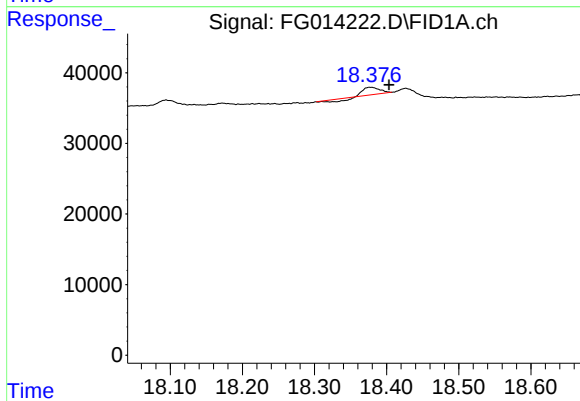
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.133 min  
Delta R.T.: 0.048 min  
Response: 65271  
Conc: 0.57 ug/ml



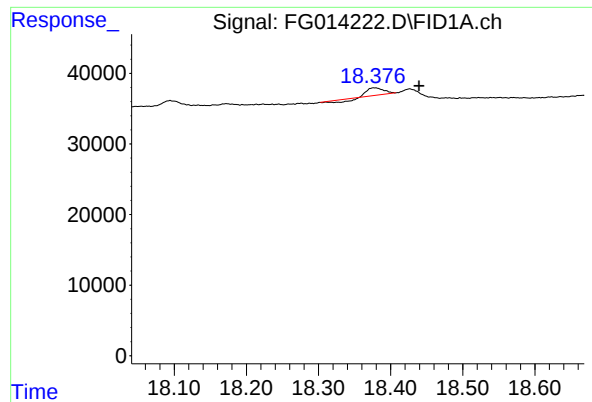
#15 Chrysene (C27.41)

R.T.: 15.133 min  
Delta R.T.: 0.008 min  
Response: 65271  
Conc: 0.46 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.378 min  
Delta R.T.: -0.026 min  
Response: 10448  
Conc: 0.11 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.378 min  
Delta R.T.: -0.062 min  
Response: 10448  
Conc: 0.07 ug/ml

Instrument :

FID\_G

ClientSampleId :