

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031721AR\  
 Data File : FD036424.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Mar 2021 10:46  
 Operator : DD\AJ  
 Sample : M1458-02  
 Misc : LOQ-SOIL- 5 PPM  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 18 12:49:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 08:08:08 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.603  | 8169378    | 69.308 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 138.62%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.464  | 5542474    | 66.599 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 133.20%#     |
| 11) S ortho-Terphenyl (SURR)       | 11.505 | 8051828    | 57.152 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 114.30%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.399  | 643633     | 5.134 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.936  | 746135     | 5.506 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.988  | 789567     | 5.782 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.262  | 743369     | 5.525 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.557  | 773713     | 5.590 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.335  | 777421     | 5.697 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.729 | 820279     | 5.954 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.802 | 766395     | 5.708 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.538 | 800264     | 5.763 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.834 | 792238     | 5.779 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.701 | 730524     | 5.776 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.743 | 762088     | 5.885 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.277 | 705040     | 5.793 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.277 | 705040     | 5.987 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.623 | 707576     | 6.416 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.983 | 652621     | 5.899 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.025 | 722768     | 6.531 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.236 | 693114     | 6.268 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

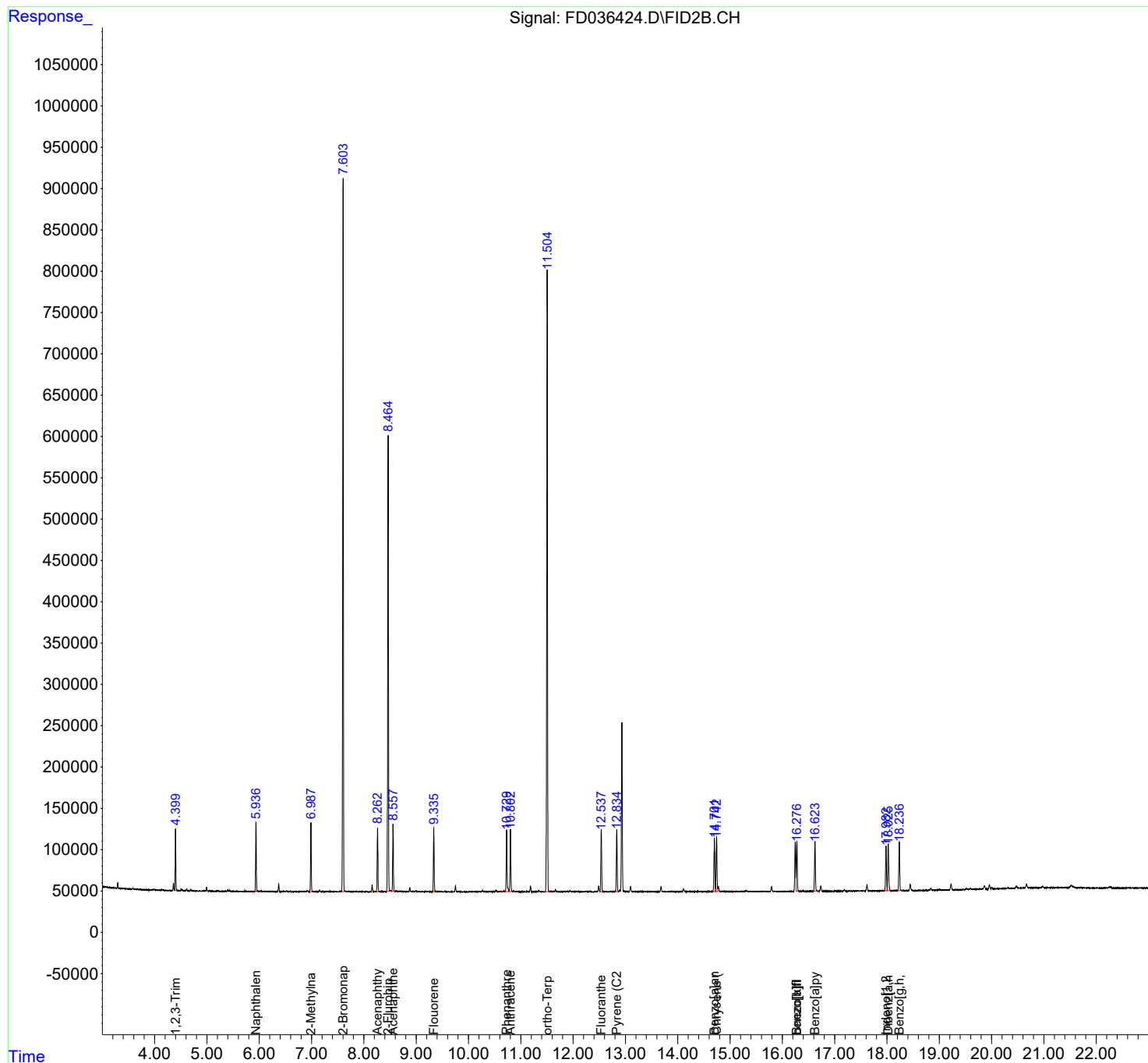
(m)=manual int.

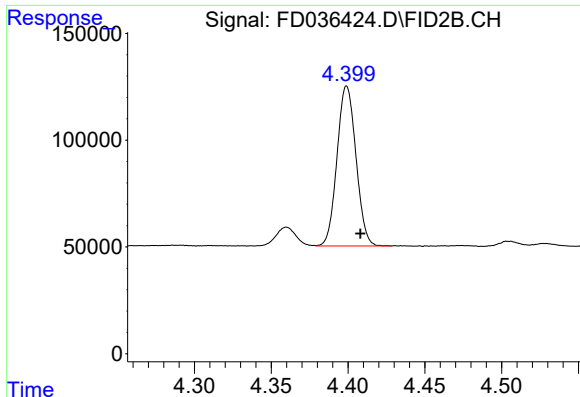
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031721AR\  
Data File : FD036424.D  
Signal(s) : FID2B.CH  
Acq On : 18 Mar 2021 10:46  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

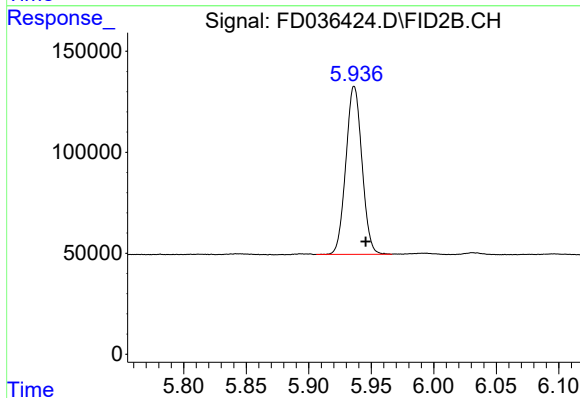




#1 1,2,3-Trimethylbenzene (C10.1)

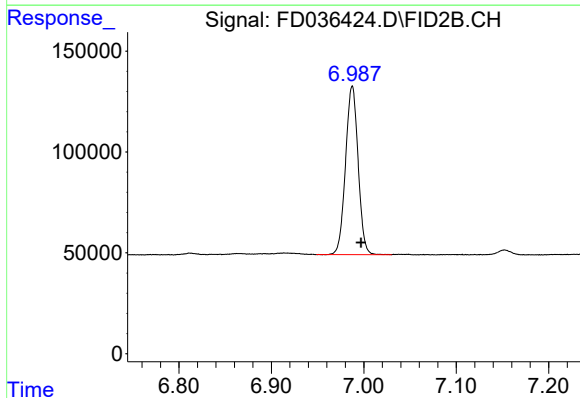
R.T.: 4.399 min  
Delta R.T.: -0.009 min  
Response: 643633  
Conc: 5.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



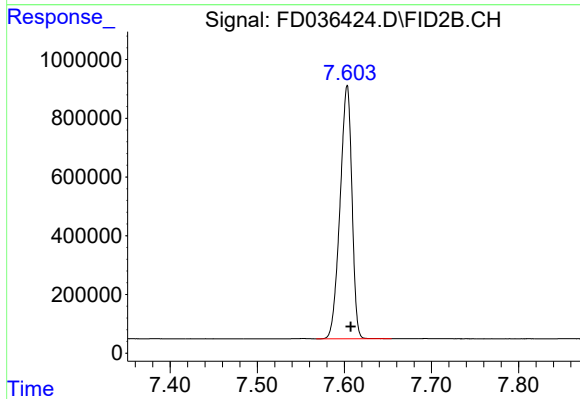
#2 Naphthalene (C11.7)

R.T.: 5.936 min  
Delta R.T.: -0.009 min  
Response: 746135  
Conc: 5.51 ug/ml



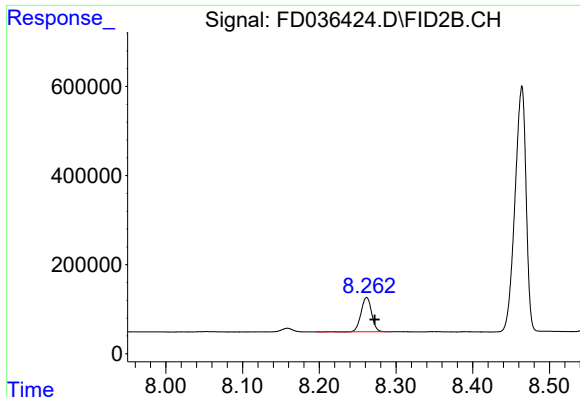
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min  
Delta R.T.: -0.010 min  
Response: 789567  
Conc: 5.78 ug/ml



#4 2-Bromonaphthalene (SURR)

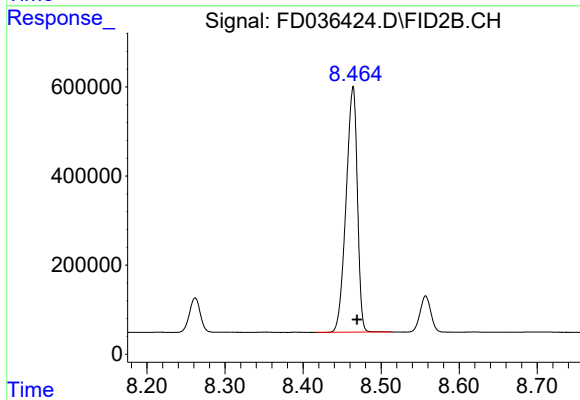
R.T.: 7.603 min  
Delta R.T.: -0.004 min  
Response: 8169378  
Conc: 69.31 ug/ml



#5 Acenaphthylene (C15.06)

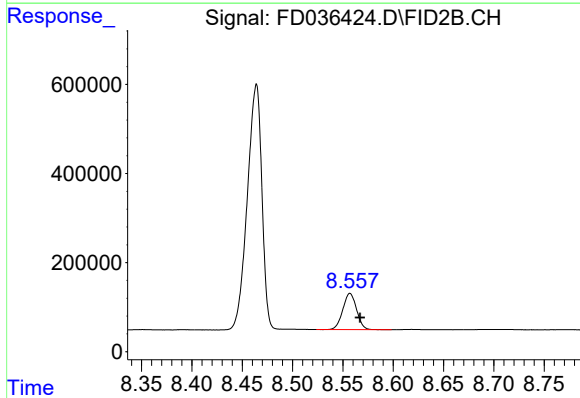
R.T.: 8.262 min  
Delta R.T.: -0.010 min  
Response: 743369  
Conc: 5.53 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



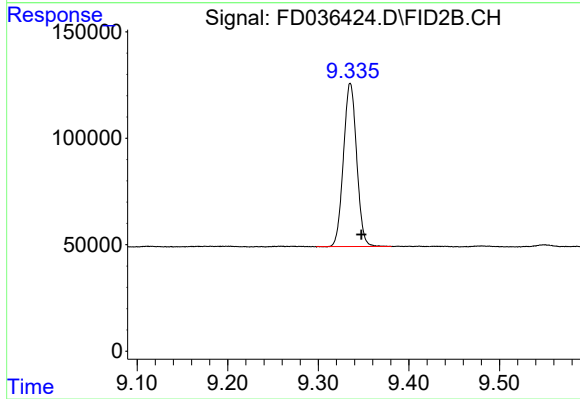
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.464 min  
Delta R.T.: -0.005 min  
Response: 5542474  
Conc: 66.60 ug/ml



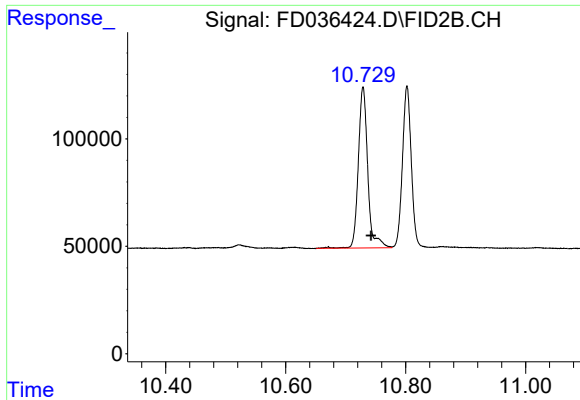
#7 Acenaphthene (C15.5)

R.T.: 8.557 min  
Delta R.T.: -0.010 min  
Response: 773713  
Conc: 5.59 ug/ml



#8 Flouorene (C16.55)

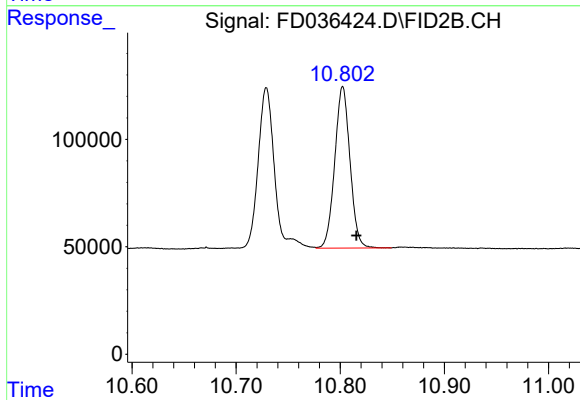
R.T.: 9.335 min  
Delta R.T.: -0.012 min  
Response: 777421  
Conc: 5.70 ug/ml



#9 Phenanthrene (C19.36)

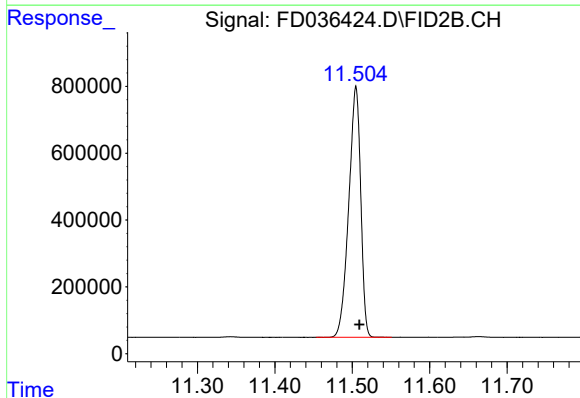
R.T.: 10.729 min  
Delta R.T.: -0.013 min  
Response: 820279  
Conc: 5.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



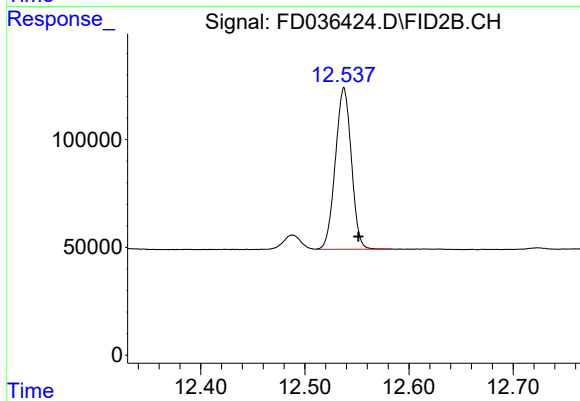
#10 Anthracene (C19.43)

R.T.: 10.802 min  
Delta R.T.: -0.013 min  
Response: 766395  
Conc: 5.71 ug/ml



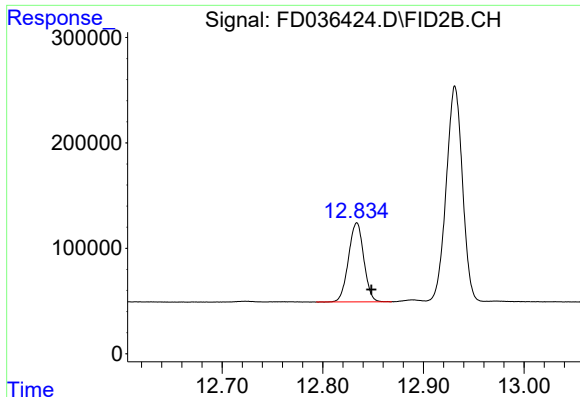
#11 ortho-Terphenyl (SURR)

R.T.: 11.505 min  
Delta R.T.: -0.005 min  
Response: 8051828  
Conc: 57.15 ug/ml



#12 Fluoranthene (C21.85)

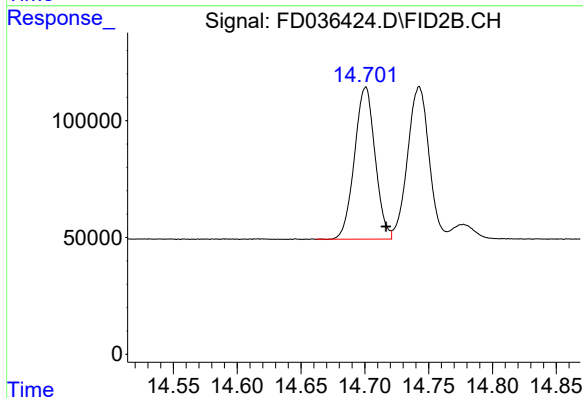
R.T.: 12.538 min  
Delta R.T.: -0.014 min  
Response: 800264  
Conc: 5.76 ug/ml



#13 Pyrene (C20.8)

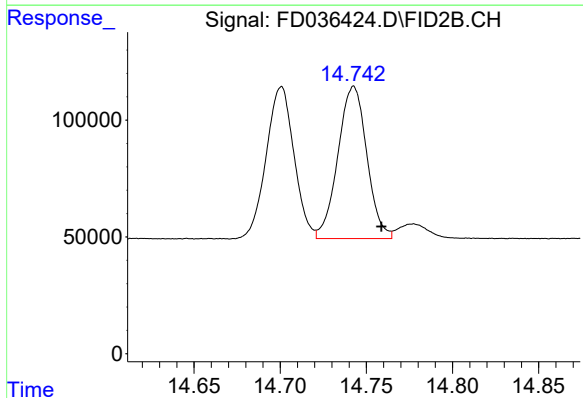
R.T.: 12.834 min  
Delta R.T.: -0.014 min  
Response: 792238  
Conc: 5.78 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



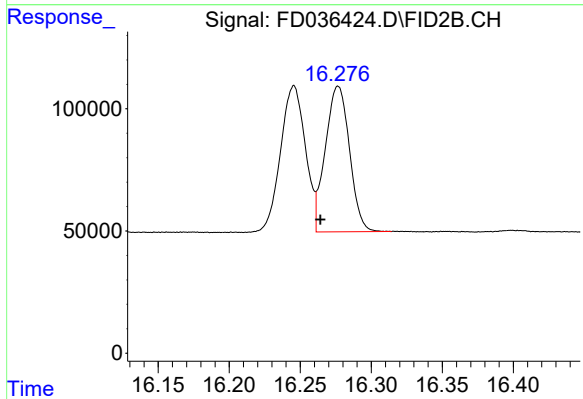
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min  
Delta R.T.: -0.016 min  
Response: 730524  
Conc: 5.78 ug/ml



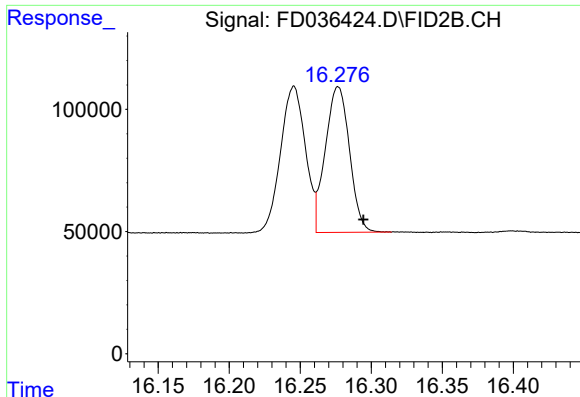
#15 Chrysene (C27.41)

R.T.: 14.743 min  
Delta R.T.: -0.016 min  
Response: 762088  
Conc: 5.88 ug/ml



#16 benzo[b]fluoranthene (C30.41)

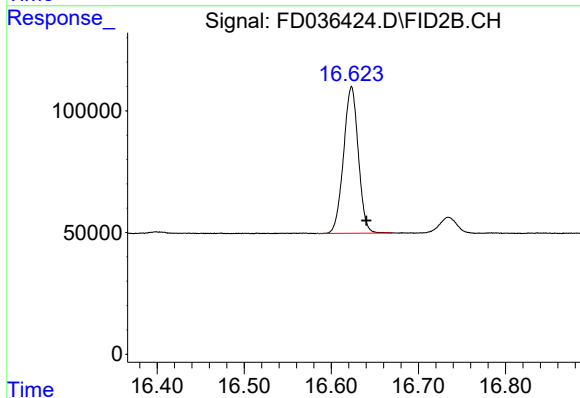
R.T.: 16.277 min  
Delta R.T.: 0.013 min  
Response: 705040  
Conc: 5.79 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

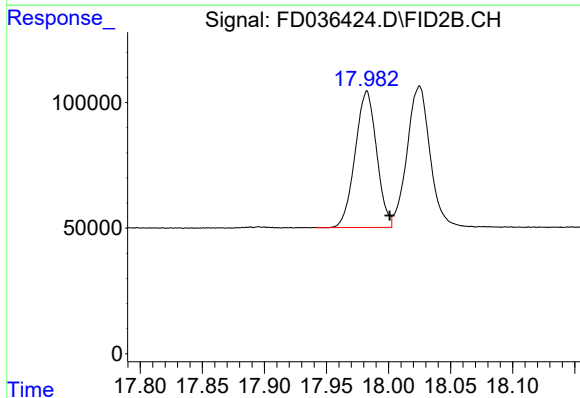
R.T.: 16.277 min  
Delta R.T.: -0.018 min  
Response: 705040  
Conc: 5.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



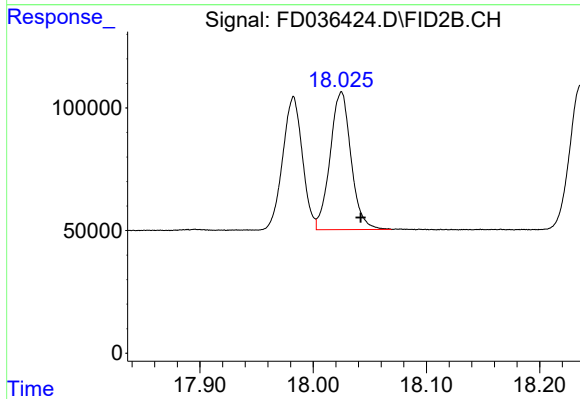
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min  
Delta R.T.: -0.017 min  
Response: 707576  
Conc: 6.42 ug/ml



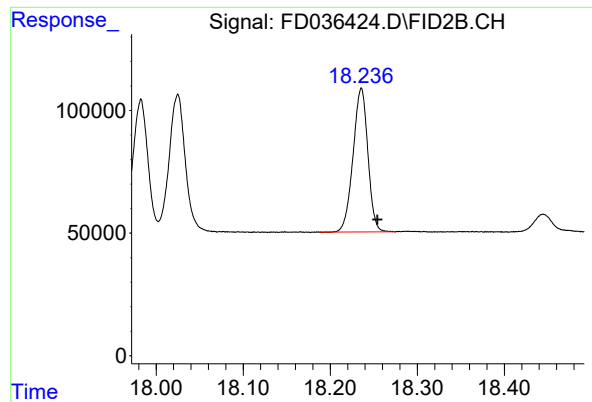
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min  
Delta R.T.: -0.019 min  
Response: 652621  
Conc: 5.90 ug/ml



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

R.T.: 18.025 min  
Delta R.T.: -0.017 min  
Response: 722768  
Conc: 6.53 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.236 min  
Delta R.T.: -0.018 min  
Response: 693114  
Conc: 6.27 ug/ml

Instrument :  
FID\_D  
ClientSampleId :