

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110818AR\  
 Data File : FD026459.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Nov 2018 7:56  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 09 08:35:30 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110818.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 08 18:15:51 2018  
 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...      | 7.395  | 1451840    | 19.121 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.24%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.246  | 1001138    | 19.146 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.29%       |
| 11) S ortho-Terphenyl (SURR)       | 11.290 | 1643733    | 19.393 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.79%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.198  | 1597429    | 20.012 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.730  | 1724013    | 19.644 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.781  | 1679614    | 19.379 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.050  | 1623966    | 19.159 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.345  | 1692485    | 19.143 ug/ml |
| 8) T Flouorene (C16.55)            | 9.123  | 1673140    | 18.985 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.513 | 1695652    | 19.315 ug/ml |
| 10) T Anthracene (C19.43)          | 10.587 | 1690488    | 19.308 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.319 | 1789185    | 20.544 ug/ml |
| 13) T Pyrene (C20.8)               | 12.613 | 1819990    | 20.998 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.482 | 1877804    | 22.082 ug/ml |
| 15) T Chrysene (C27.41)            | 14.524 | 1895415    | 22.118 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.028 | 1972438    | 21.188 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.061 | 1967482    | 21.247 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.404 | 1967859    | 20.849 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.766 | 1974682    | 20.564 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.808 | 1923277    | 20.489 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.018 | 1985292    | 20.194 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

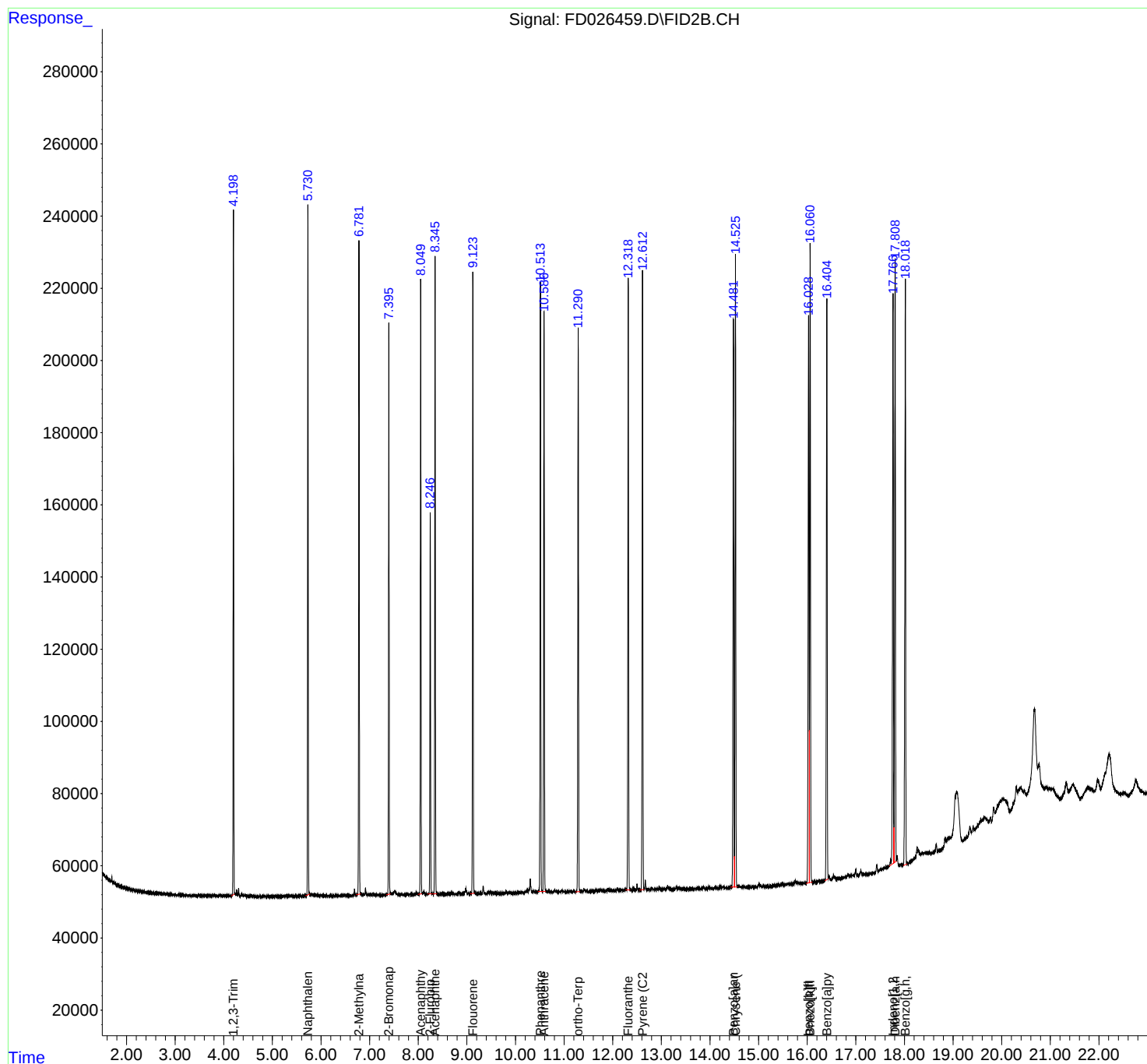
(m)=manual int.

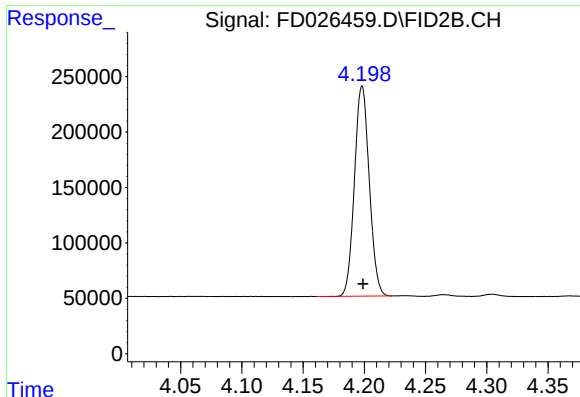
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Signal Phase : Rxi-1ms  
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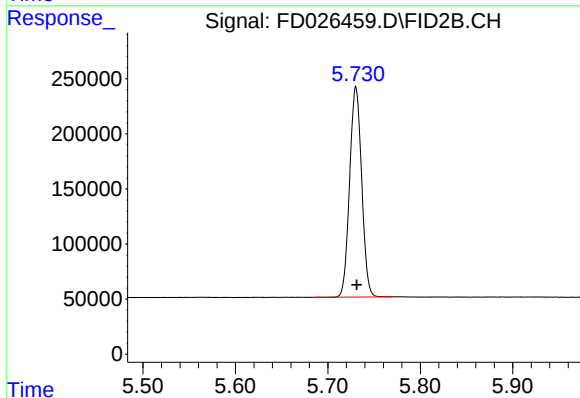




#1 1,2,3-Trimethylbenzene (C10.1)

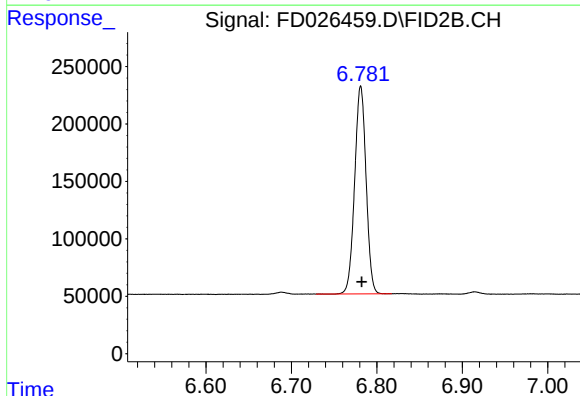
R.T.: 4.198 min  
Delta R.T.: 0.000 min  
Response: 1597429  
Conc: 20.01 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



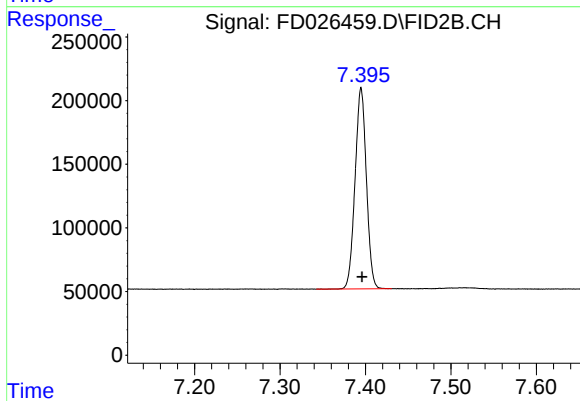
#2 Naphthalene (C11.7)

R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 1724013  
Conc: 19.64 ug/ml



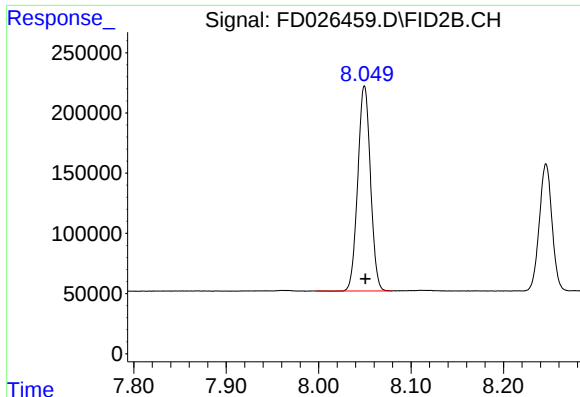
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min  
Delta R.T.: -0.001 min  
Response: 1679614  
Conc: 19.38 ug/ml



#4 2-Bromonaphthalene (SURR)

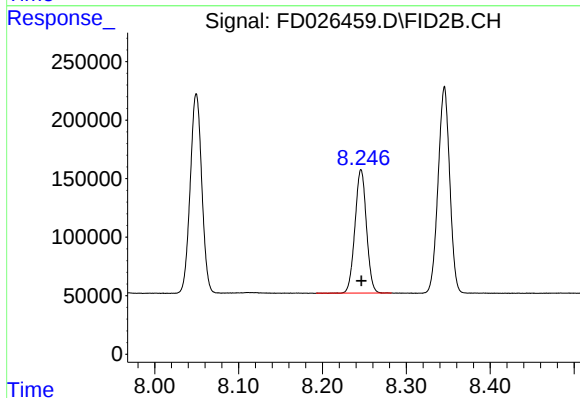
R.T.: 7.395 min  
Delta R.T.: -0.001 min  
Response: 1451840  
Conc: 19.12 ug/ml



#5 Acenaphthylene (C15.06)

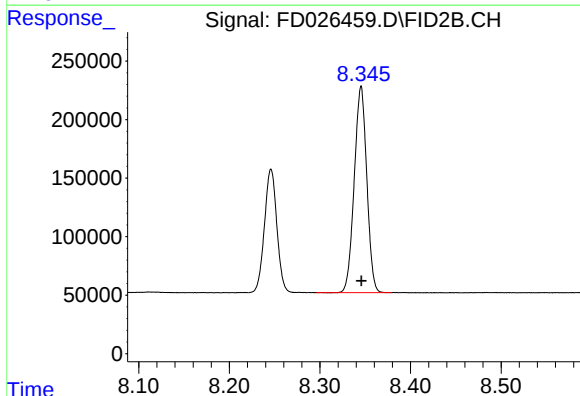
R.T.: 8.050 min  
Delta R.T.: -0.001 min  
Response: 1623966  
Conc: 19.16 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



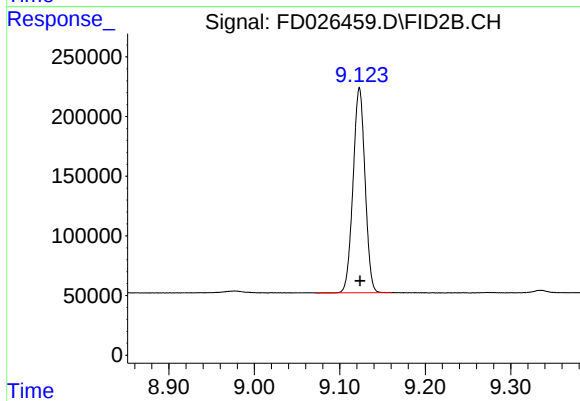
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.246 min  
Delta R.T.: 0.000 min  
Response: 1001138  
Conc: 19.15 ug/ml



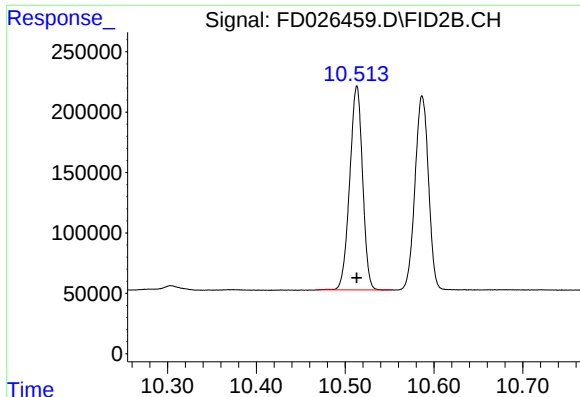
#7 Acenaphthene (C15.5)

R.T.: 8.345 min  
Delta R.T.: 0.000 min  
Response: 1692485  
Conc: 19.14 ug/ml



#8 Flouorene (C16.55)

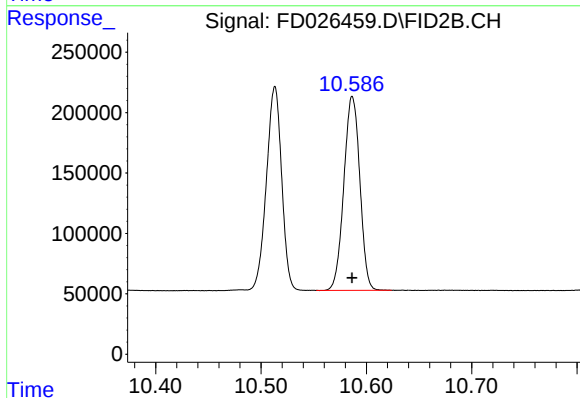
R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 1673140  
Conc: 18.98 ug/ml



#9 Phenanthrene (C19.36)

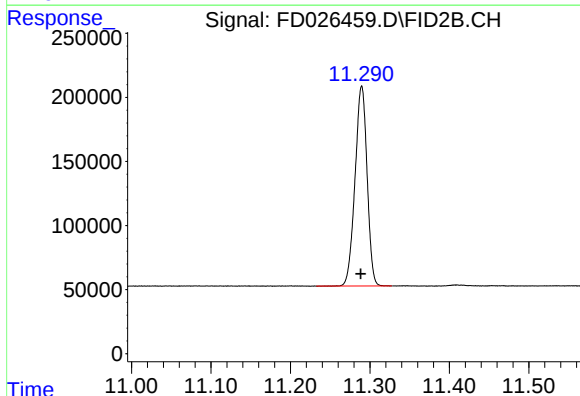
R.T.: 10.513 min  
Delta R.T.: 0.000 min  
Response: 1695652  
Conc: 19.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



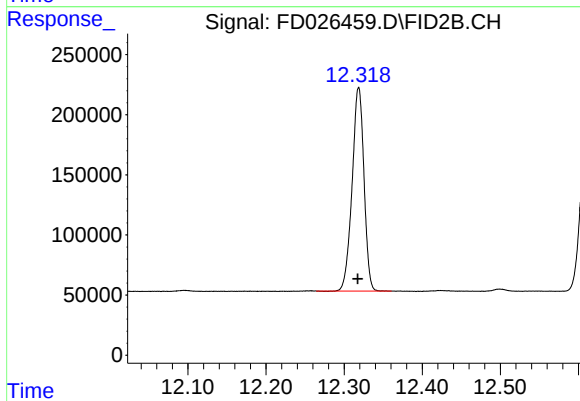
#10 Anthracene (C19.43)

R.T.: 10.587 min  
Delta R.T.: 0.000 min  
Response: 1690488  
Conc: 19.31 ug/ml



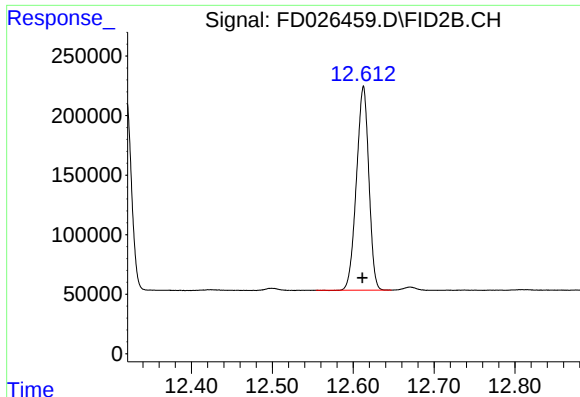
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min  
Delta R.T.: 0.001 min  
Response: 1643733  
Conc: 19.39 ug/ml



#12 Fluoranthene (C21.85)

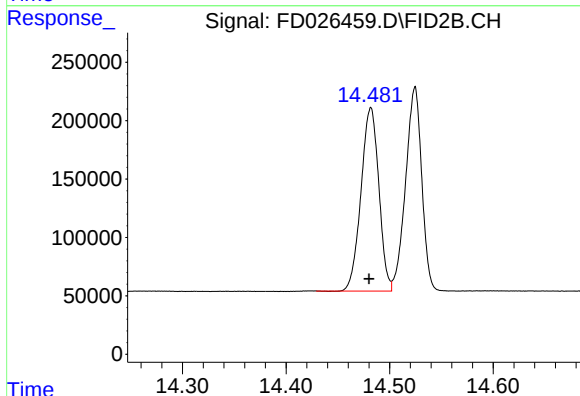
R.T.: 12.319 min  
Delta R.T.: 0.001 min  
Response: 1789185  
Conc: 20.54 ug/ml



#13 Pyrene (C20.8)

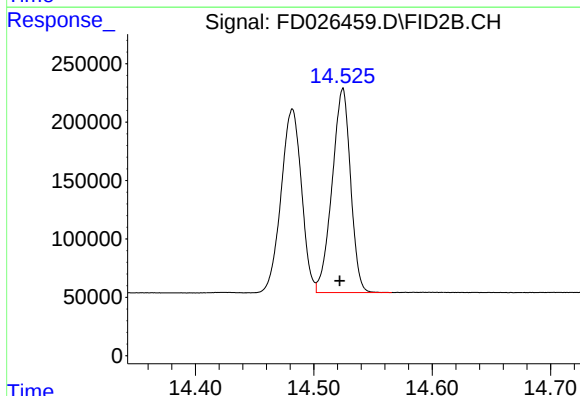
R.T.: 12.613 min  
Delta R.T.: 0.001 min  
Response: 1819990  
Conc: 21.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



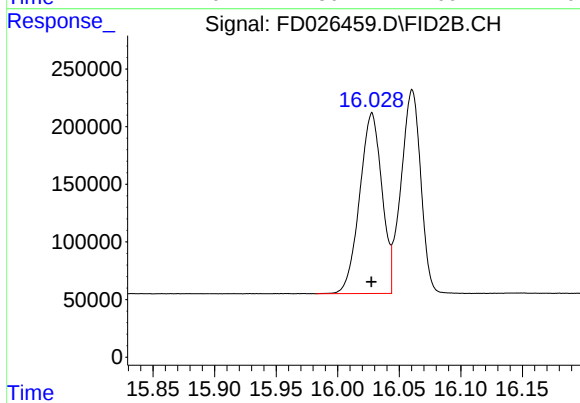
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.482 min  
Delta R.T.: 0.001 min  
Response: 1877804  
Conc: 22.08 ug/ml



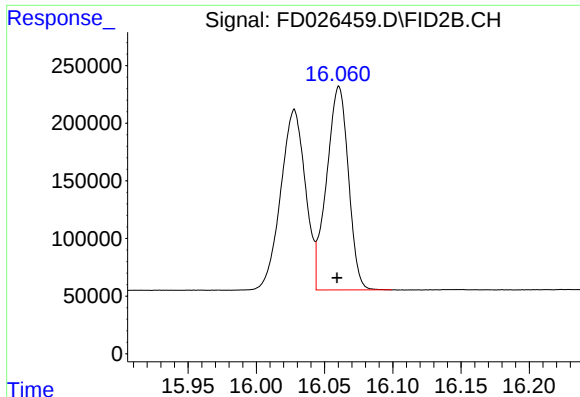
#15 Chrysene (C27.41)

R.T.: 14.524 min  
Delta R.T.: 0.002 min  
Response: 1895415  
Conc: 22.12 ug/ml



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

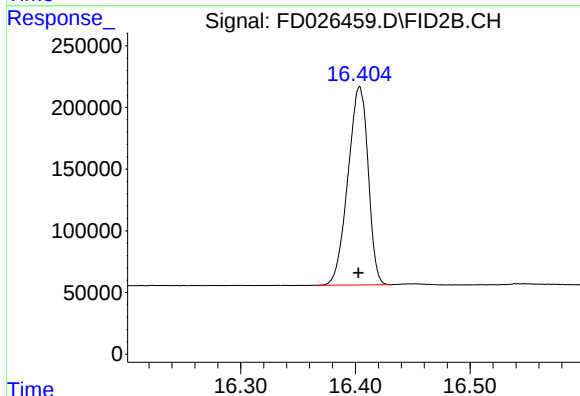
R.T.: 16.028 min  
Delta R.T.: 0.000 min  
Response: 1972438  
Conc: 21.19 ug/ml



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

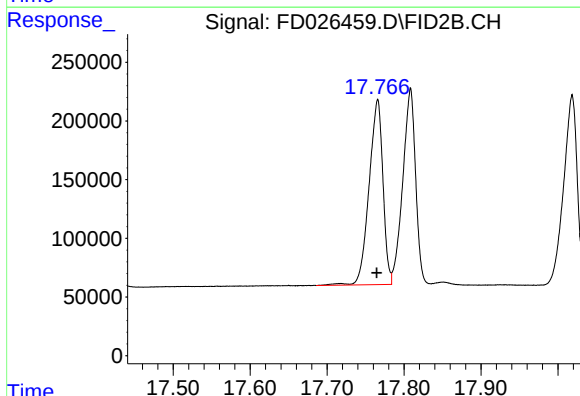
R.T.: 16.061 min  
Delta R.T.: 0.001 min  
Response: 1967482  
Conc: 21.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



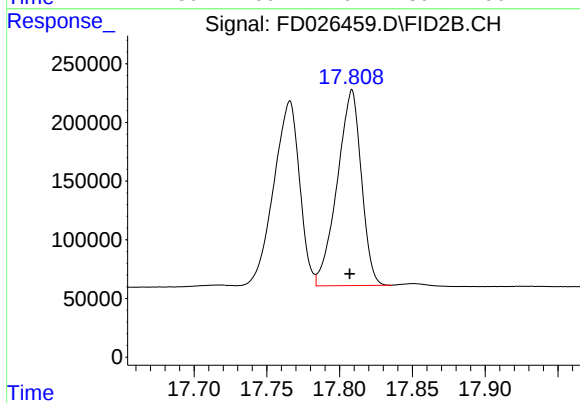
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min  
Delta R.T.: 0.000 min  
Response: 1967859  
Conc: 20.85 ug/ml



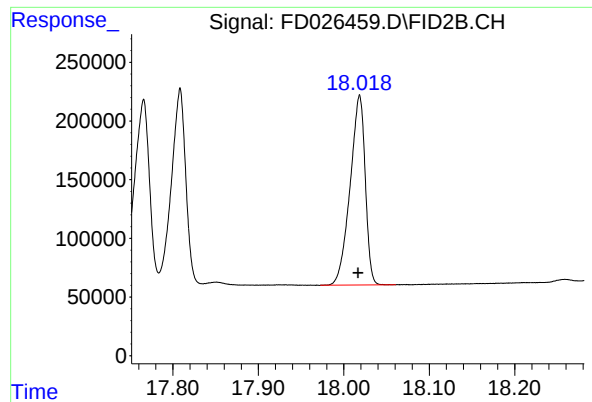
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.766 min  
Delta R.T.: 0.001 min  
Response: 1974682  
Conc: 20.56 ug/ml



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

R.T.: 17.808 min  
Delta R.T.: 0.001 min  
Response: 1923277  
Conc: 20.49 ug/ml



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

R.T.: 18.018 min  
Delta R.T.: 0.002 min  
Response: 1985292  
Conc: 20.19 ug/ml

Instrument :  
FID\_D  
ClientSampleId :