

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101922AR\  
 Data File : FD044174.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Oct 2022 09:45  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Oct 19 16:28:27 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 14 01:33:37 2022  
 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...      | 7.417  | 2313813    | 18.636 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.27%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.274  | 1375176    | 18.263 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.53%       |
| 11) S ortho-Terphenyl (SURR)       | 11.300 | 3118781    | 18.426 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.85%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.226  | 2641104    | 18.711 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.758  | 2606223    | 19.010 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.804  | 2630578    | 18.556 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.072  | 2592012    | 18.477 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.363  | 2901104    | 18.656 ug/ml |
| 8) T Flouorene (C16.55)            | 9.145  | 2609187    | 18.547 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.536 | 2505736    | 18.606 ug/ml |
| 10) T Anthracene (C19.43)          | 10.612 | 2398649    | 17.851 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.341 | 2538358    | 19.007 ug/ml |
| 13) T Pyrene (C20.8)               | 12.635 | 2357181    | 18.662 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.505 | 2054673    | 19.344 ug/ml |
| 15) T Chrysene (C27.41)            | 14.547 | 2599963    | 19.834 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.051 | 2197153    | 19.578 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.081 | 2451587    | 19.269 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.431 | 2024202    | 17.420 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.795 | 2108628    | 19.779 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.830 | 2401252    | 19.409 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.044 | 2248055    | 19.149 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

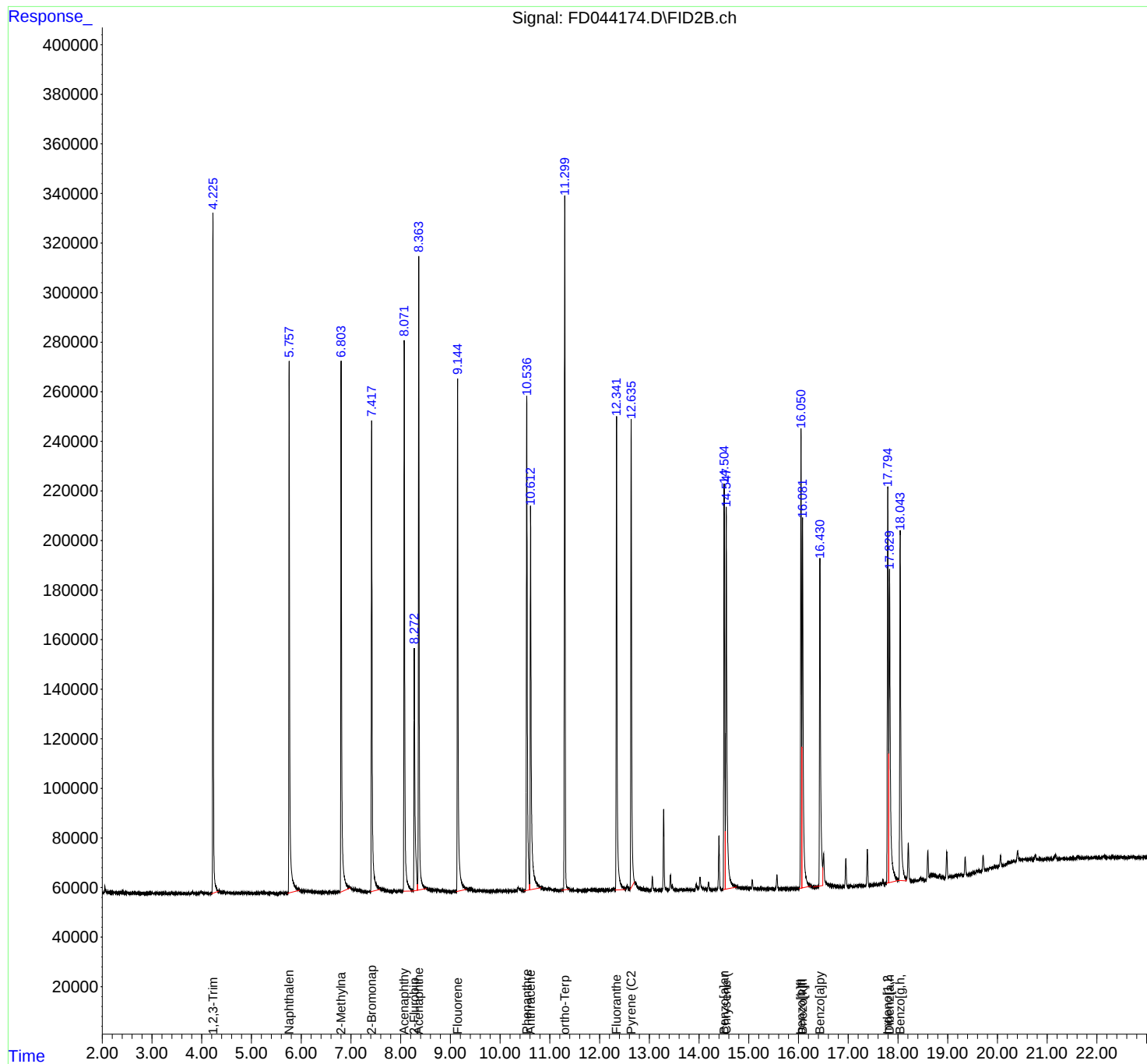
(m)=manual int.

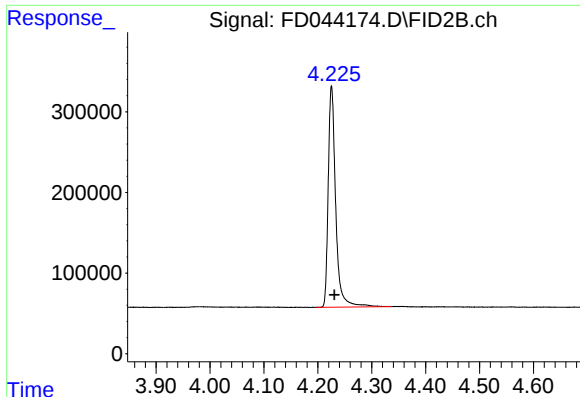
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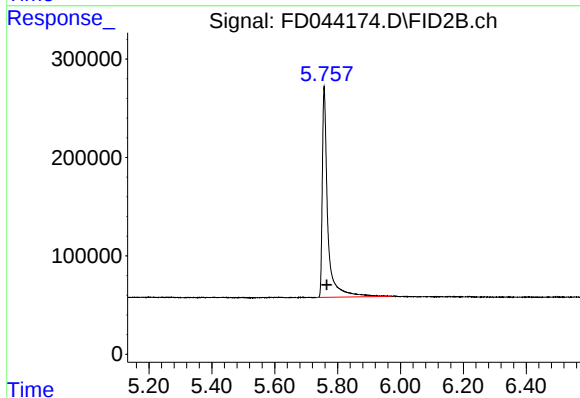




#1 1,2,3-Trimethylbenzene (C10.1)

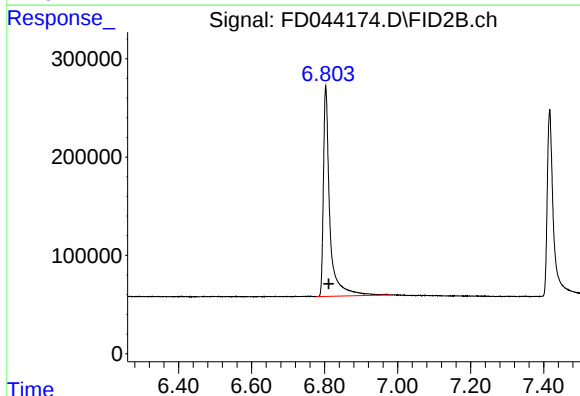
R.T.: 4.226 min  
Delta R.T.: -0.005 min  
Response: 2641104  
Conc: 18.71 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



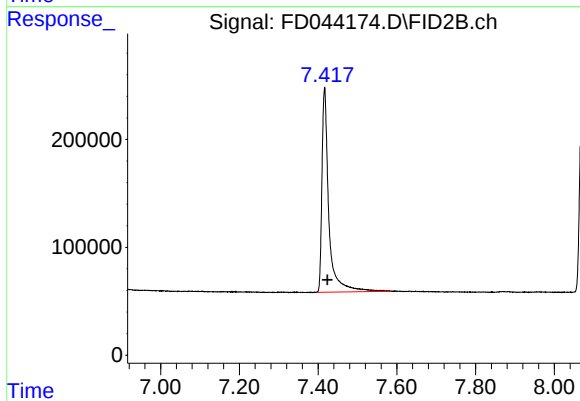
#2 Naphthalene (C11.7)

R.T.: 5.758 min  
Delta R.T.: -0.008 min  
Response: 2606223  
Conc: 19.01 ug/ml



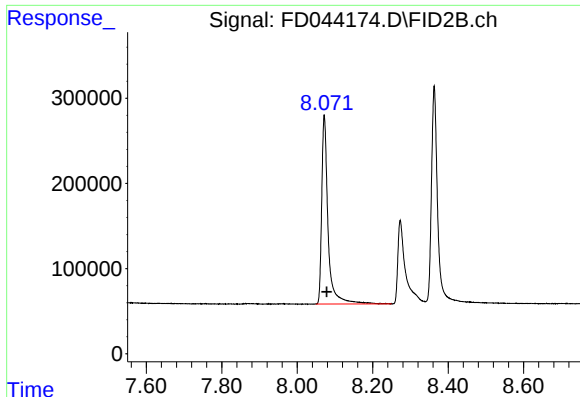
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min  
Delta R.T.: -0.008 min  
Response: 2630578  
Conc: 18.56 ug/ml



#4 2-Bromonaphthalene (SURR)

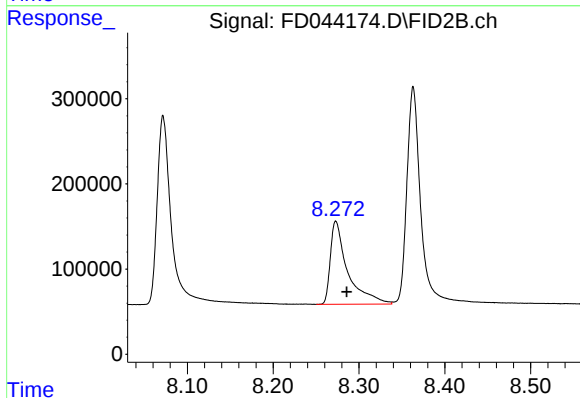
R.T.: 7.417 min  
Delta R.T.: -0.007 min  
Response: 2313813  
Conc: 18.64 ug/ml



#5 Acenaphthylene (C15.06)

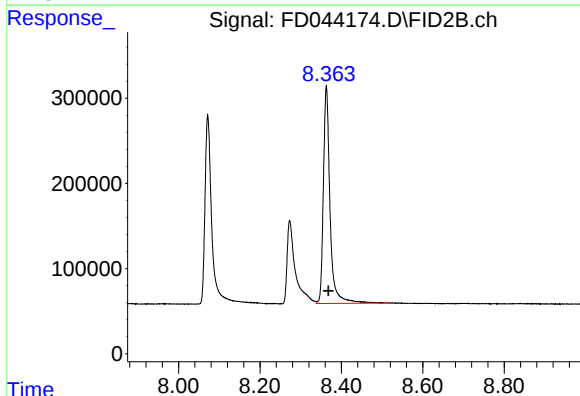
R.T.: 8.072 min  
Delta R.T.: -0.006 min  
Response: 2592012  
Conc: 18.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



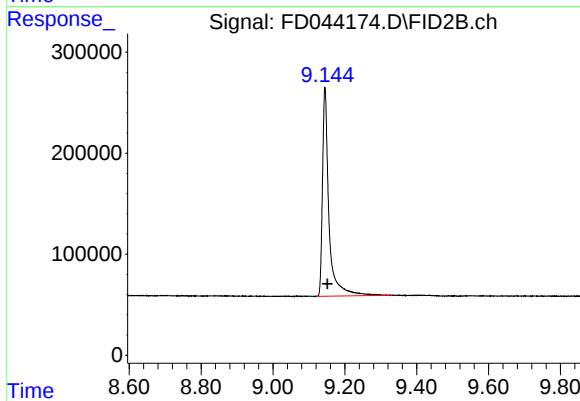
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min  
Delta R.T.: -0.012 min  
Response: 1375176  
Conc: 18.26 ug/ml



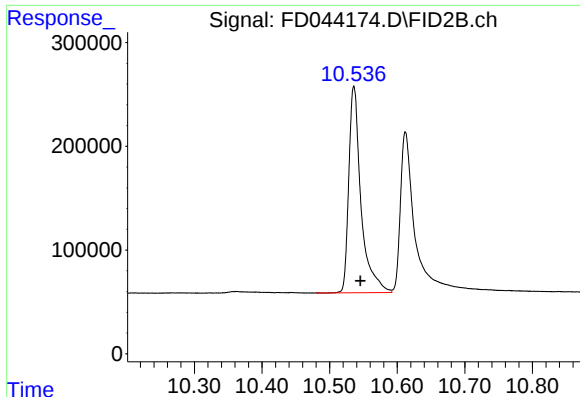
#7 Acenaphthene (C15.5)

R.T.: 8.363 min  
Delta R.T.: -0.005 min  
Response: 2901104  
Conc: 18.66 ug/ml



#8 Flouorene (C16.55)

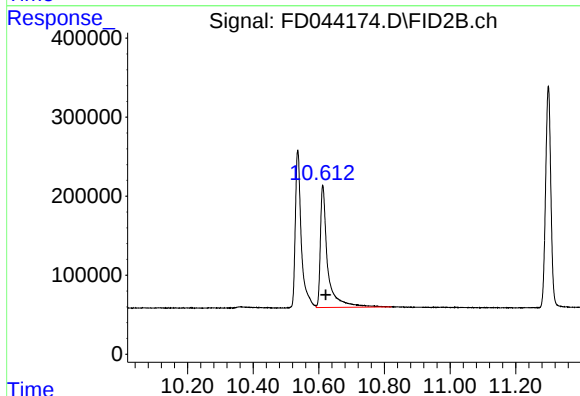
R.T.: 9.145 min  
Delta R.T.: -0.007 min  
Response: 2609187  
Conc: 18.55 ug/ml



#9 Phenanthrene (C19.36)

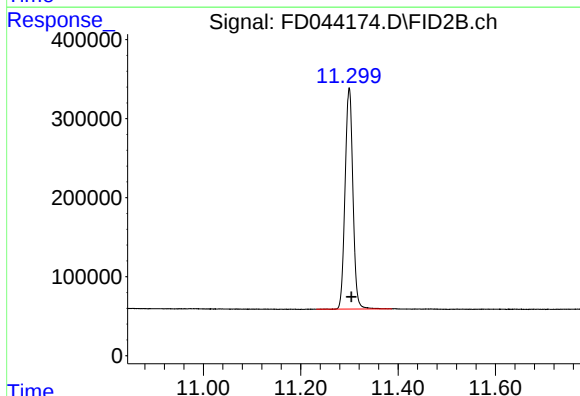
R.T.: 10.536 min  
Delta R.T.: -0.009 min  
Response: 2505736  
Conc: 18.61 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



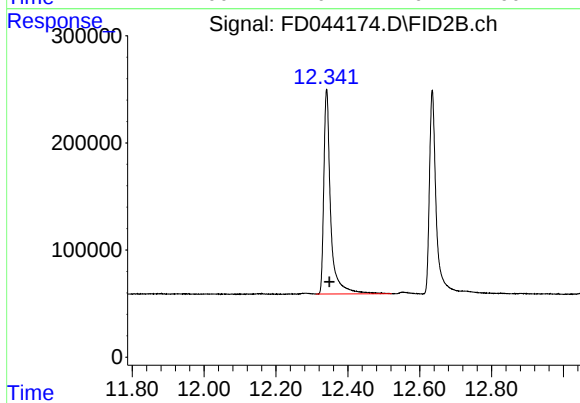
#10 Anthracene (C19.43)

R.T.: 10.612 min  
Delta R.T.: -0.009 min  
Response: 2398649  
Conc: 17.85 ug/ml



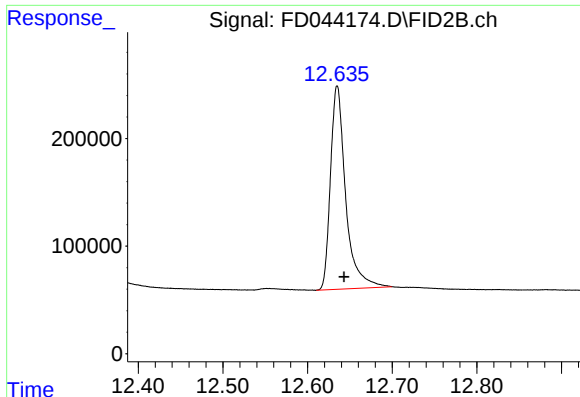
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min  
Delta R.T.: -0.005 min  
Response: 3118781  
Conc: 18.43 ug/ml



#12 Fluoranthene (C21.85)

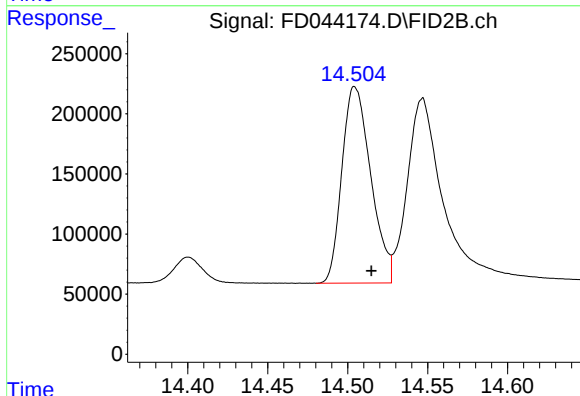
R.T.: 12.341 min  
Delta R.T.: -0.008 min  
Response: 2538358  
Conc: 19.01 ug/ml



#13 Pyrene (C20.8)

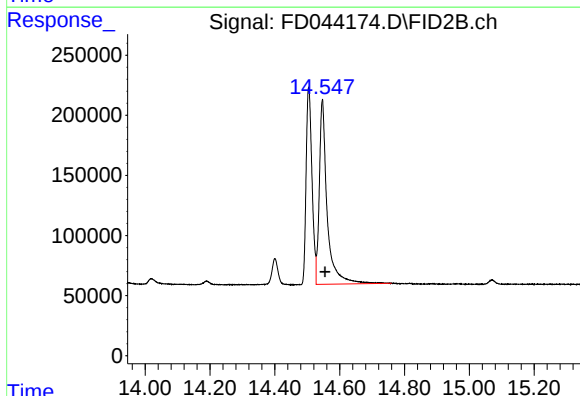
R.T.: 12.635 min  
Delta R.T.: -0.008 min  
Response: 2357181  
Conc: 18.66 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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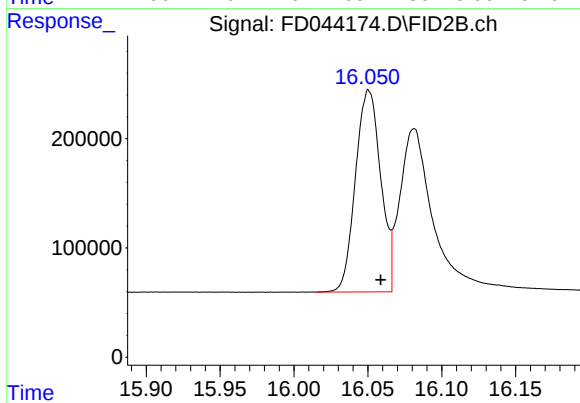
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min  
Delta R.T.: -0.010 min  
Response: 2054673  
Conc: 19.34 ug/ml



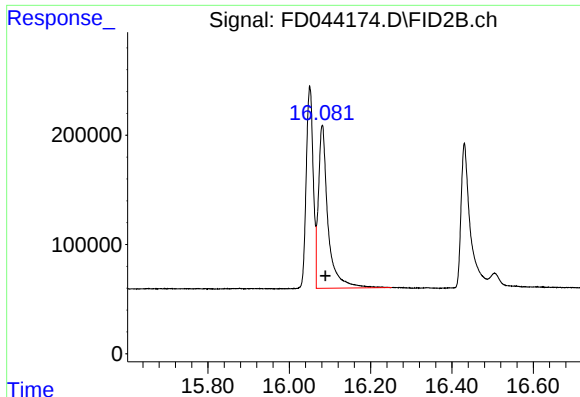
#15 Chrysene (C27.41)

R.T.: 14.547 min  
Delta R.T.: -0.008 min  
Response: 2599963  
Conc: 19.83 ug/ml



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

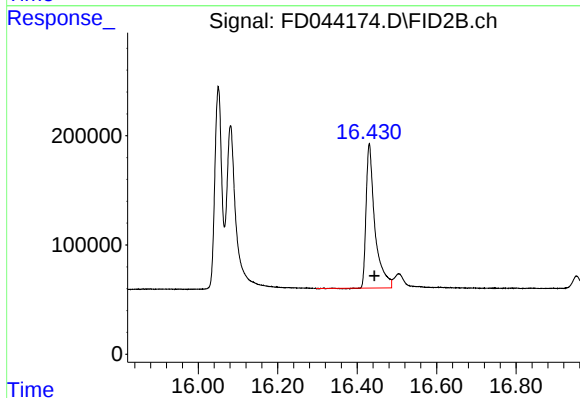
R.T.: 16.051 min  
Delta R.T.: -0.008 min  
Response: 2197153  
Conc: 19.58 ug/ml



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

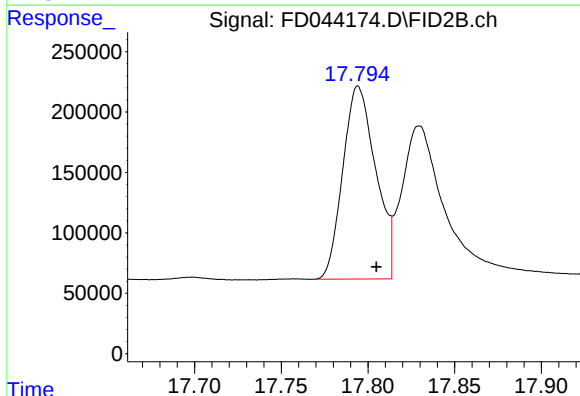
R.T.: 16.081 min  
Delta R.T.: -0.008 min  
Response: 2451587  
Conc: 19.27 ug/ml

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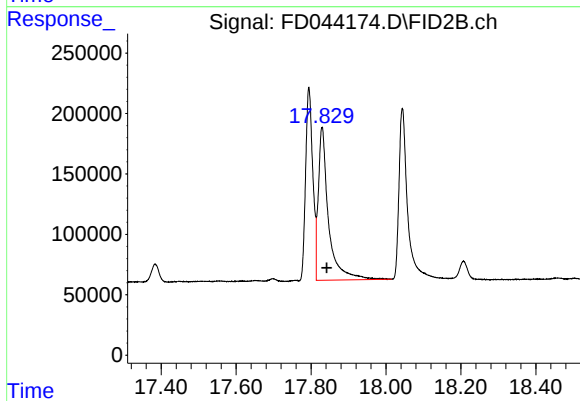
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min  
Delta R.T.: -0.013 min  
Response: 2024202  
Conc: 17.42 ug/ml



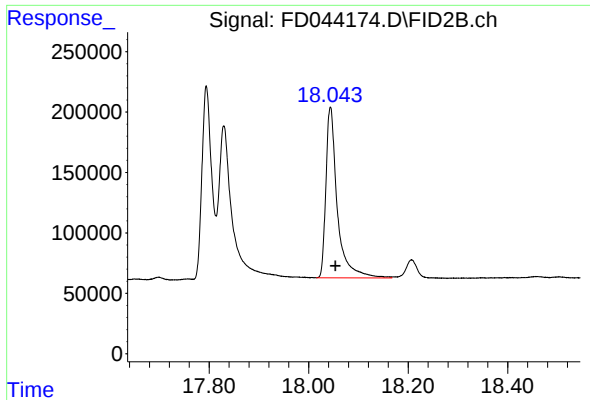
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min  
Delta R.T.: -0.010 min  
Response: 2108628  
Conc: 19.78 ug/ml



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

R.T.: 17.830 min  
Delta R.T.: -0.012 min  
Response: 2401252  
Conc: 19.41 ug/ml



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

R.T.: 18.044 min  
Delta R.T.: -0.010 min  
Response: 2248055  
Conc: 19.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD