

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030920AR\  
 Data File : FD032525.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Mar 2020 10:10  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 10 09:04:19 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:14:19 2020  
 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...      | 7.618  | 2466321    | 19.082 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.16%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.480  | 1629762    | 18.461 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.92%       |
| 11) S ortho-Terphenyl (SURR)       | 11.516 | 2529547    | 18.244 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.49%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.423  | 2752131    | 20.690 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.959  | 2803392    | 19.730 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.009  | 2738521    | 19.292 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.283  | 2536846    | 18.545 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.578  | 2646599    | 18.745 ug/ml |
| 8) T Flouorene (C16.55)            | 9.357  | 2554494    | 18.223 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.752 | 2499031    | 17.882 ug/ml |
| 10) T Anthracene (C19.43)          | 10.826 | 2314908    | 16.534 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.560 | 2413388    | 17.207 ug/ml |
| 13) T Pyrene (C20.8)               | 12.857 | 2374928    | 17.273 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.727 | 2202612    | 16.880 ug/ml |
| 15) T Chrysene (C27.41)            | 14.769 | 2295564    | 17.052 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.276 | 2249568    | 17.535 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.308 | 2277652    | 17.350 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.654 | 2239246    | 17.578 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.019 | 2183357    | 18.322 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.058 | 2303499    | 18.218 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.274 | 2241690    | 18.962 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

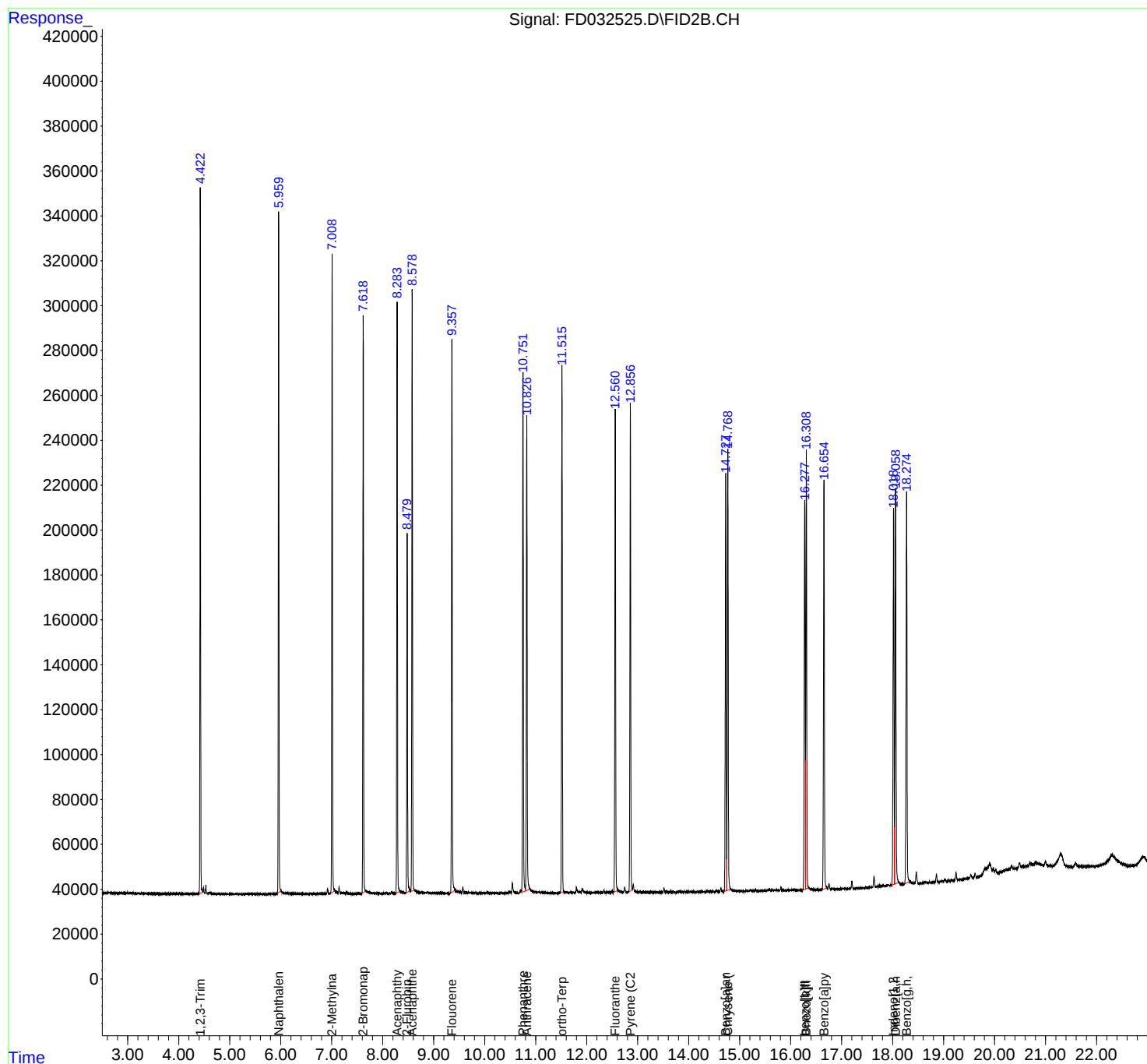
(m)=manual int.

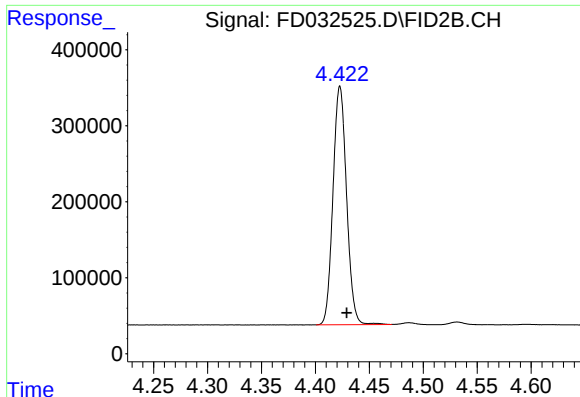
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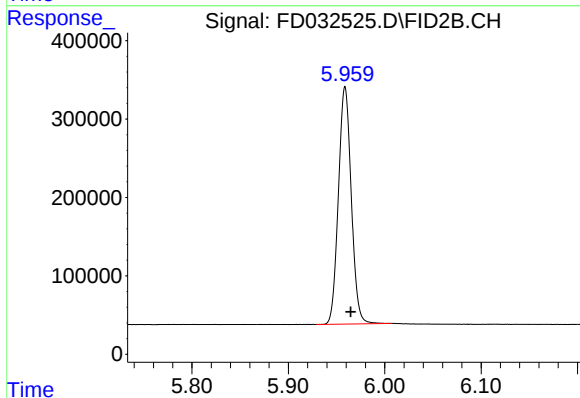




#1 1,2,3-Trimethylbenzene (C10.1)

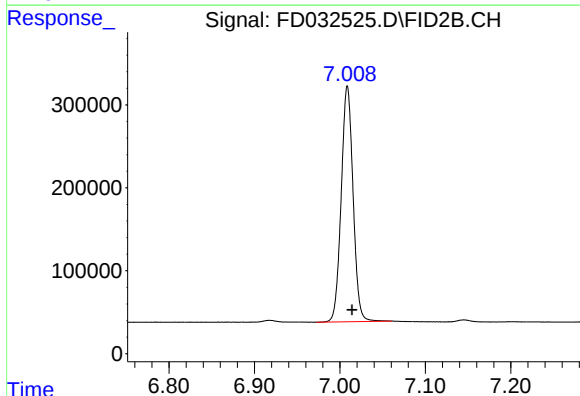
R.T.: 4.423 min  
Delta R.T.: -0.006 min  
Response: 2752131  
Conc: 20.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



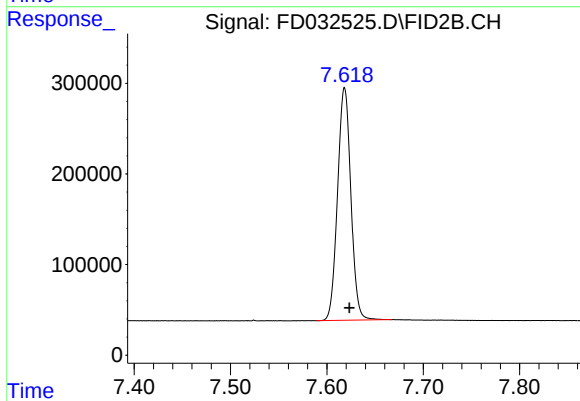
#2 Naphthalene (C11.7)

R.T.: 5.959 min  
Delta R.T.: -0.006 min  
Response: 2803392  
Conc: 19.73 ug/ml



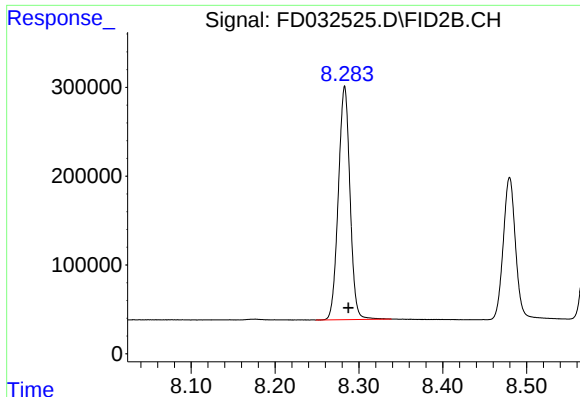
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min  
Delta R.T.: -0.005 min  
Response: 2738521  
Conc: 19.29 ug/ml



#4 2-Bromonaphthalene (SURR)

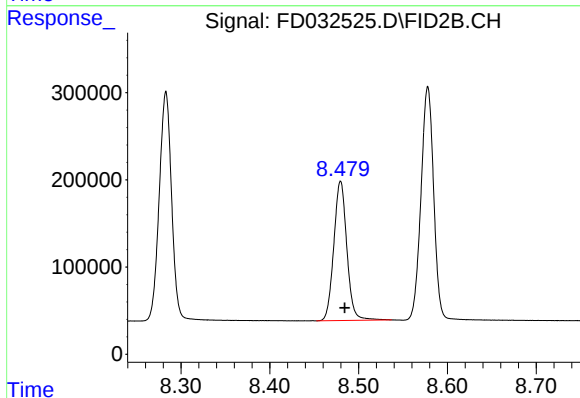
R.T.: 7.618 min  
Delta R.T.: -0.005 min  
Response: 2466321  
Conc: 19.08 ug/ml



#5 Acenaphthylene (C15.06)

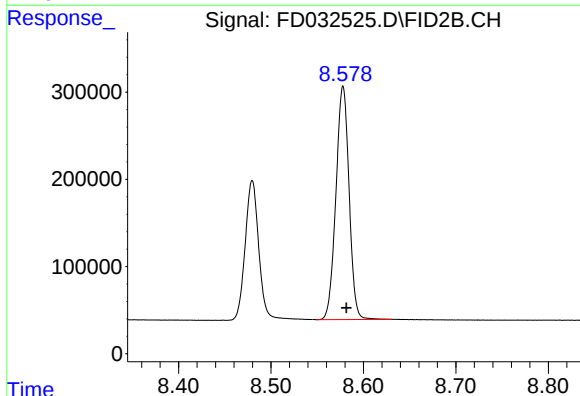
R.T.: 8.283 min  
Delta R.T.: -0.004 min  
Response: 2536846  
Conc: 18.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



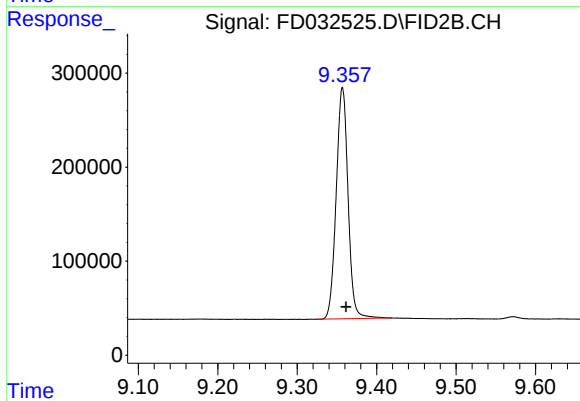
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min  
Delta R.T.: -0.005 min  
Response: 1629762  
Conc: 18.46 ug/ml



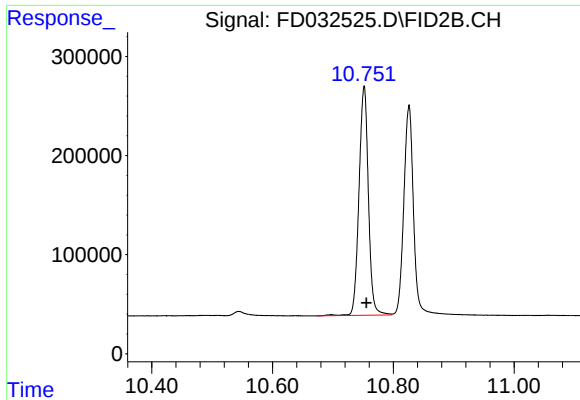
#7 Acenaphthene (C15.5)

R.T.: 8.578 min  
Delta R.T.: -0.004 min  
Response: 2646599  
Conc: 18.75 ug/ml



#8 Fluorene (C16.55)

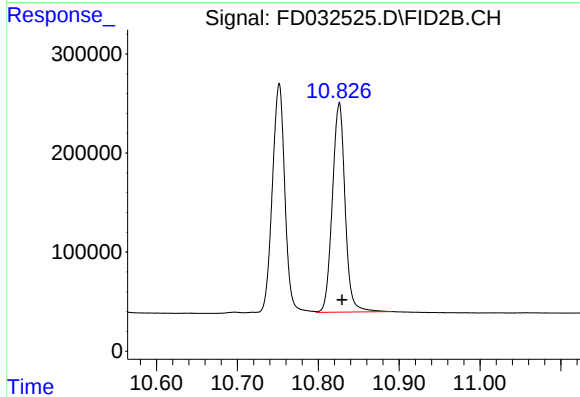
R.T.: 9.357 min  
Delta R.T.: -0.005 min  
Response: 2554494  
Conc: 18.22 ug/ml



#9 Phenanthrene (C19.36)

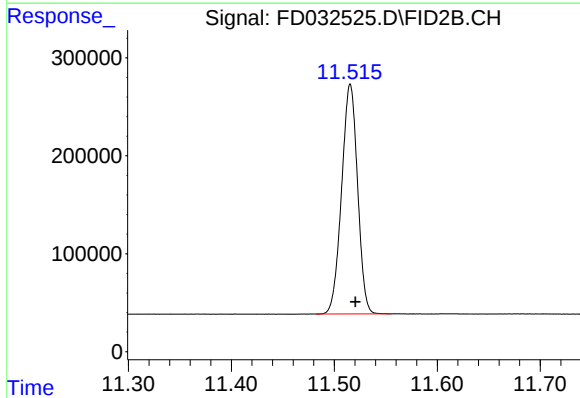
R.T.: 10.752 min  
Delta R.T.: -0.004 min  
Response: 2499031  
Conc: 17.88 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



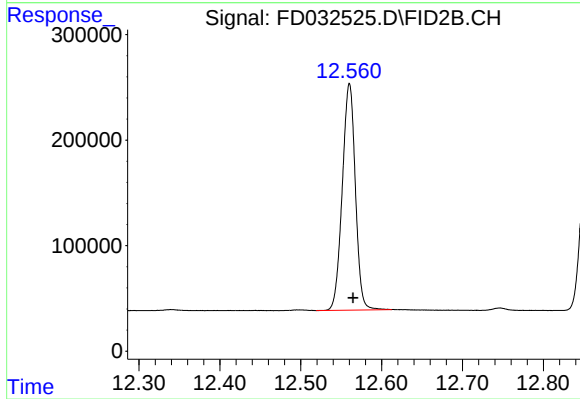
#10 Anthracene (C19.43)

R.T.: 10.826 min  
Delta R.T.: -0.003 min  
Response: 2314908  
Conc: 16.53 ug/ml



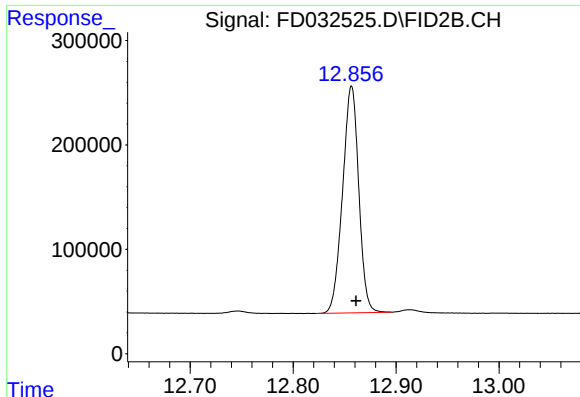
#11 ortho-Terphenyl (SURR)

R.T.: 11.516 min  
Delta R.T.: -0.005 min  
Response: 2529547  
Conc: 18.24 ug/ml



#12 Fluoranthene (C21.85)

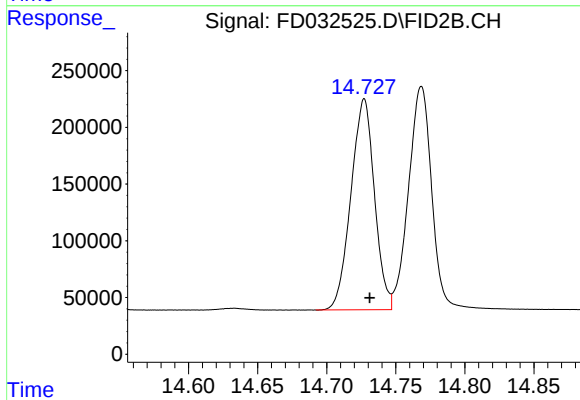
R.T.: 12.560 min  
Delta R.T.: -0.005 min  
Response: 2413388  
Conc: 17.21 ug/ml



#13 Pyrene (C20.8)

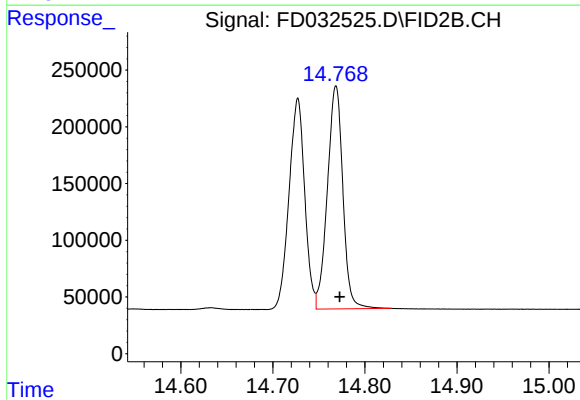
R.T.: 12.857 min  
Delta R.T.: -0.004 min  
Response: 2374928  
Conc: 17.27 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



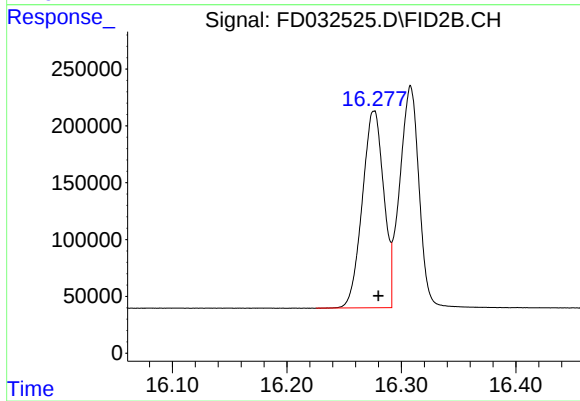
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.727 min  
Delta R.T.: -0.004 min  
Response: 2202612  
Conc: 16.88 ug/ml



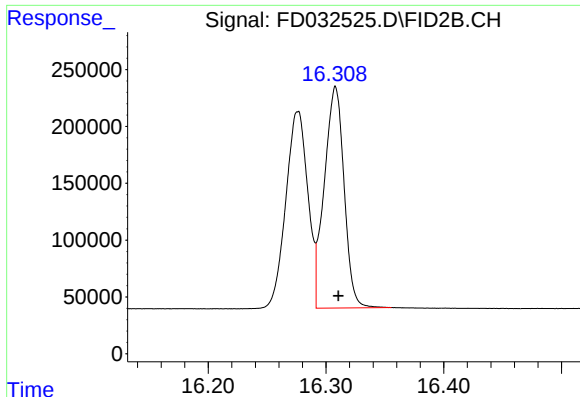
#15 Chrysene (C27.41)

R.T.: 14.769 min  
Delta R.T.: -0.004 min  
Response: 2295564  
Conc: 17.05 ug/ml



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

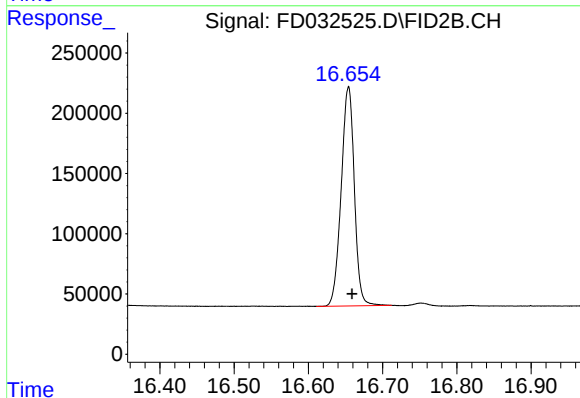
R.T.: 16.276 min  
Delta R.T.: -0.004 min  
Response: 2249568  
Conc: 17.54 ug/ml



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

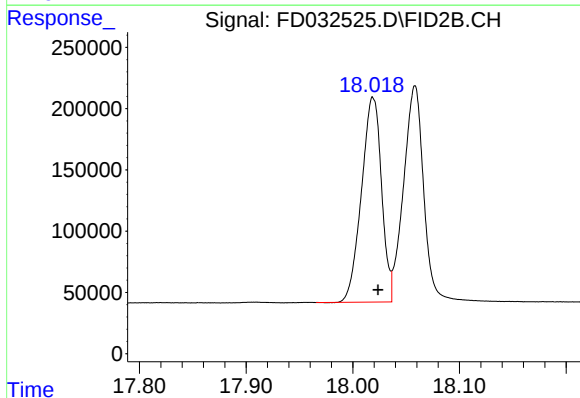
R.T.: 16.308 min  
Delta R.T.: -0.002 min  
Response: 2277652  
Conc: 17.35 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



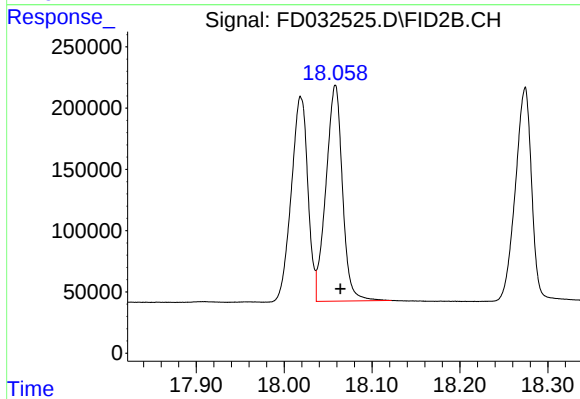
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min  
Delta R.T.: -0.005 min  
Response: 2239246  
Conc: 17.58 ug/ml



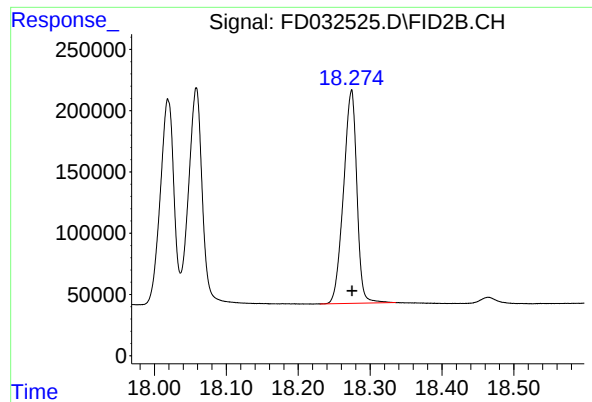
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min  
Delta R.T.: -0.005 min  
Response: 2183357  
Conc: 18.32 ug/ml



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

R.T.: 18.058 min  
Delta R.T.: -0.006 min  
Response: 2303499  
Conc: 18.22 ug/ml



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

R.T.: 18.274 min  
Delta R.T.: 0.000 min  
Response: 2241690  
Conc: 18.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :