

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052224AR\  
 Data File : FF014263.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 May 2024 10:26  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD3  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 22 11:49:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 052224.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 11:48:17 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...      | 7.901  | 2098733    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.773  | 1192070    | 20.000 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.00%       |
| 11) S ortho-Terphenyl (SURR)       | 11.834 | 2669834    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.515  | 2549355    | 20.000 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.180  | 2496341    | 20.000 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.274  | 2242603    | 20.000 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.572  | 2469163    | 20.000 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.871  | 2607211    | 20.000 ug/ml |
| 8) T Flouorene (C16.55)            | 9.659  | 1940695    | 20.000 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.063 | 1998584    | 20.000 ug/ml |
| 10) T Anthracene (C19.43)          | 11.138 | 1849066    | 20.000 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.881 | 2285996    | 20.000 ug/ml |
| 13) T Pyrene (C20.8)               | 13.179 | 2316814    | 20.000 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.058 | 1063526    | 20.000 ug/ml |
| 15) T Chrysene (C27.41)            | 15.099 | 1792071    | 20.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.615 | 2005854    | 20.000 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.647 | 2050086    | 20.000 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.995 | 1812082    | 20.000 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.368 | 1292595    | 20.000 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.410 | 1273432    | 20.000 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.620 | 2396876    | 20.000 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

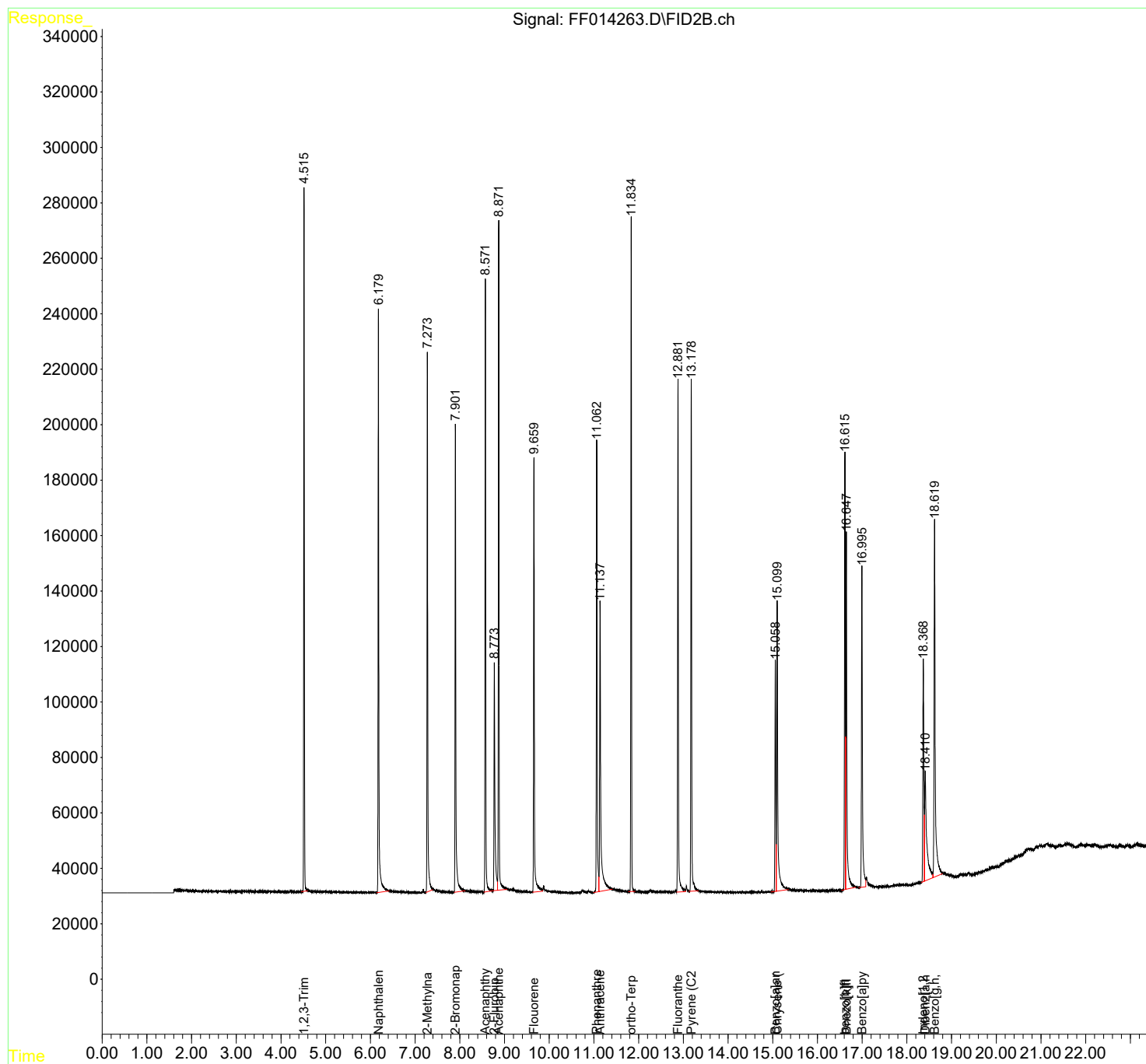
(m)=manual int.

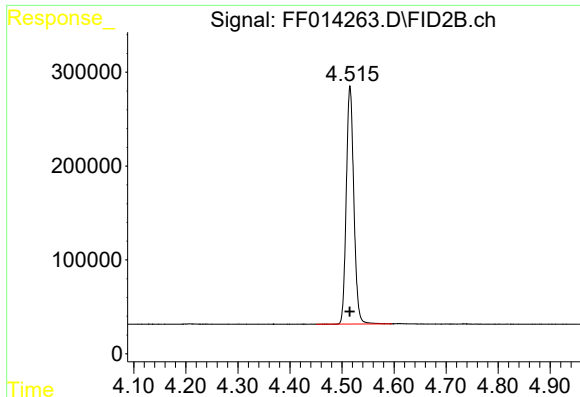
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Signal Info : 20M x 0.18mm x 0.18µm

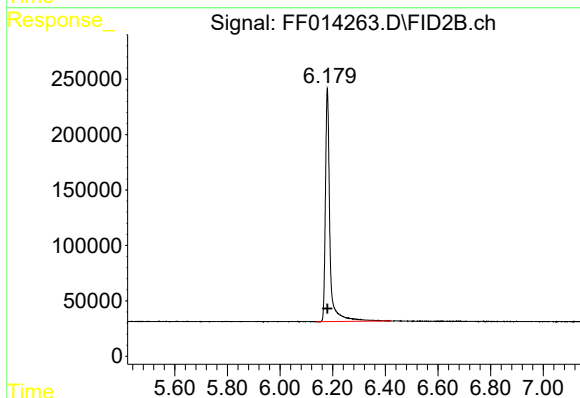




#1 1,2,3-Trimethylbenzene (C10.1)

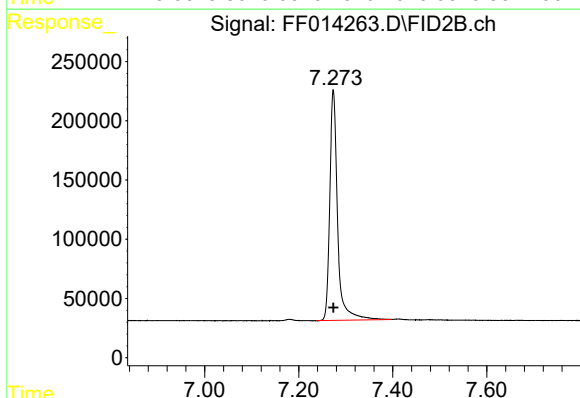
R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 2549355  
Conc: 20.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



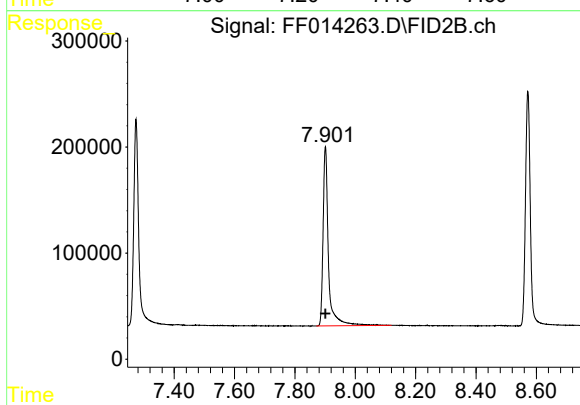
#2 Naphthalene (C11.7)

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 2496341  
Conc: 20.00 ug/ml



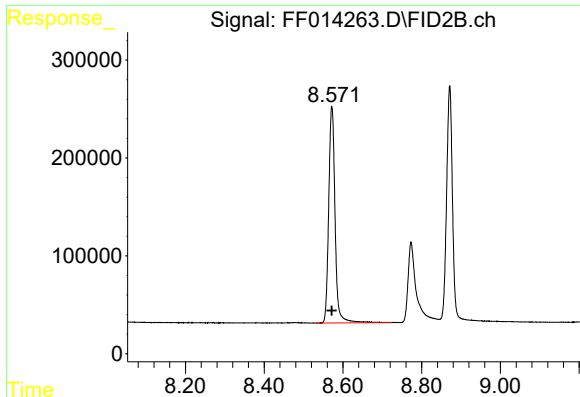
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.274 min  
Delta R.T.: 0.000 min  
Response: 2242603  
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

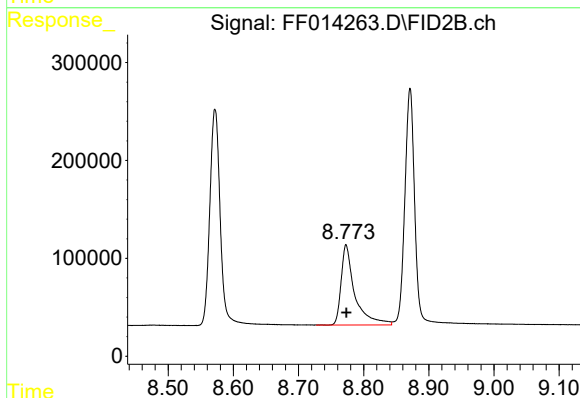
R.T.: 7.901 min  
Delta R.T.: 0.000 min  
Response: 2098733  
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

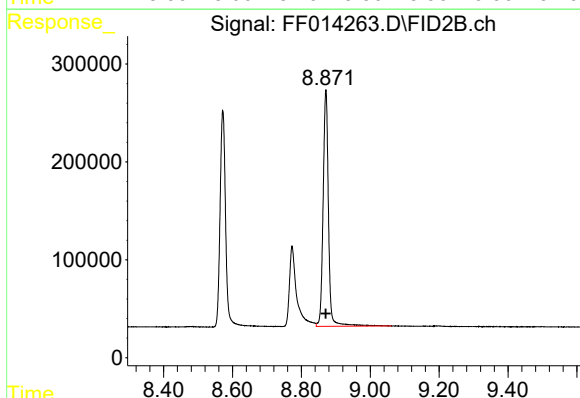
R.T.: 8.572 min  
Delta R.T.: 0.000 min  
Response: 2469163  
Conc: 20.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



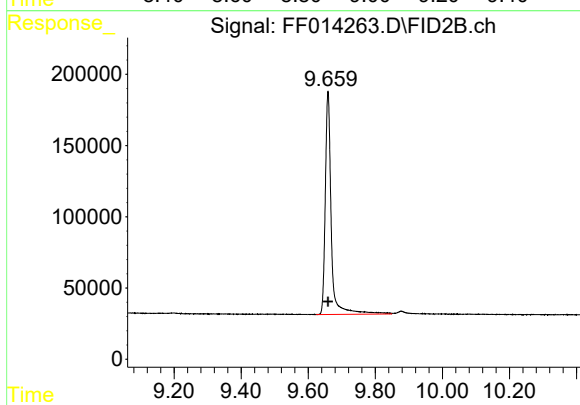
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.773 min  
Delta R.T.: 0.000 min  
Response: 1192070  
Conc: 20.00 ug/ml



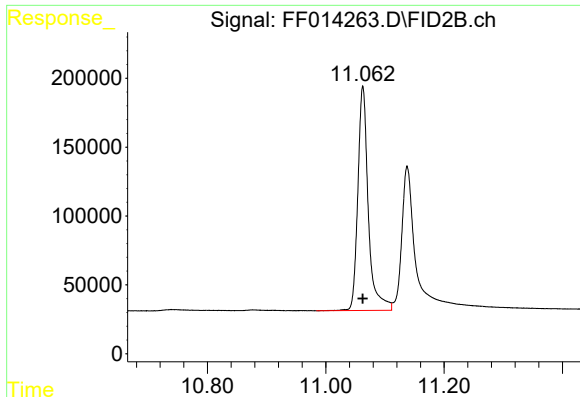
#7 Acenaphthene (C15.5)

R.T.: 8.871 min  
Delta R.T.: 0.000 min  
Response: 2607211  
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

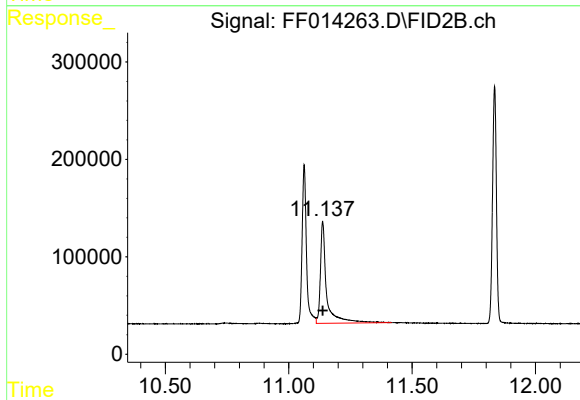
R.T.: 9.659 min  
Delta R.T.: 0.000 min  
Response: 1940695  
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

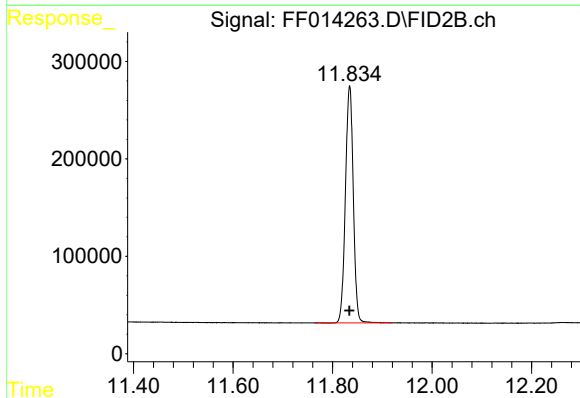
R.T.: 11.063 min  
Delta R.T.: 0.000 min  
Response: 1998584  
Conc: 20.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



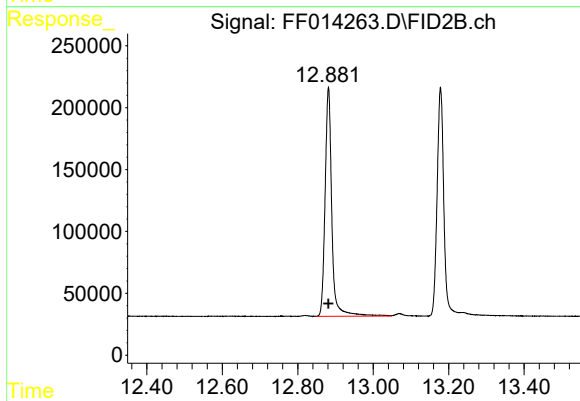
#10 Anthracene (C19.43)

R.T.: 11.138 min  
Delta R.T.: 0.000 min  
Response: 1849066  
Conc: 20.00 ug/ml



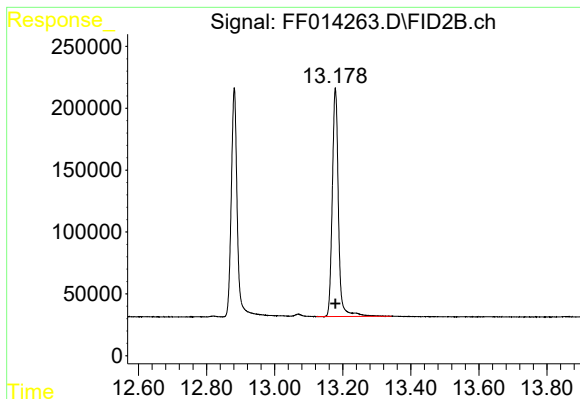
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min  
Delta R.T.: 0.000 min  
Response: 2669834  
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

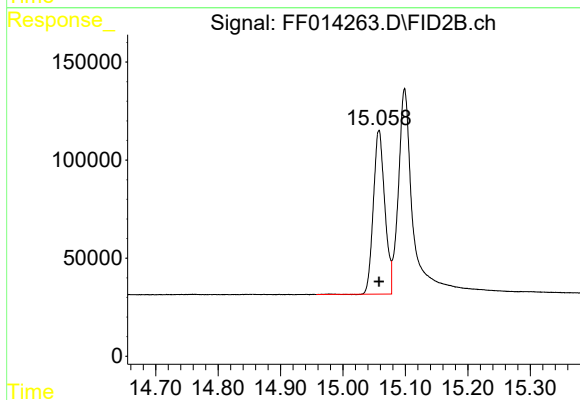
R.T.: 12.881 min  
Delta R.T.: 0.000 min  
Response: 2285996  
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

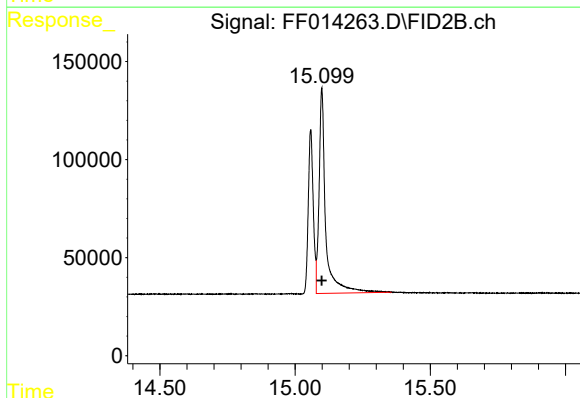
R.T.: 13.179 min  
Delta R.T.: 0.000 min  
Response: 2316814  
Conc: 20.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



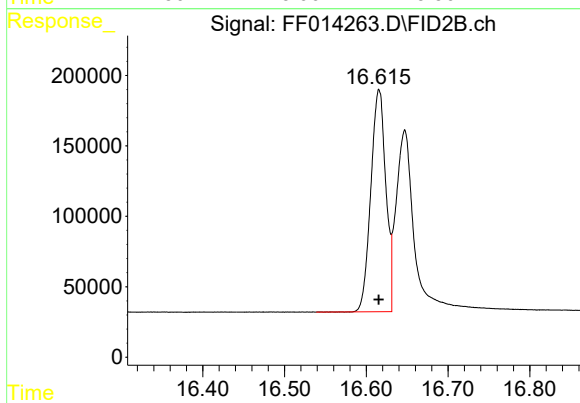
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.058 min  
Delta R.T.: 0.000 min  
Response: 1063526  
Conc: 20.00 ug/ml



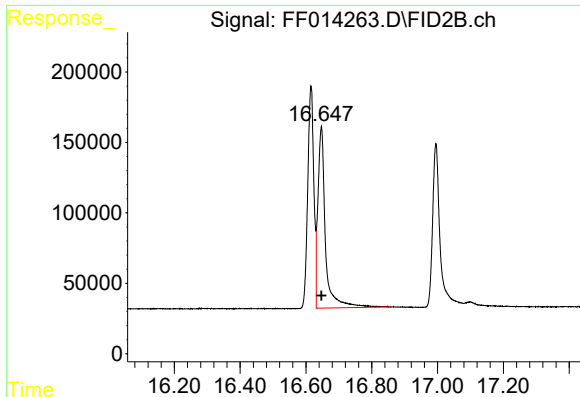
#15 Chrysene (C27.41)

R.T.: 15.099 min  
Delta R.T.: 0.000 min  
Response: 1792071  
Conc: 20.00 ug/ml



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

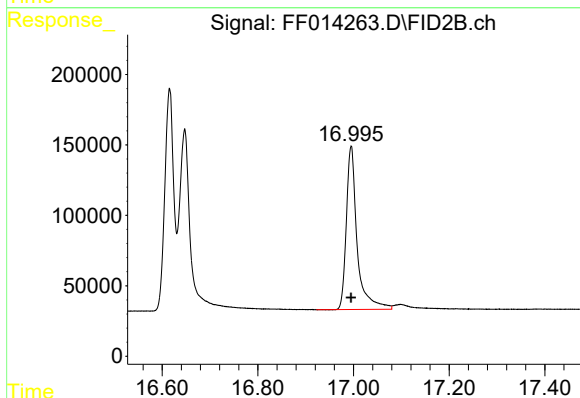
R.T.: 16.615 min  
Delta R.T.: 0.000 min  
Response: 2005854  
Conc: 20.00 ug/ml



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

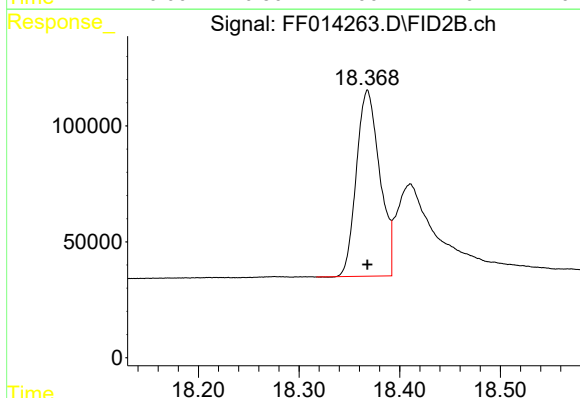
R.T.: 16.647 min  
Delta R.T.: 0.000 min  
Response: 2050086  
Conc: 20.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



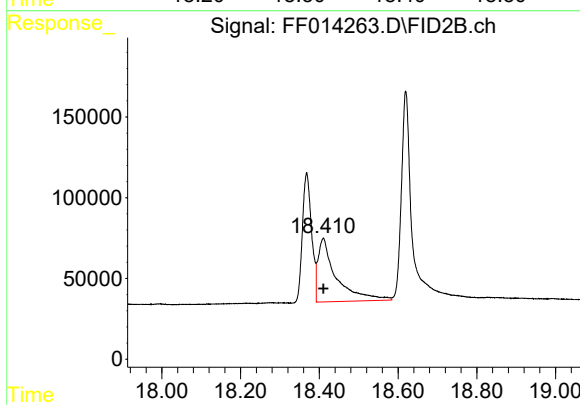
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.995 min  
Delta R.T.: 0.000 min  
Response: 1812082  
Conc: 20.00 ug/ml



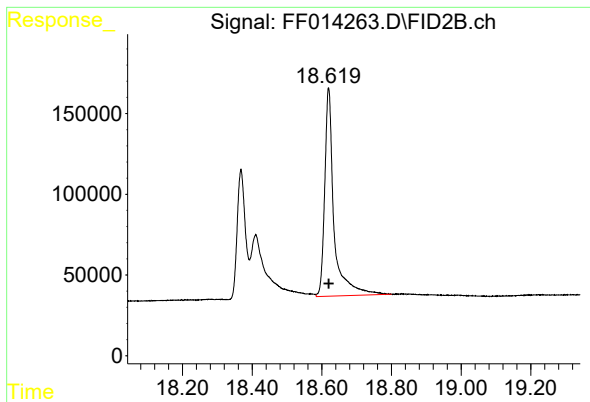
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.368 min  
Delta R.T.: 0.000 min  
Response: 1292595  
Conc: 20.00 ug/ml



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

R.T.: 18.410 min  
Delta R.T.: 0.000 min  
Response: 1273432  
Conc: 20.00 ug/ml



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

R.T.: 18.620 min  
Delta R.T.: 0.000 min  
Response: 2396876  
Conc: 20.00 ug/ml

Instrument :

FID\_F

ClientSampleId :