

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052224AR\  
 Data File : FF014265.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 May 2024 11:25  
 Operator : YP\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 22 12:05:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 052224.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 12:04:46 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...      | 7.903  | 443217     | 3.923 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 7.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.780  | 207821     | 3.179 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 6.36%       |
| 11) S ortho-Terphenyl (SURR)       | 11.833 | 670507     | 4.702 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.40%       |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.517  | 639478     | 4.694 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.182  | 545810     | 4.074 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.276  | 476624     | 3.941 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.572  | 562881     | 4.254 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.870  | 626424     | 4.497 ug/ml |
| 8) T Flouorene (C16.55)            | 9.662  | 413401     | 4.054 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.066 | 428965     | 4.070 ug/ml |
| 10) T Anthracene (C19.43)          | 11.144 | 404448     | 4.246 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.884 | 532909     | 4.390 ug/ml |
| 13) T Pyrene (C20.8)               | 13.179 | 546067     | 4.438 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.071 | 174835     | 3.113 ug/ml |
| 15) T Chrysene (C27.41)            | 15.109 | 544270     | 6.531 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.623 | 330720     | 3.086 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.654 | 607057     | 5.795 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.008 | 391170     | 4.090 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.388 | 228185     | 3.045 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.388 | 228185     | 3.732 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.628 | 528942     | 4.197 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

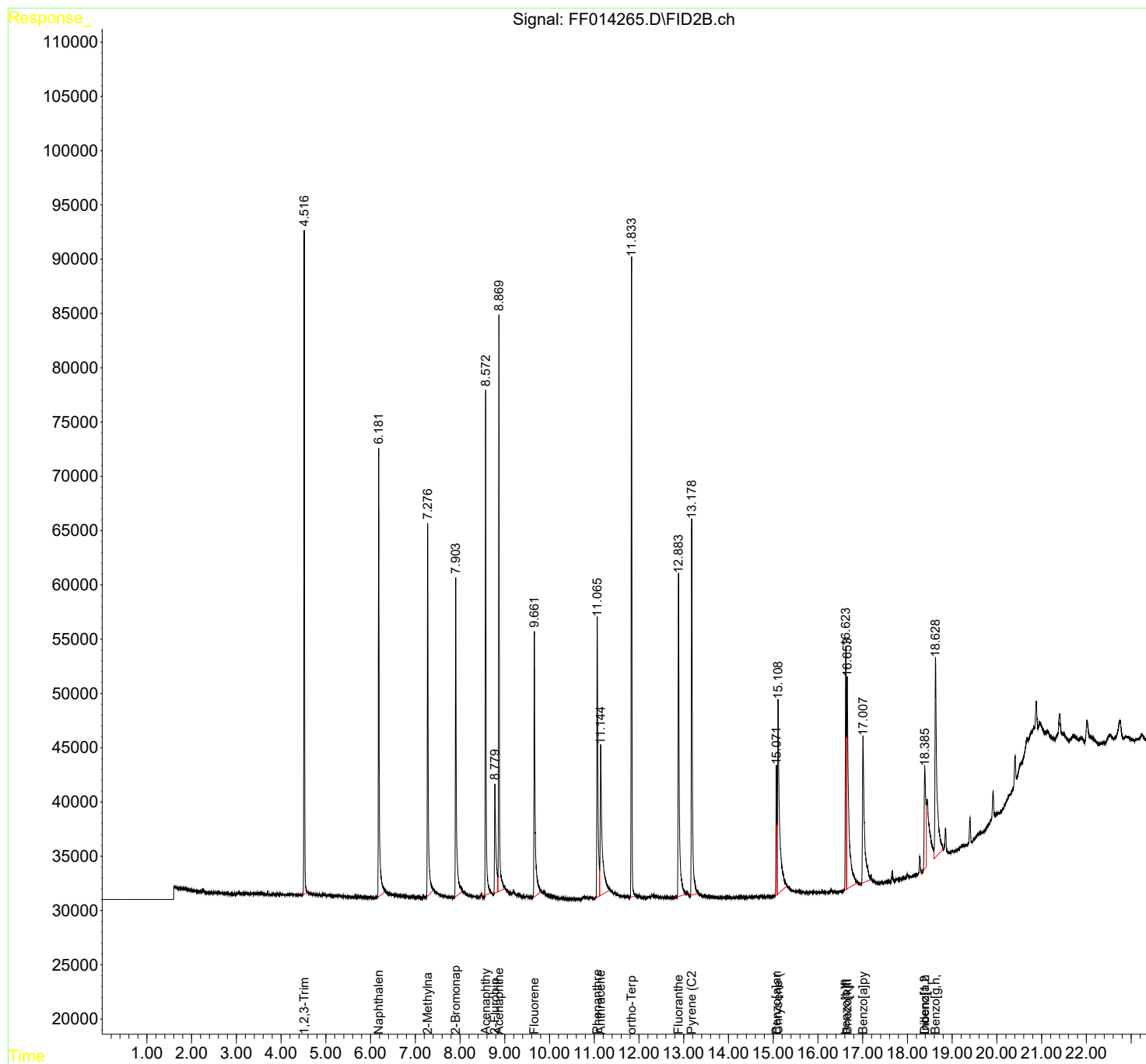
(m)=manual int.

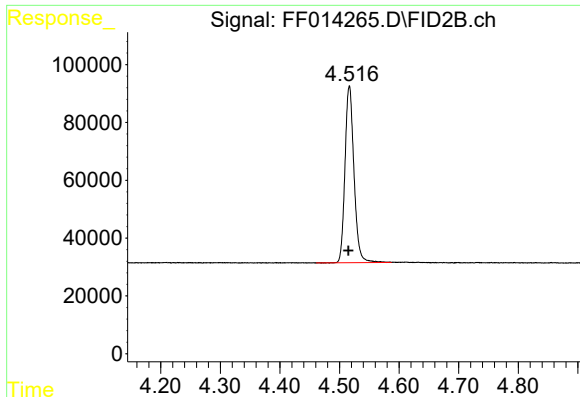
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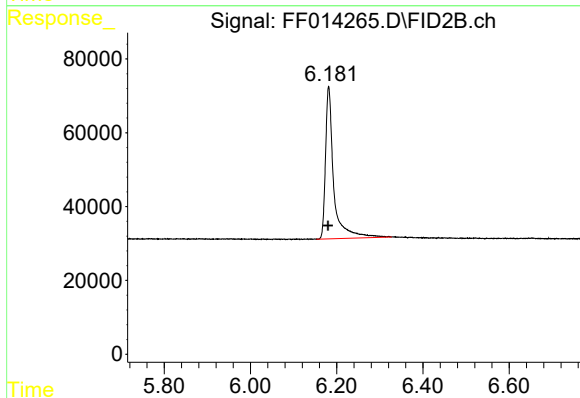




#1 1,2,3-Trimethylbenzene (C10.1)

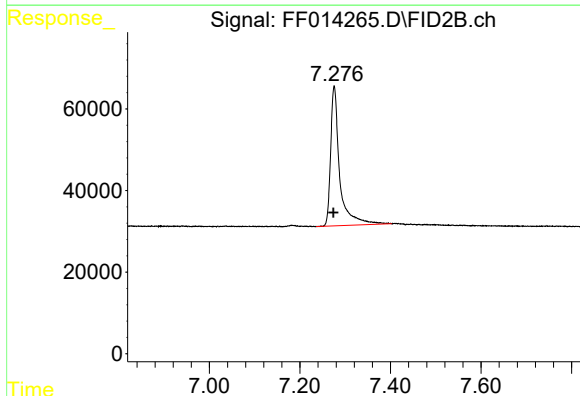
R.T.: 4.517 min  
Delta R.T.: 0.002 min  
Response: 639478  
Conc: 4.69 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



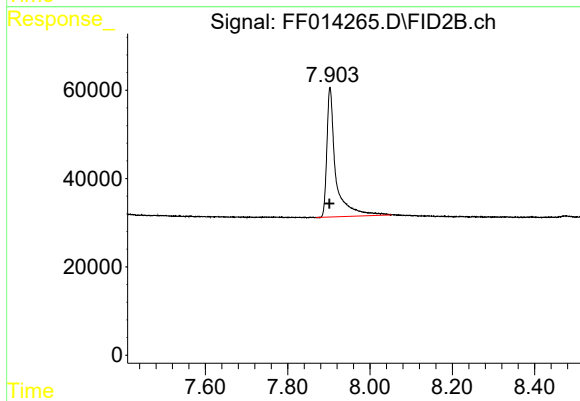
#2 Naphthalene (C11.7)

R.T.: 6.182 min  
Delta R.T.: 0.002 min  
Response: 545810  
Conc: 4.07 ug/ml



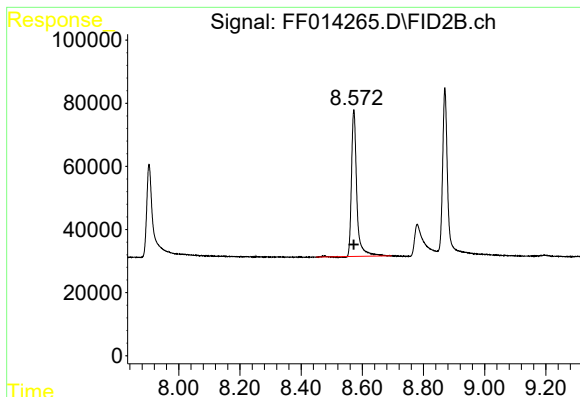
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min  
Delta R.T.: 0.002 min  
Response: 476624  
Conc: 3.94 ug/ml



#4 2-Bromonaphthalene (SURR)

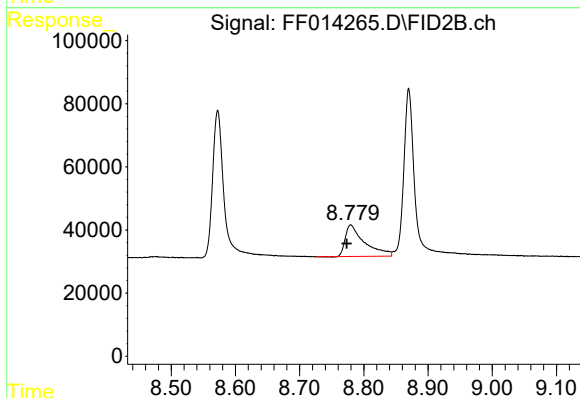
R.T.: 7.903 min  
Delta R.T.: 0.002 min  
Response: 443217  
Conc: 3.92 ug/ml



#5 Acenaphthylene (C15.06)

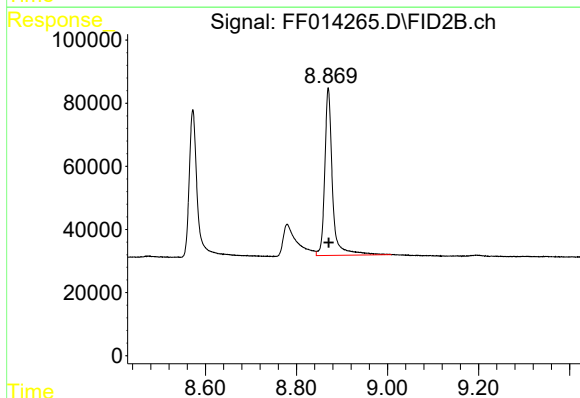
R.T.: 8.572 min  
Delta R.T.: 0.000 min  
Response: 562881  
Conc: 4.25 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



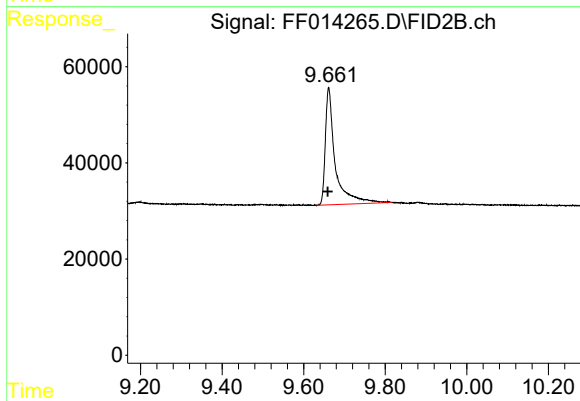
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.780 min  
Delta R.T.: 0.007 min  
Response: 207821  
Conc: 3.18 ug/ml



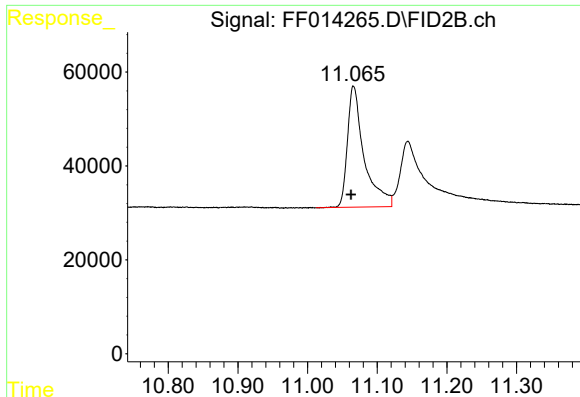
#7 Acenaphthene (C15.5)

R.T.: 8.870 min  
Delta R.T.: -0.001 min  
Response: 626424  
Conc: 4.50 ug/ml



#8 Fluorene (C16.55)

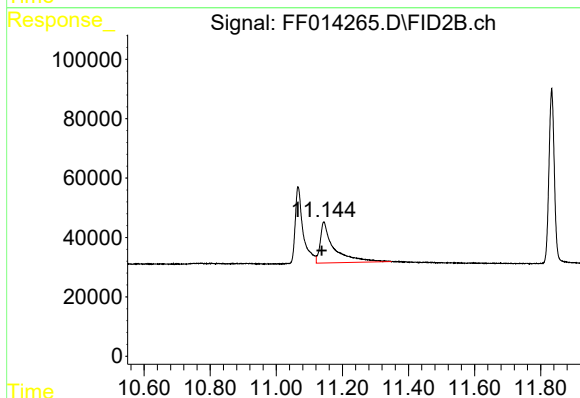
R.T.: 9.662 min  
Delta R.T.: 0.003 min  
Response: 413401  
Conc: 4.05 ug/ml



#9 Phenanthrene (C19.36)

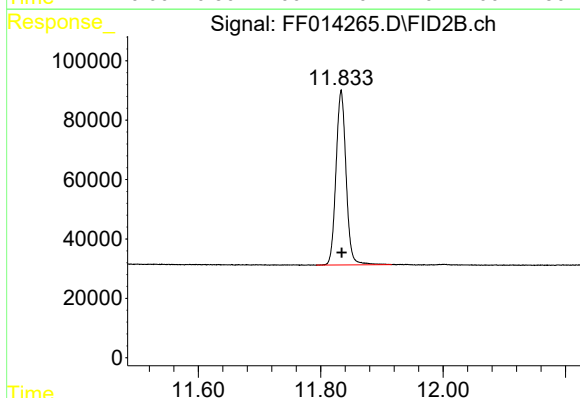
R.T.: 11.066 min  
Delta R.T.: 0.004 min  
Response: 428965  
Conc: 4.07 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



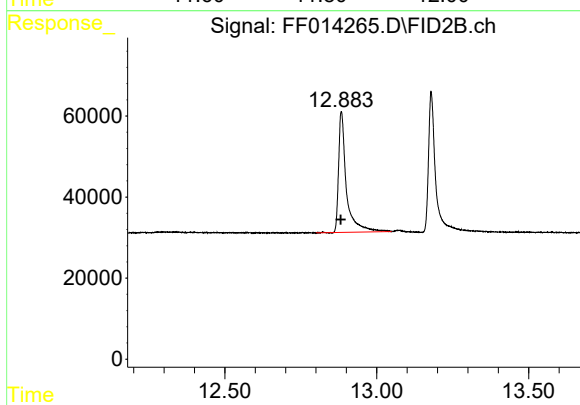
#10 Anthracene (C19.43)

R.T.: 11.144 min  
Delta R.T.: 0.006 min  
Response: 404448  
Conc: 4.25 ug/ml



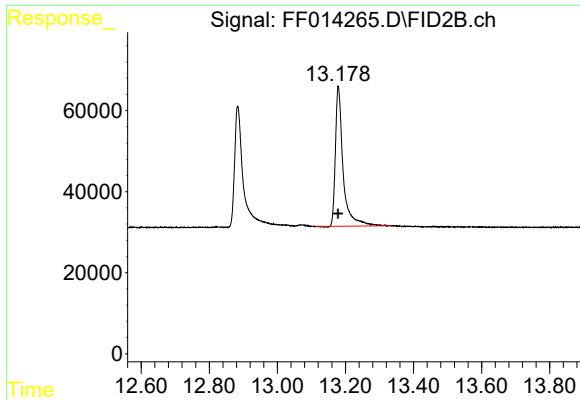
#11 ortho-Terphenyl (SURR)

R.T.: 11.833 min  
Delta R.T.: 0.000 min  
Response: 670507  
Conc: 4.70 ug/ml



#12 Fluoranthene (C21.85)

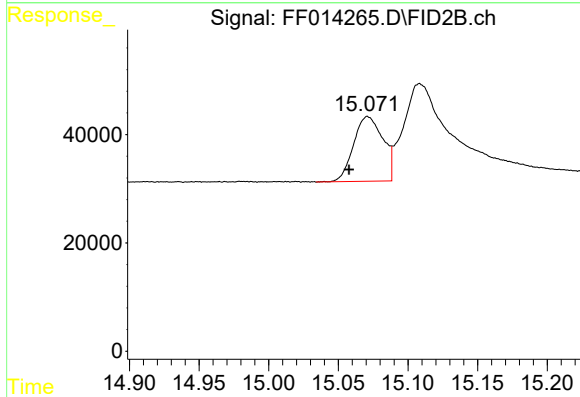
R.T.: 12.884 min  
Delta R.T.: 0.002 min  
Response: 532909  
Conc: 4.39 ug/ml



#13 Pyrene (C20.8)

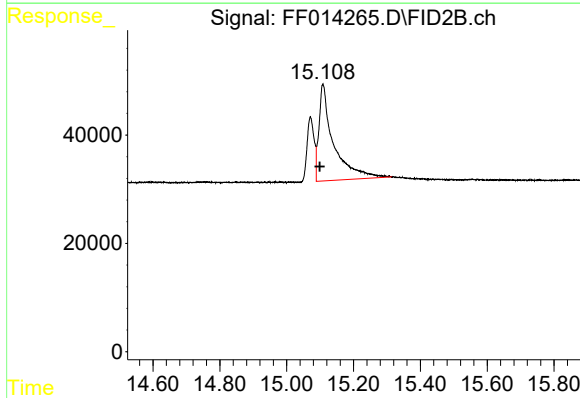
R.T.: 13.179 min  
Delta R.T.: 0.000 min  
Response: 546067  
Conc: 4.44 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



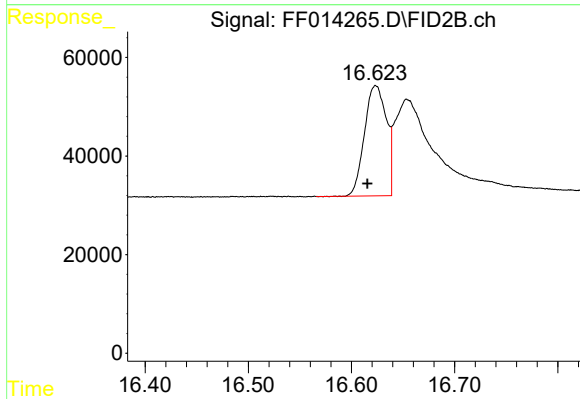
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.071 min  
Delta R.T.: 0.014 min  
Response: 174835  
Conc: 3.11 ug/ml



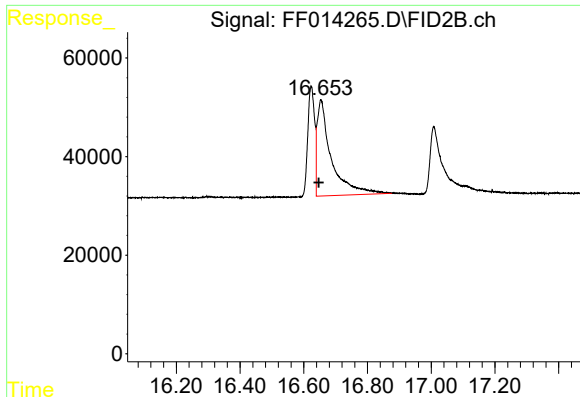
#15 Chrysene (C27.41)

R.T.: 15.109 min  
Delta R.T.: 0.010 min  
Response: 544270  
Conc: 6.53 ug/ml



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

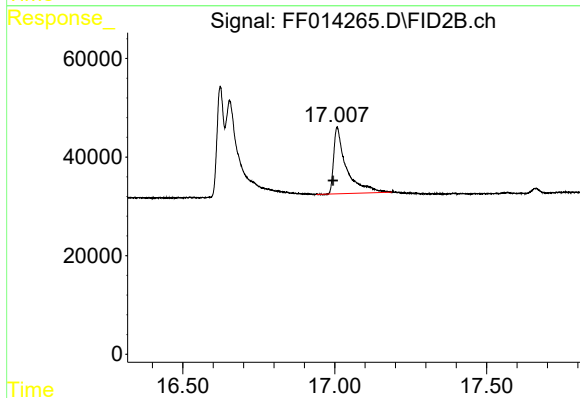
R.T.: 16.623 min  
Delta R.T.: 0.008 min  
Response: 330720  
Conc: 3.09 ug/ml



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

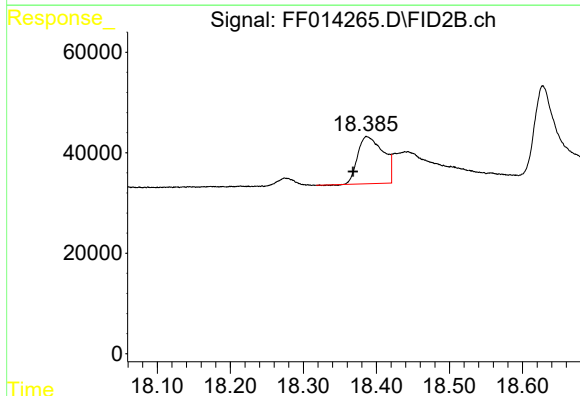
R.T.: 16.654 min  
Delta R.T.: 0.008 min  
Response: 607057  
Conc: 5.80 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



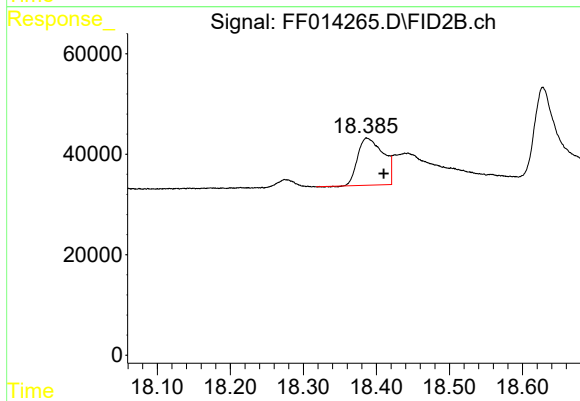
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.008 min  
Delta R.T.: 0.013 min  
Response: 391170  
Conc: 4.09 ug/ml



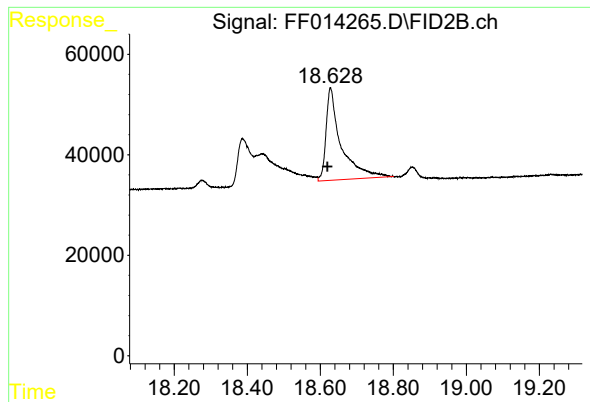
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.388 min  
Delta R.T.: 0.020 min  
Response: 228185  
Conc: 3.04 ug/ml



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

R.T.: 18.388 min  
Delta R.T.: -0.023 min  
Response: 228185  
Conc: 3.73 ug/ml



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

R.T.: 18.628 min  
Delta R.T.: 0.009 min  
Response: 528942  
Conc: 4.20 ug/ml

Instrument :

FID\_F

ClientSampleId :