

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020824AR\  
 Data File : FD047190.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Feb 2024 11:41  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD3  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 08 13:40:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:39:35 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...      | 7.467  | 3002147    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.319  | 1996805    | 20.000 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.00%       |
| 11) S ortho-Terphenyl (SURR)       | 11.355 | 3490618    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.283  | 3083315    | 20.000 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.808  | 3260468    | 20.000 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.855  | 3322291    | 20.000 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.123  | 3048497    | 20.000 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.418  | 3235230    | 20.000 ug/ml |
| 8) T Flouorene (C16.55)            | 9.196  | 3169464    | 20.000 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.583 | 3091850    | 20.000 ug/ml |
| 10) T Anthracene (C19.43)          | 10.658 | 2935283    | 20.000 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.386 | 3092731    | 20.000 ug/ml |
| 13) T Pyrene (C20.8)               | 12.680 | 3005439    | 20.000 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.544 | 2718070    | 20.000 ug/ml |
| 15) T Chrysene (C27.41)            | 14.585 | 2931591    | 20.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.086 | 2779200    | 20.000 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.117 | 2811496    | 20.000 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.460 | 2737058    | 20.000 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.817 | 2565772    | 20.000 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.859 | 2691640    | 20.000 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.069 | 2680079    | 20.000 ug/ml |
| -----                              |        |            |              |

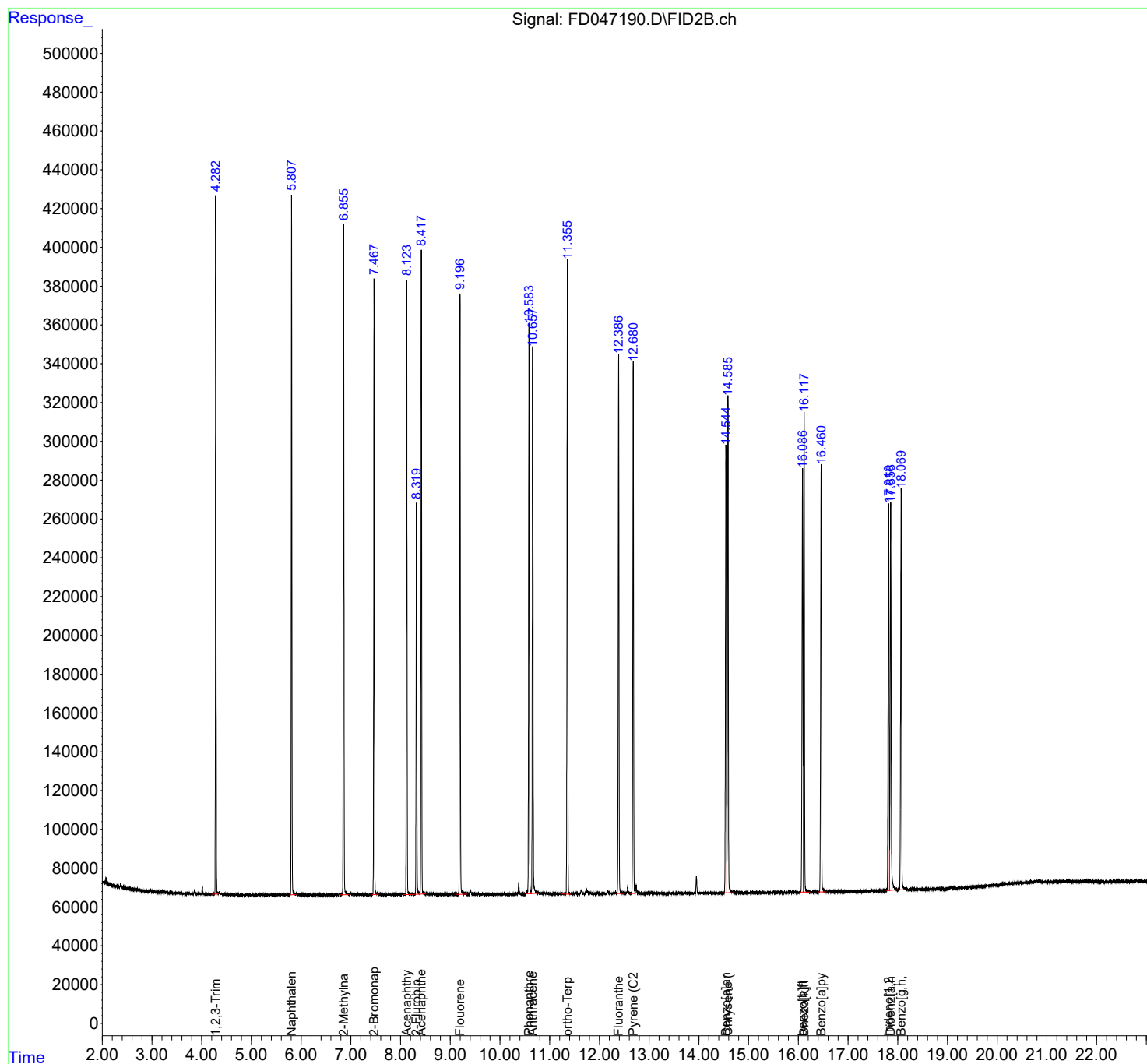
(f)=RT Delta > 1/2 Window

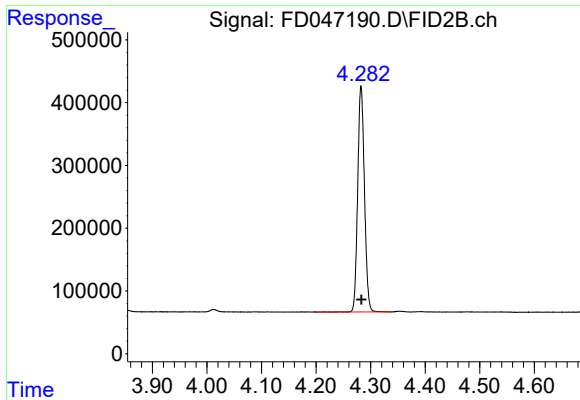
(m)=manual int.

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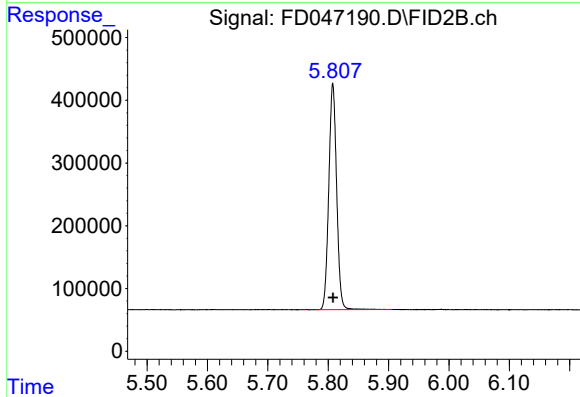
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





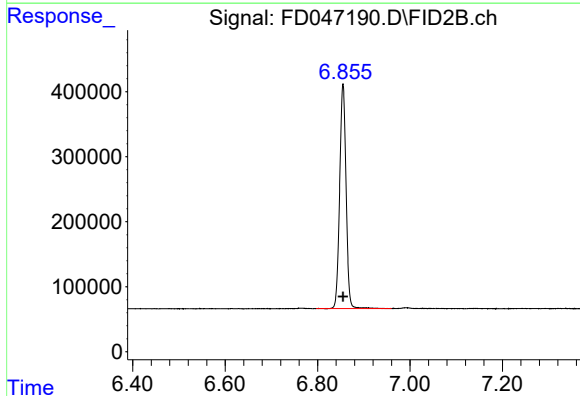
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min  
Delta R.T.: 0.000 min  
Response: 3083315  
Conc: 20.00 ug/ml



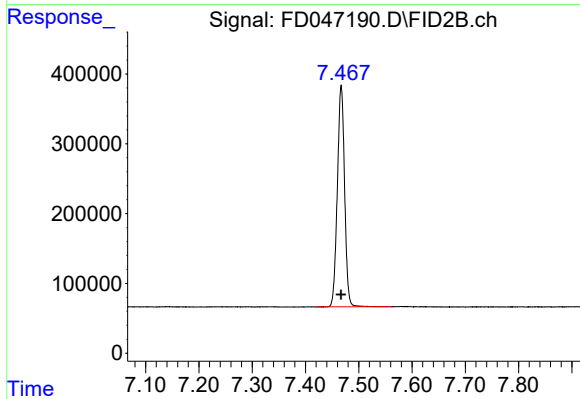
#2 Naphthalene (C11.7)

R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 3260468  
Conc: 20.00 ug/ml



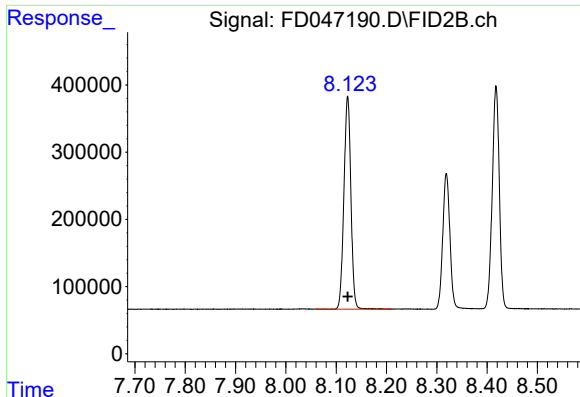
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 3322291  
Conc: 20.00 ug/ml



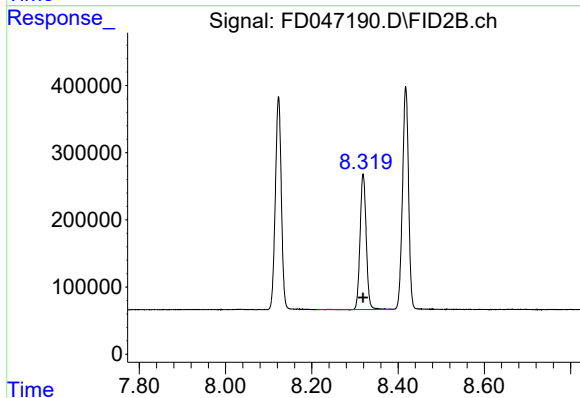
#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min  
Delta R.T.: 0.000 min  
Response: 3002147  
Conc: 20.00 ug/ml



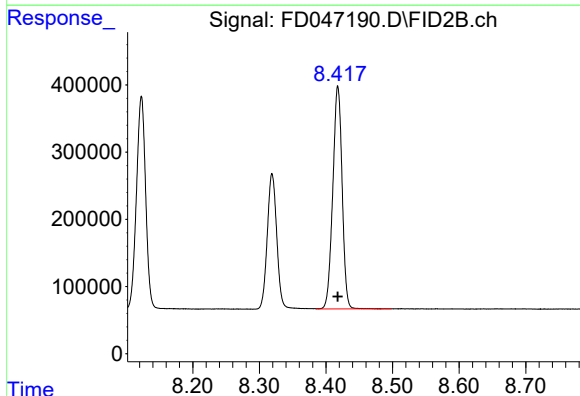
#5 Acenaphthylene (C15.06)

R.T.: 8.123 min  
Delta R.T.: 0.000 min  
Response: 3048497  
Conc: 20.00 ug/ml



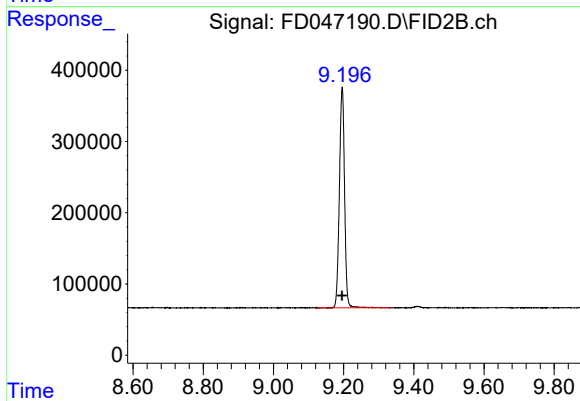
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 1996805  
Conc: 20.00 ug/ml



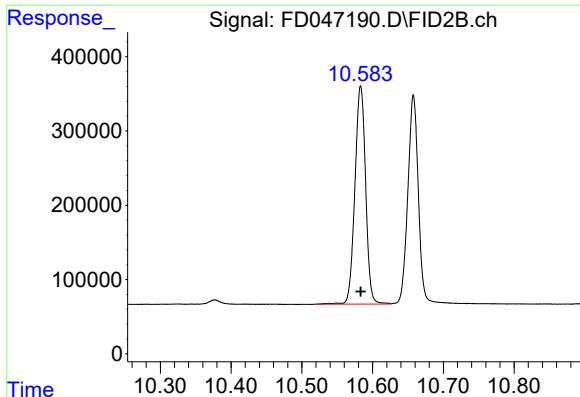
#7 Acenaphthene (C15.5)

R.T.: 8.418 min  
Delta R.T.: 0.000 min  
Response: 3235230  
Conc: 20.00 ug/ml



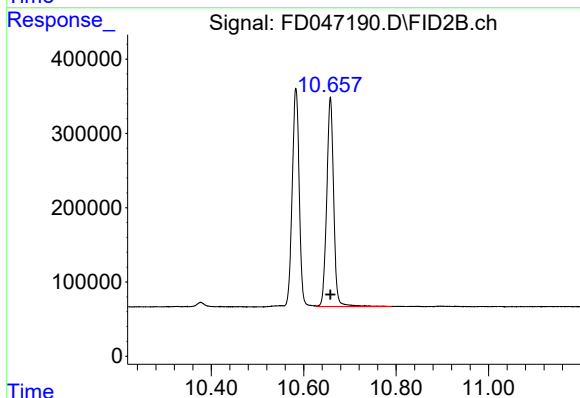
#8 Fluorene (C16.55)

R.T.: 9.196 min  
Delta R.T.: 0.000 min  
Response: 3169464  
Conc: 20.00 ug/ml



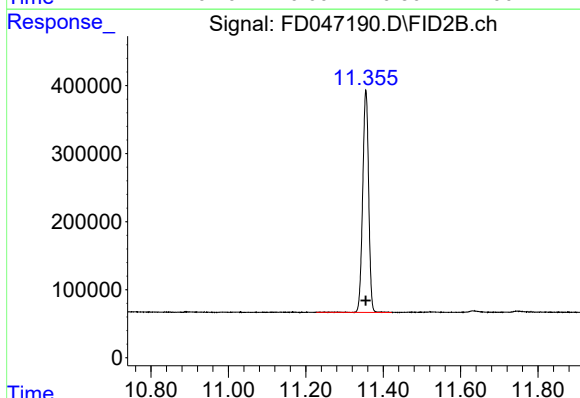
#9 Phenanthrene (C19.36)

R.T.: 10.583 min  
Delta R.T.: 0.000 min  
Response: 3091850  
Conc: 20.00 ug/ml



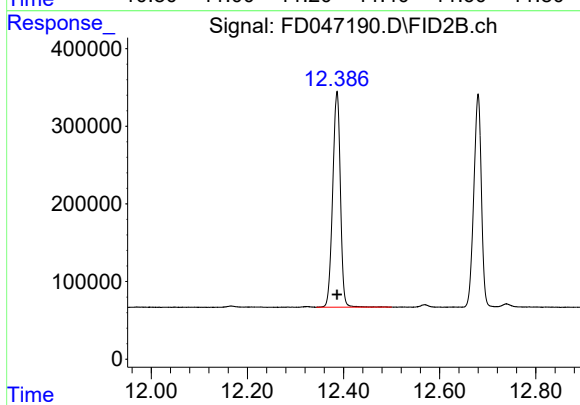
#10 Anthracene (C19.43)

R.T.: 10.658 min  
Delta R.T.: 0.000 min  
Response: 2935283  
Conc: 20.00 ug/ml



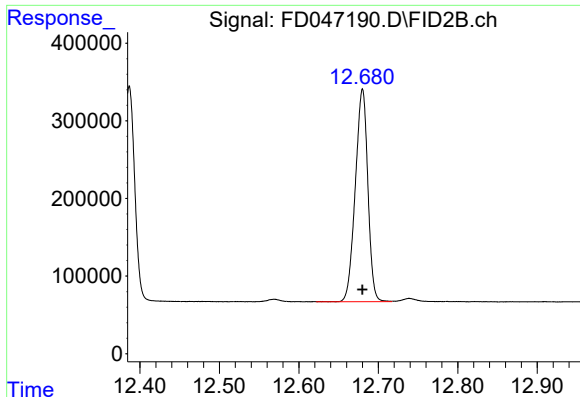
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min  
Delta R.T.: 0.000 min  
Response: 3490618  
Conc: 20.00 ug/ml



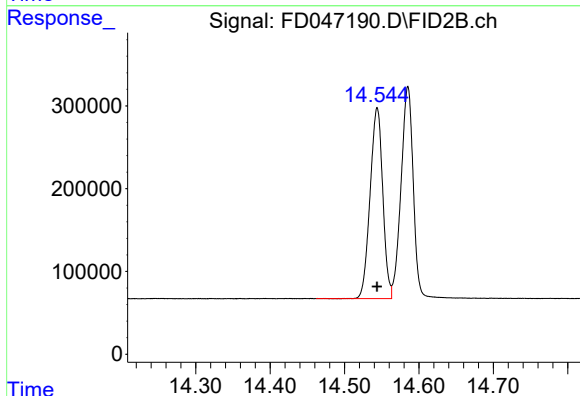
#12 Fluoranthene (C21.85)

R.T.: 12.386 min  
Delta R.T.: 0.000 min  
Response: 3092731  
Conc: 20.00 ug/ml



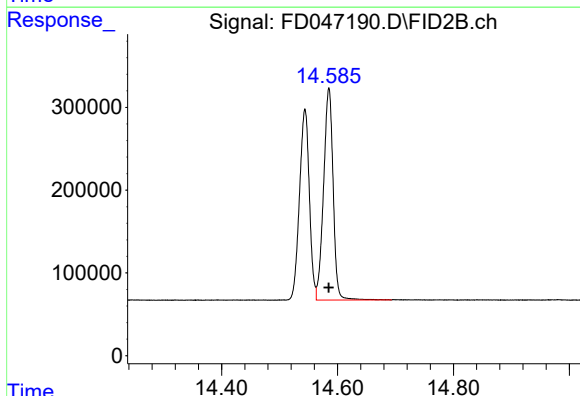
#13 Pyrene (C20.8)

R.T.: 12.680 min  
Delta R.T.: 0.000 min  
Response: 3005439  
Conc: 20.00 ug/ml



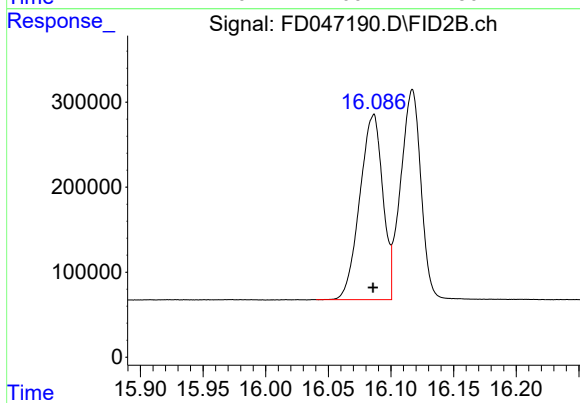
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min  
Delta R.T.: 0.000 min  
Response: 2718070  
Conc: 20.00 ug/ml



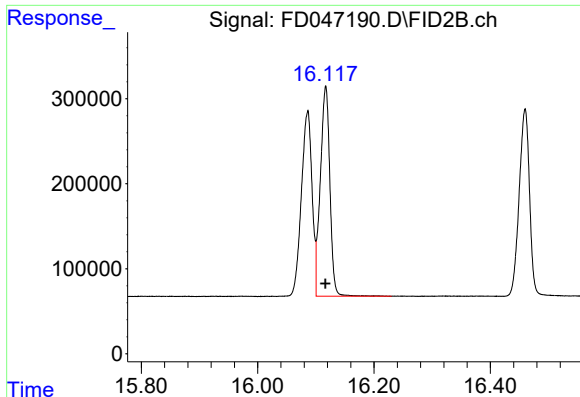
#15 Chrysene (C27.41)

R.T.: 14.585 min  
Delta R.T.: 0.000 min  
Response: 2931591  
Conc: 20.00 ug/ml



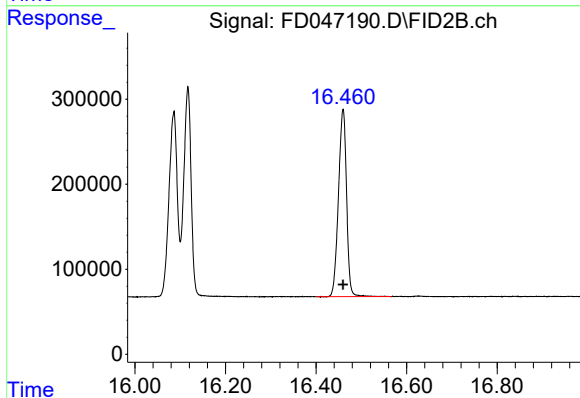
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min  
Delta R.T.: 0.000 min  
Response: 2779200  
Conc: 20.00 ug/ml



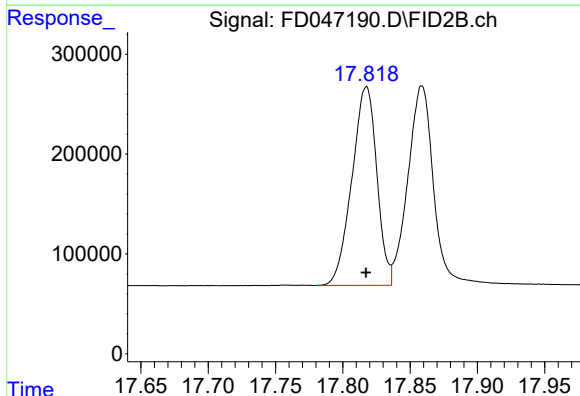
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min  
Delta R.T.: 0.000 min  
Response: 2811496  
Conc: 20.00 ug/ml



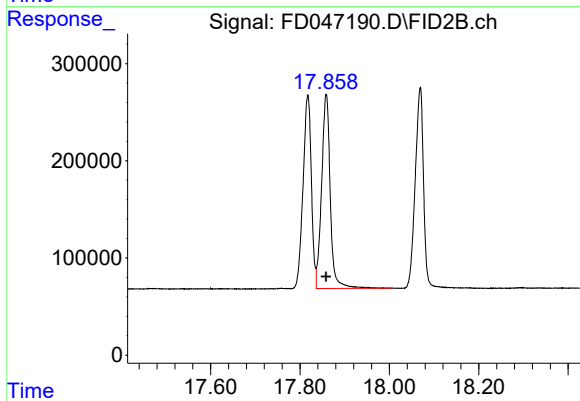
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min  
Delta R.T.: 0.000 min  
Response: 2737058  
Conc: 20.00 ug/ml



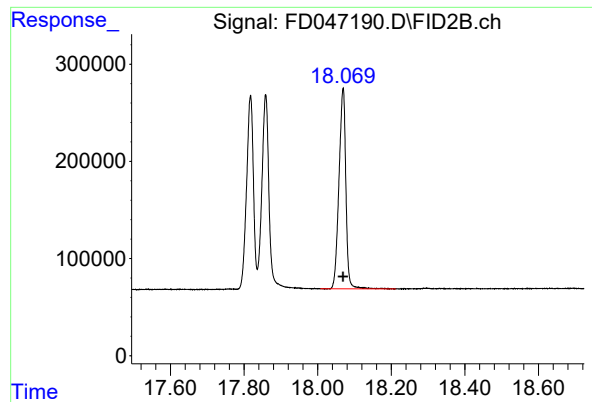
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min  
Delta R.T.: 0.000 min  
Response: 2565772  
Conc: 20.00 ug/ml



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

R.T.: 17.859 min  
Delta R.T.: 0.000 min  
Response: 2691640  
Conc: 20.00 ug/ml



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

R.T.: 18.069 min  
Delta R.T.: 0.000 min  
Response: 2680079  
Conc: 20.00 ug/ml