

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110519AR\  
 Data File : FD031350.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Nov 2019 2:02  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 06 03:06:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 06 03:03:26 2019  
 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...      | 7.636  | 2439414    | 20.493 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.99%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.496  | 1691782    | 20.533 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.07%       |
| 11) S ortho-Terphenyl (SURR)       | 11.537 | 2628447    | 20.540 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.08%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.437  | 2453062    | 20.437 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.975  | 2646026    | 20.551 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.026  | 2647979    | 20.618 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.300  | 2576816    | 20.469 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.595  | 2684648    | 20.504 ug/ml |
| 8) T Fluorene (C16.55)             | 9.374  | 2685755    | 20.542 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.768 | 2714651    | 20.603 ug/ml |
| 10) T Anthracene (C19.43)          | 10.842 | 2639871    | 20.473 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.577 | 2720970    | 20.532 ug/ml |
| 13) T Pyrene (C20.8)               | 12.874 | 2709561    | 20.574 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.785 | 2602033    | 20.556 ug/ml |
| 15) T Chrysene (C27.41)            | 14.785 | 2602033    | 20.515 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.322 | 2581584    | 20.566 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.322 | 2581584    | 20.515 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.666 | 2559726    | 20.627 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.069 | 2506387    | 20.605 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.069 | 2506387    | 20.242 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.282 | 2494634    | 20.679 ug/ml |
| -----                              |        |            |              |

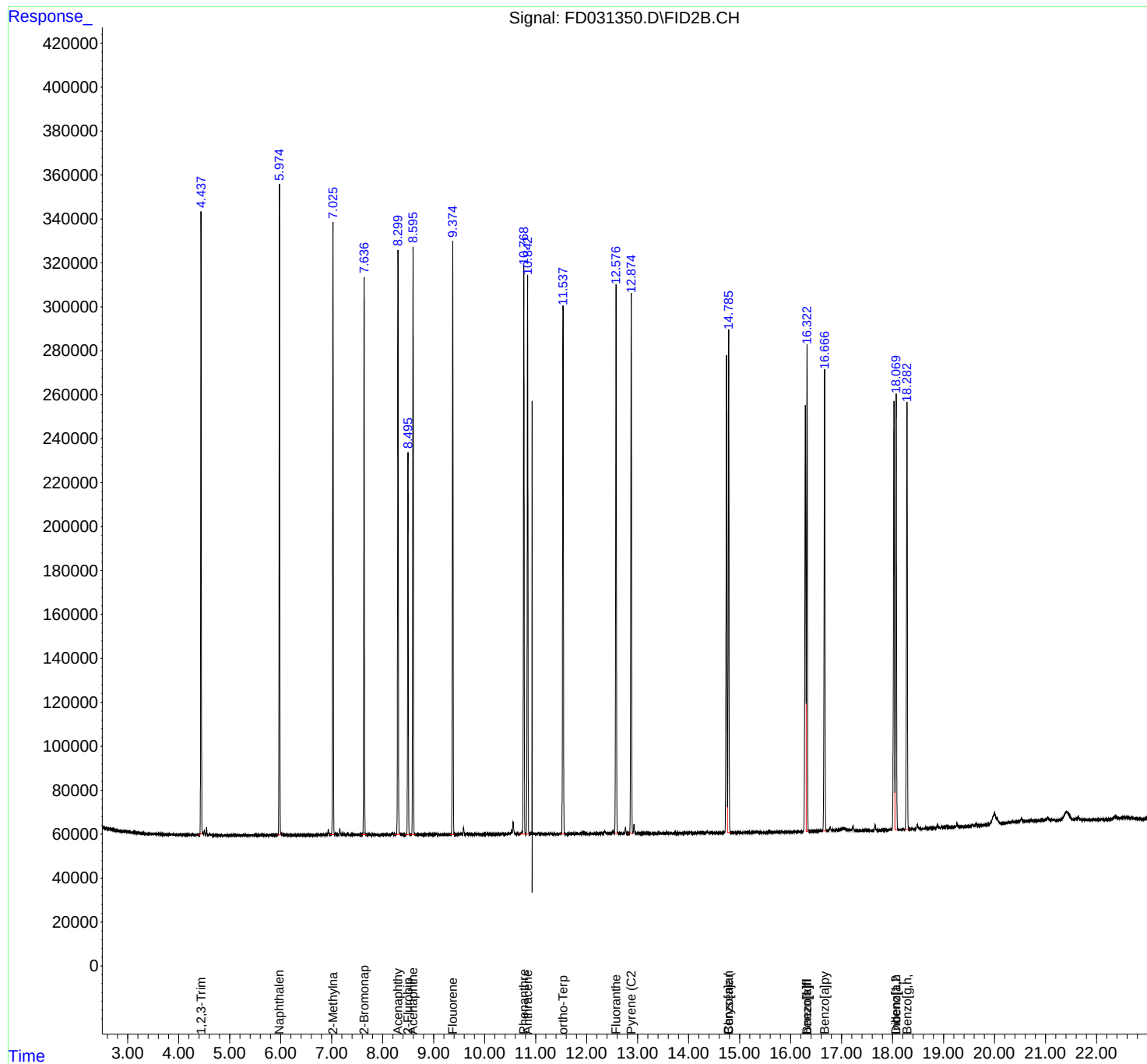
(f)=RT Delta > 1/2 Window

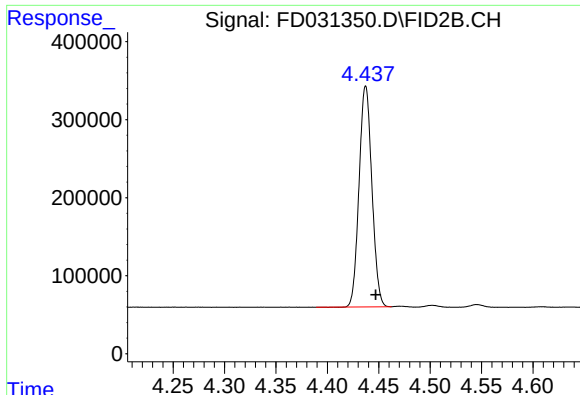
(m)=manual int.

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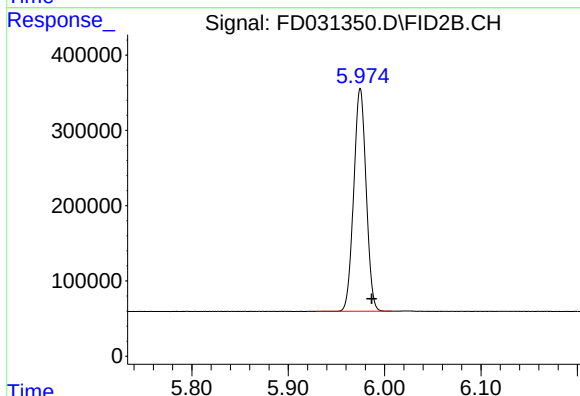
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





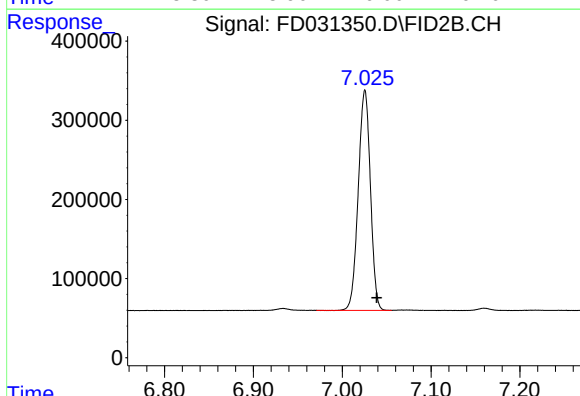
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min  
Delta R.T.: -0.010 min  
Response: 2453062  
Conc: 20.44 ug/ml



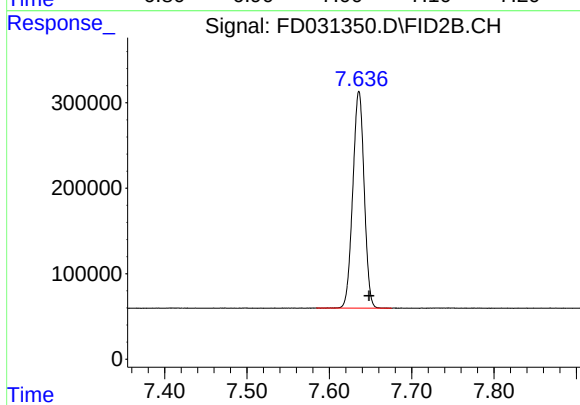
#2 Naphthalene (C11.7)

R.T.: 5.975 min  
Delta R.T.: -0.012 min  
Response: 2646026  
Conc: 20.55 ug/ml



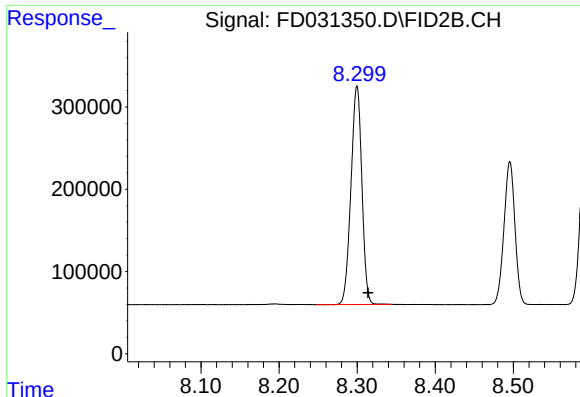
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min  
Delta R.T.: -0.013 min  
Response: 2647979  
Conc: 20.62 ug/ml



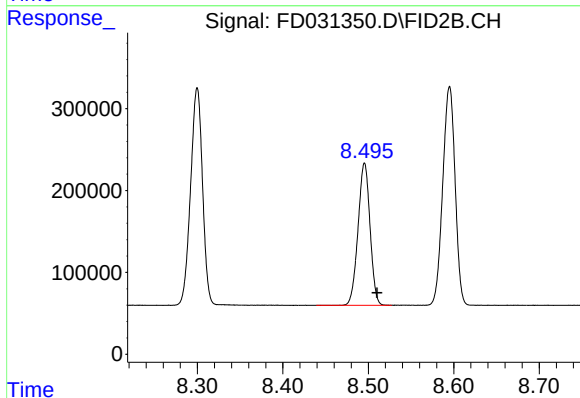
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min  
Delta R.T.: -0.012 min  
Response: 2439414  
Conc: 20.49 ug/ml



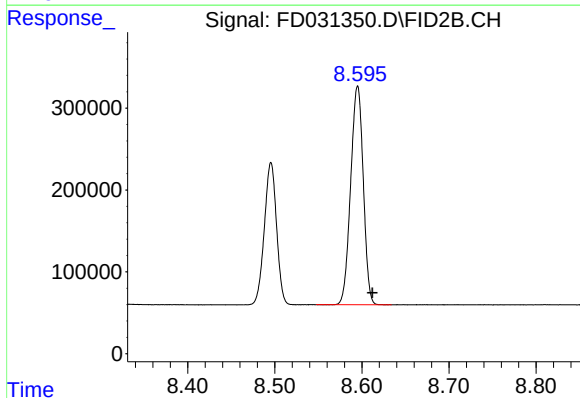
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min  
Delta R.T.: -0.014 min  
Response: 2576816  
Conc: 20.47 ug/ml



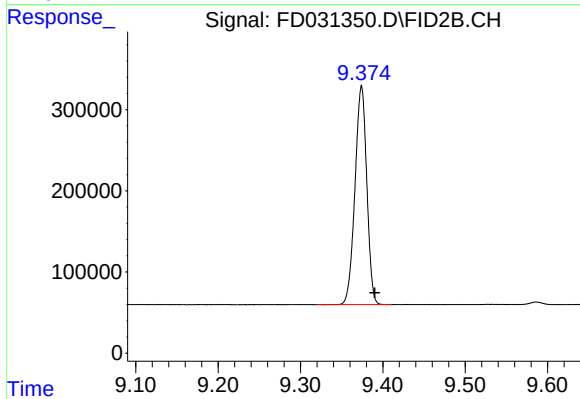
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min  
Delta R.T.: -0.014 min  
Response: 1691782  
Conc: 20.53 ug/ml



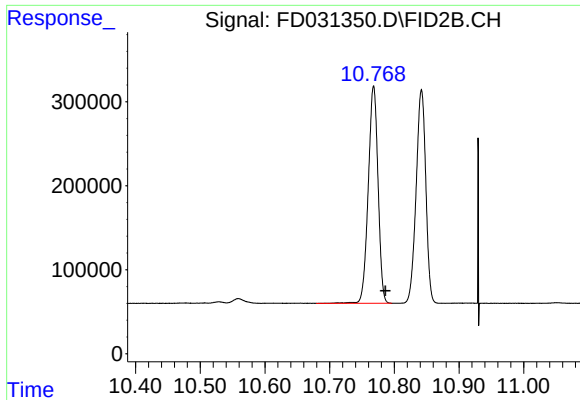
#7 Acenaphthene (C15.5)

R.T.: 8.595 min  
Delta R.T.: -0.017 min  
Response: 2684648  
Conc: 20.50 ug/ml



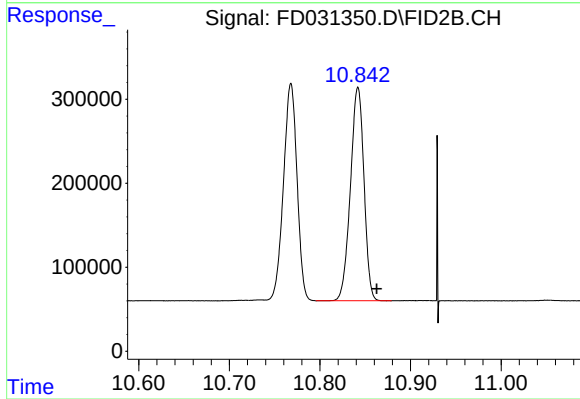
#8 Flouorene (C16.55)

R.T.: 9.374 min  
Delta R.T.: -0.016 min  
Response: 2685755  
Conc: 20.54 ug/ml



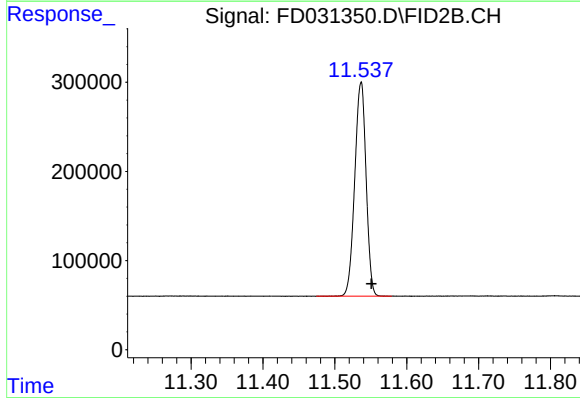
#9 Phenanthrene (C19.36)

R.T.: 10.768 min  
Delta R.T.: -0.018 min  
Response: 2714651  
Conc: 20.60 ug/ml



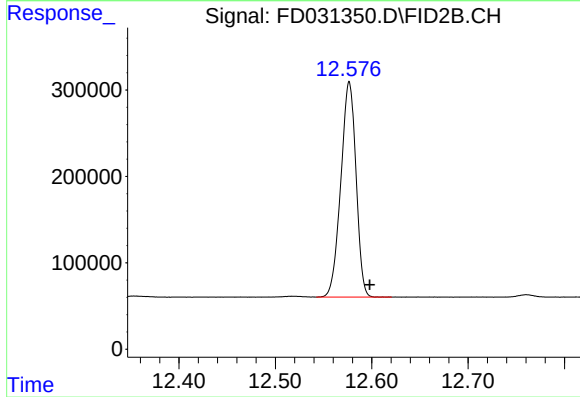
#10 Anthracene (C19.43)

R.T.: 10.842 min  
Delta R.T.: -0.021 min  
Response: 2639871  
Conc: 20.47 ug/ml



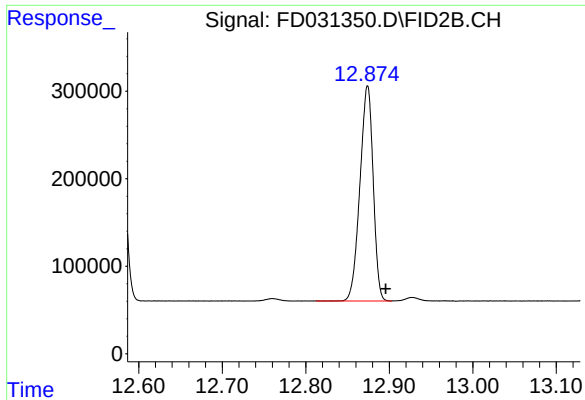
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min  
Delta R.T.: -0.015 min  
Response: 2628447  
Conc: 20.54 ug/ml



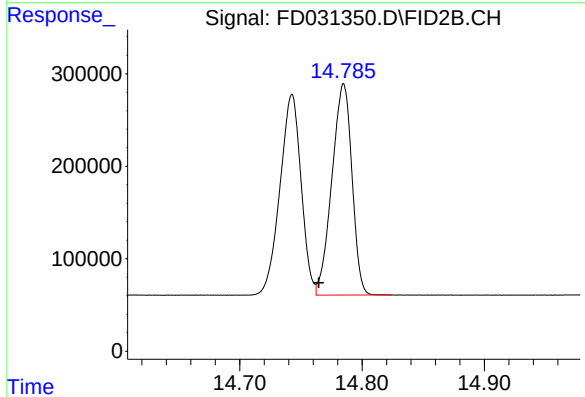
#12 Fluoranthene (C21.85)

R.T.: 12.577 min  
Delta R.T.: -0.021 min  
Response: 2720970  
Conc: 20.53 ug/ml



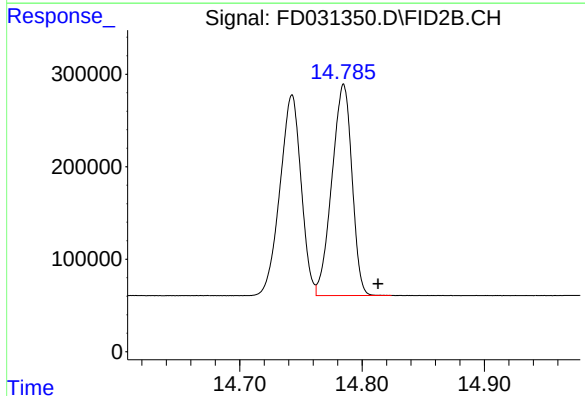
#13 Pyrene (C20.8)

R.T.: 12.874 min  
Delta R.T.: -0.022 min  
Response: 2709561  
Conc: 20.57 ug/ml



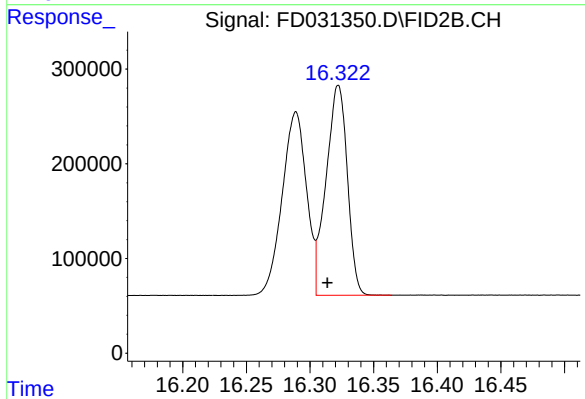
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min  
Delta R.T.: 0.020 min  
Response: 2602033  
Conc: 20.56 ug/ml



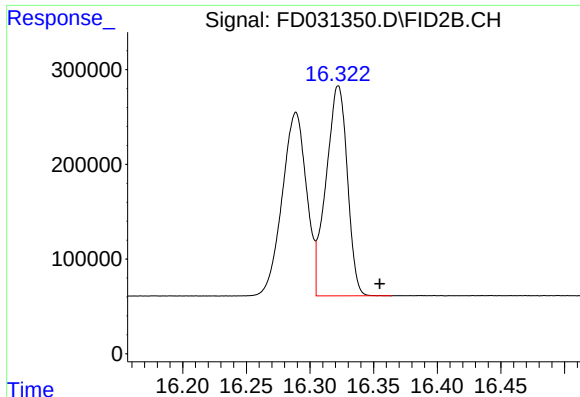
#15 Chrysene (C27.41)

R.T.: 14.785 min  
Delta R.T.: -0.028 min  
Response: 2602033  
Conc: 20.52 ug/ml



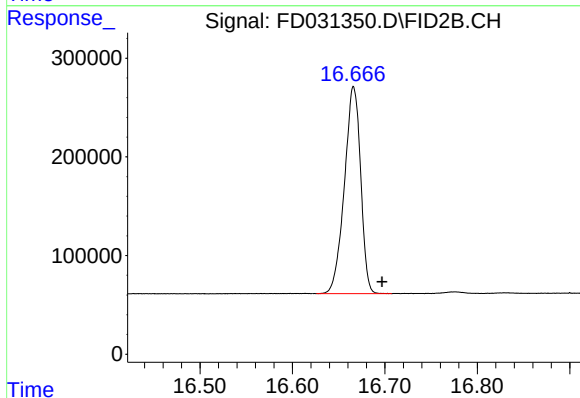
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.322 min  
Delta R.T.: 0.009 min  
Response: 2581584  
Conc: 20.57 ug/ml



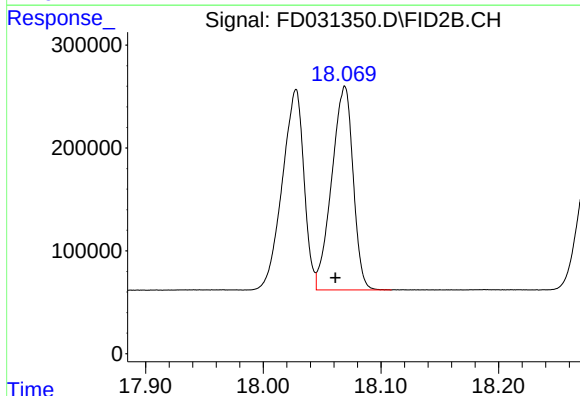
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min  
Delta R.T.: -0.033 min  
Response: 2581584  
Conc: 20.51 ug/ml



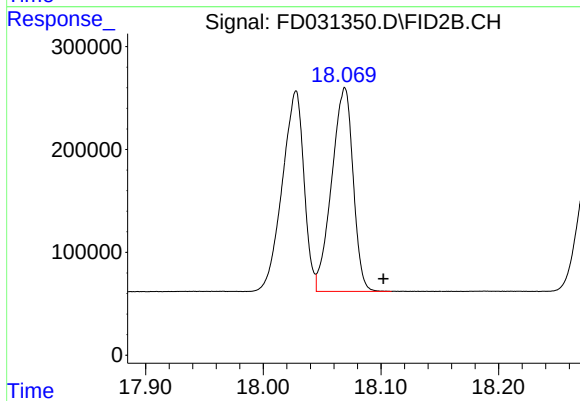
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min  
Delta R.T.: -0.031 min  
Response: 2559726  
Conc: 20.63 ug/ml



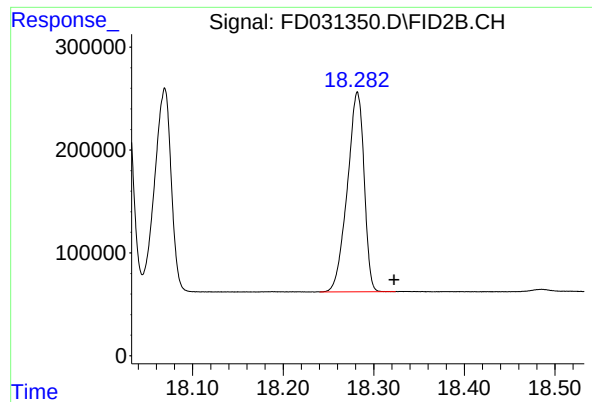
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min  
Delta R.T.: 0.008 min  
Response: 2506387  
Conc: 20.61 ug/ml



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

R.T.: 18.069 min  
Delta R.T.: -0.033 min  
Response: 2506387  
Conc: 20.24 ug/ml



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

R.T.: 18.282 min  
Delta R.T.: -0.041 min  
Response: 2494634  
Conc: 20.68 ug/ml