

Data Path : P:\HPCHEM1\FID\_D\Data\FD042018AR\  
 Data File : FD023151.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Apr 2018 8:34  
 Operator : UA/AJ  
 Sample : J2407-01MSD  
 Misc :  
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 20 11:50:08 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 17 11:02:32 2018  
 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...      | 7.287  | 5415949    | 39.936 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 79.87%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.146  | 3390172    | 47.570 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 95.14%        |
| 11) S ortho-Terphenyl (SURR)       | 11.167 | 2919828    | 20.885 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.77%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.099  | 2891824    | 20.746 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.628  | 3331732    | 24.343 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.677  | 3407896    | 24.965 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.943  | 3443935    | 23.563 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.234  | 3806484    | 22.532 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.017  | 3612062    | 25.224 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.410 | 4341447    | 32.709 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.488 | 3783733    | 27.042 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.219 | 5474590    | 39.857 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.512 | 5236694    | 37.098 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.393 | 5228654    | 42.087 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.434 | 5790297    | 37.400 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.952 | 5251827    | 38.960 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 15.982 | 4405080    | 26.696 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.333 | 4585231    | 31.807 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.715 | 3753195    | 28.922 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.741 | 4133472    | 24.849 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.964 | 4138586    | 27.923 ug/ml  |
| -----                              |        |            |               |

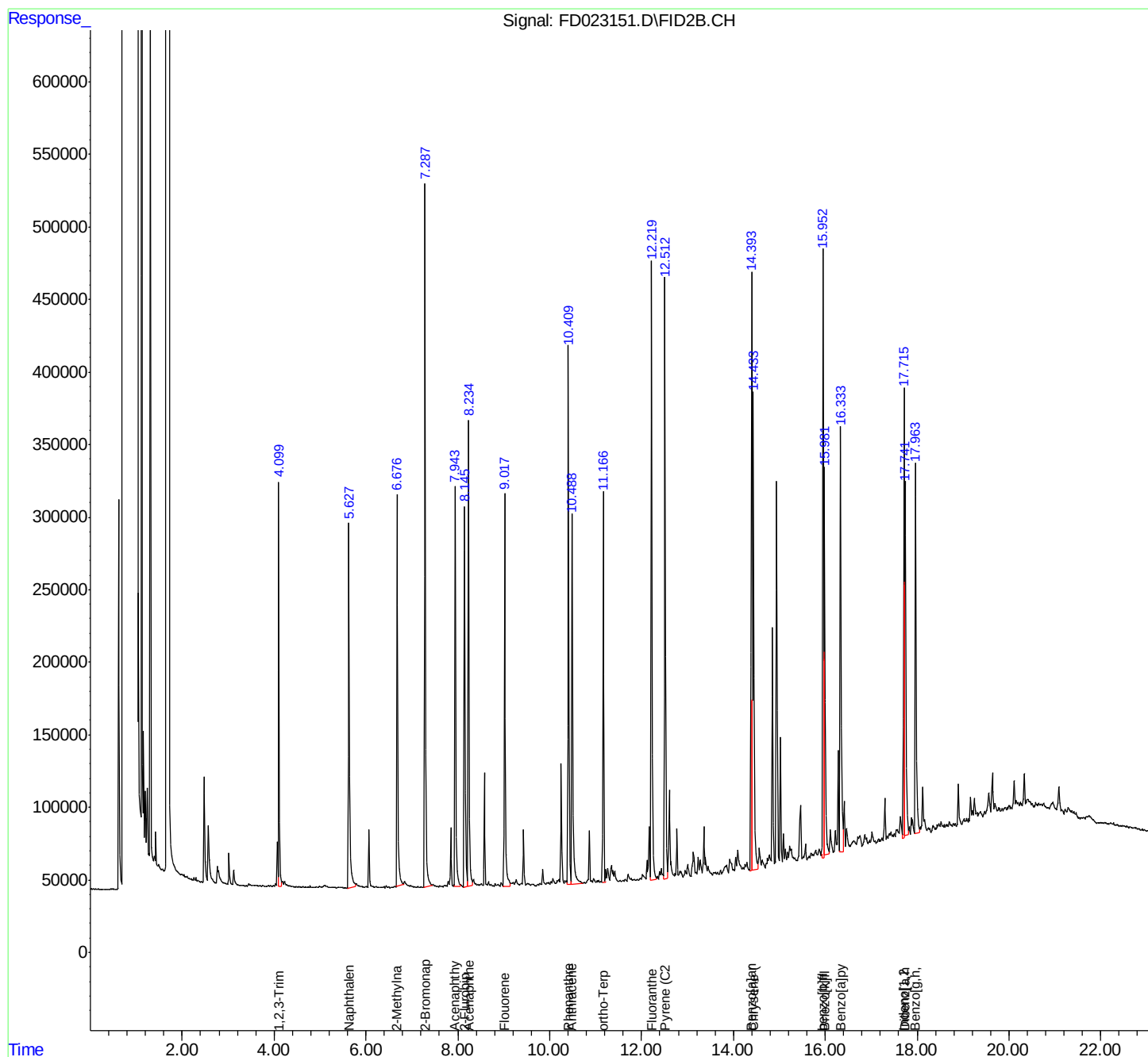
(f)=RT Delta > 1/2 Window

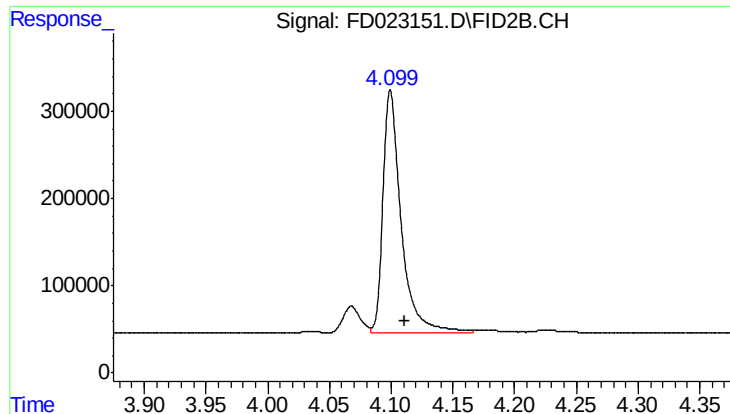
(m)=manual int.

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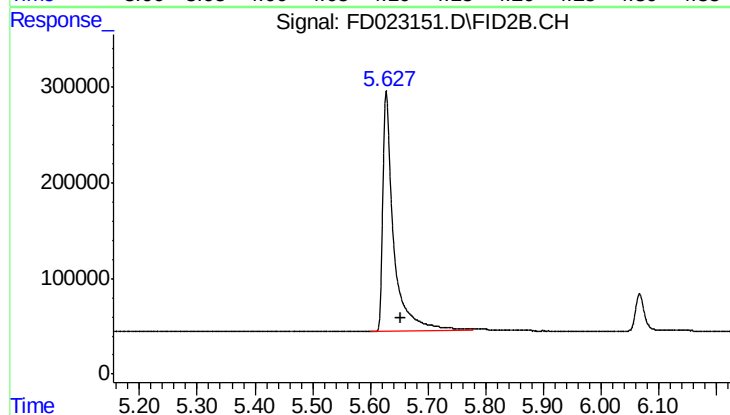
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





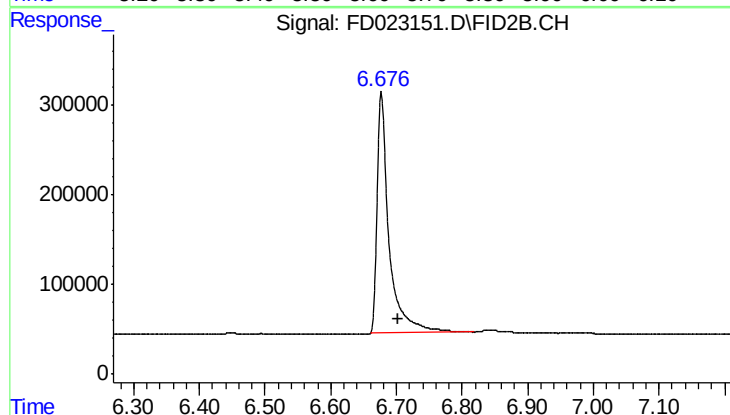
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.099 min  
Delta R.T.: -0.011 min  
Response: 2891824  
Conc: 20.75 ug/ml



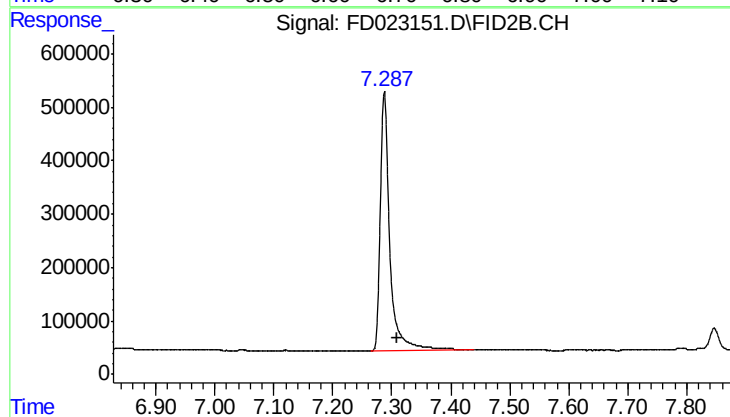
#2 Naphthalene (C11.7)

R.T.: 5.628 min  
Delta R.T.: -0.025 min  
Response: 3331732  
Conc: 24.34 ug/ml



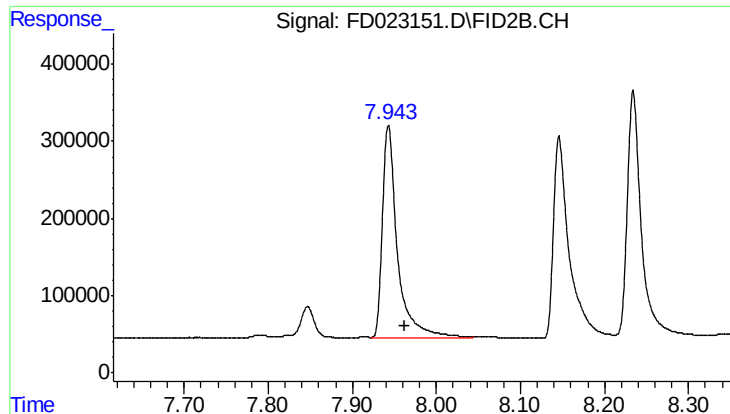
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.677 min  
Delta R.T.: -0.025 min  
Response: 3407896  
Conc: 24.97 ug/ml



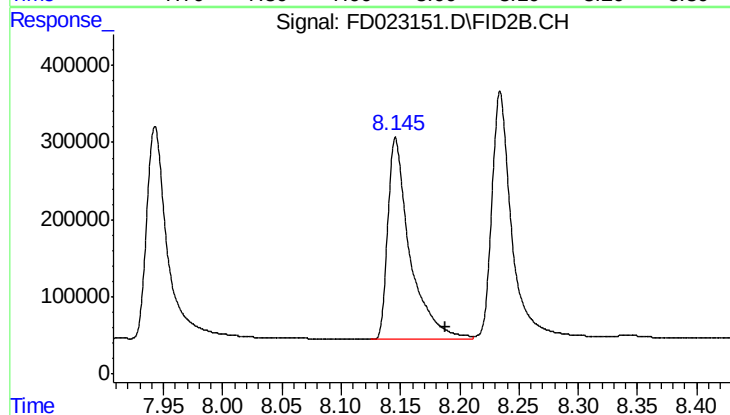
#4 2-Bromonaphthalene (SURR)

R.T.: 7.287 min  
Delta R.T.: -0.022 min  
Response: 5415949  
Conc: 39.94 ug/ml



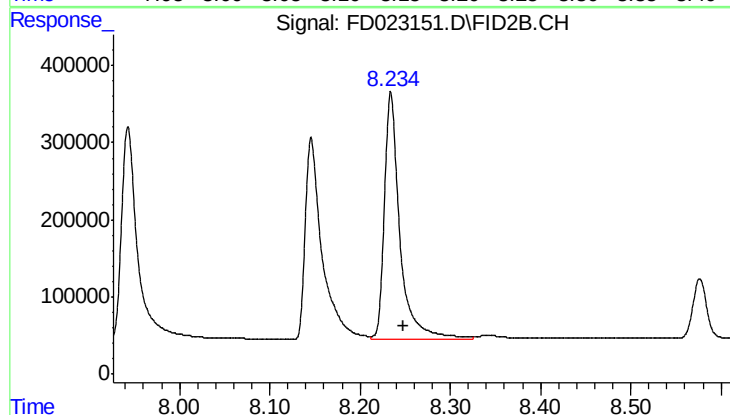
#5 Acenaphthylene (C15.06)

R.T.: 7.943 min  
Delta R.T.: -0.020 min  
Response: 3443935  
Conc: 23.56 ug/ml



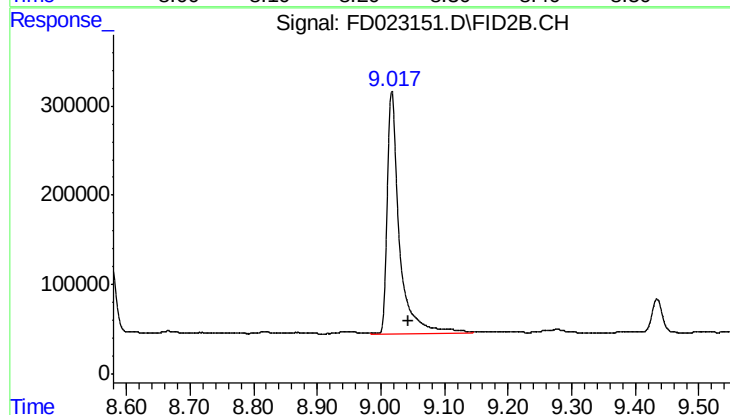
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.146 min  
Delta R.T.: -0.042 min  
Response: 3390172  
Conc: 47.57 ug/ml



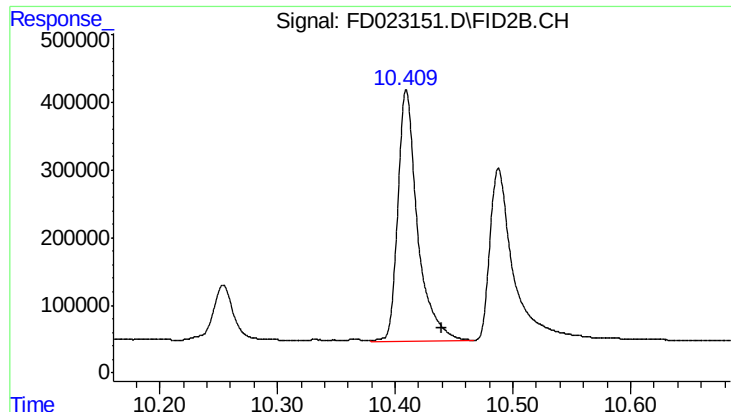
#7 Acenaphthene (C15.5)

R.T.: 8.234 min  
Delta R.T.: -0.014 min  
Response: 3806484  
Conc: 22.53 ug/ml



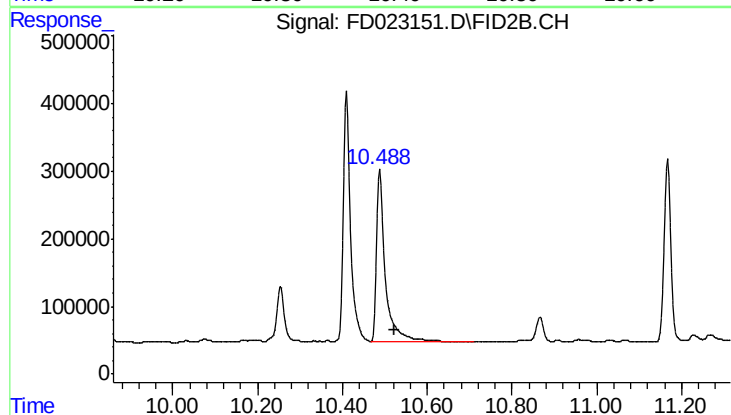
#8 Fluorene (C16.55)

R.T.: 9.017 min  
Delta R.T.: -0.027 min  
Response: 3612062  
Conc: 25.22 ug/ml



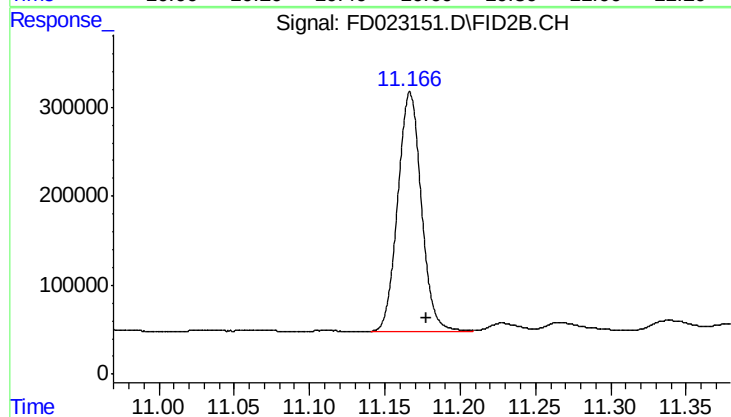
#9 Phenanthrene (C19.36)

R.T.: 10.410 min  
Delta R.T.: -0.029 min  
Response: 4341447  
Conc: 32.71 ug/ml



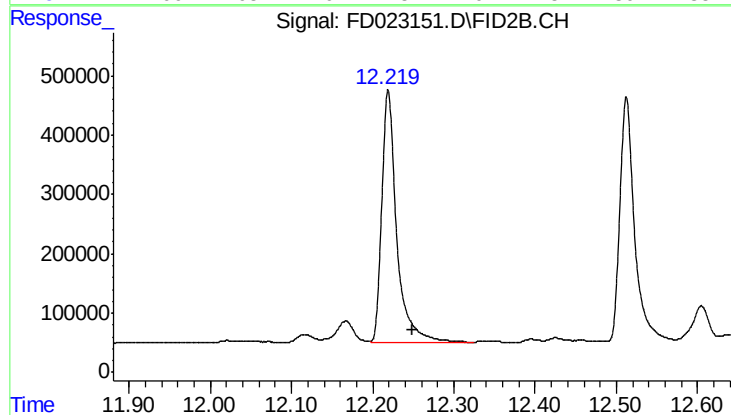
#10 Anthracene (C19.43)

R.T.: 10.488 min  
Delta R.T.: -0.035 min  
Response: 3783733  
Conc: 27.04 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.167 min  
Delta R.T.: -0.011 min  
Response: 2919828  
Conc: 20.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.219 min  
Delta R.T.: -0.030 min  
Response: 5474590  
Conc: 39.86 ug/ml