

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\  
 Data File : FD022584.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Mar 2018 5:06  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 20 07:30:57 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 21 04:46:02 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...      | 7.324  | 1465602    | 17.494 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.99%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.185  | 892914     | 17.661 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 35.32%       |
| 11) S ortho-Terphenyl (SURR)       | 11.204 | 1771006    | 18.662 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.32%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.131  | 1627215    | 18.426 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.663  | 1613202    | 18.034 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.712  | 1542618    | 16.985 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.979  | 1685346    | 17.598 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.270  | 1801603    | 17.587 ug/ml |
| 8) T Fluorene (C16.55)             | 9.053  | 1699907    | 18.129 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.446 | 1758364    | 18.872 ug/ml |
| 10) T Anthracene (C19.43)          | 10.522 | 1784358    | 18.817 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.255 | 1877737    | 18.720 ug/ml |
| 13) T Pyrene (C20.8)               | 12.549 | 1878548    | 18.490 ug/ml |
| 14) T Benzo[alanthracene (C...     | 14.469 | 1870505    | 19.397 ug/ml |
| 15) T Chrysene (C27.41)            | 14.469 | 1870505    | 17.331 ug/ml |
| 16) T benzo[blfluoranthene ...     | 16.016 | 2022600    | 20.119 ug/ml |
| 17) T Bnezo[klfluoranthene ...     | 16.016 | 2022600    | 17.824 ug/ml |
| 18) T Benzo[alpyrene (C31.34)      | 16.369 | 1854300    | 17.645 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.777 | 2055819    | 21.578 ug/ml |
| 20) T Dibenz[fa,h]anthracene...    | 17.777 | 2055819    | 18.091 ug/ml |
| 21) T Benzo[ga,h,i]pervlene ...    | 18.002 | 1318674    | 12.696 ug/ml |
| -----                              |        |            |              |

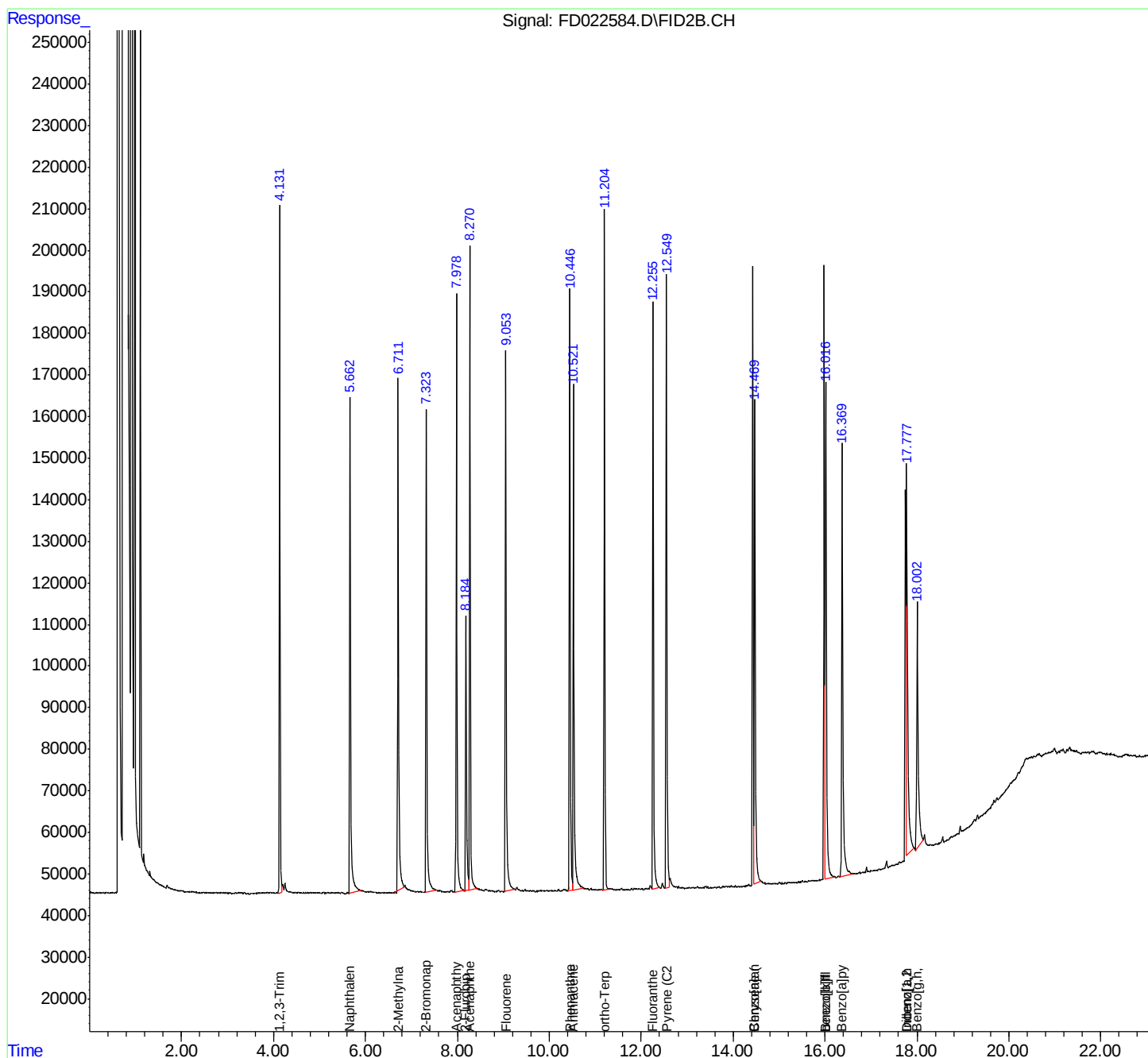
(f)=RT Delta > 1/2 Window

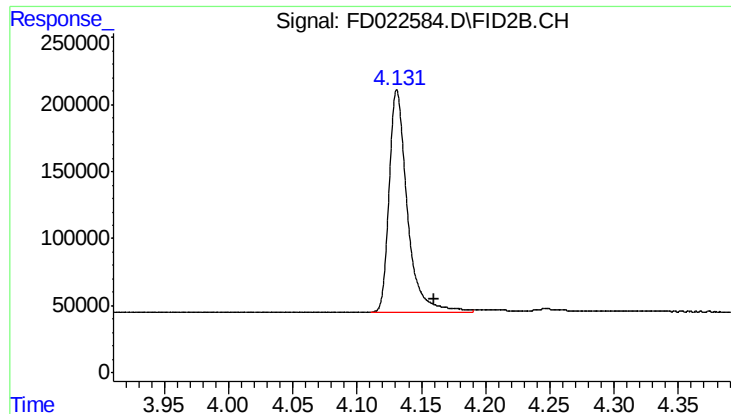
(m)=manual int.

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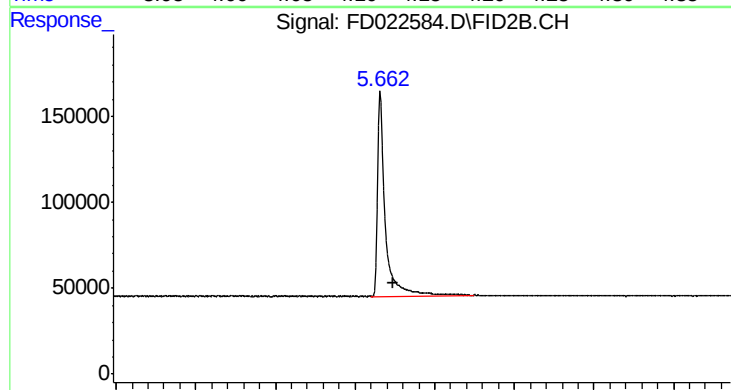
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





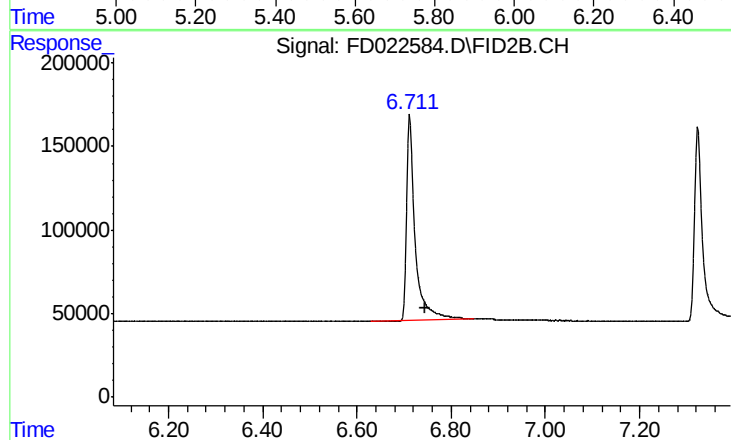
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min  
Delta R.T.: -0.028 min  
Response: 1627215  
Conc: 18.43 ug/ml



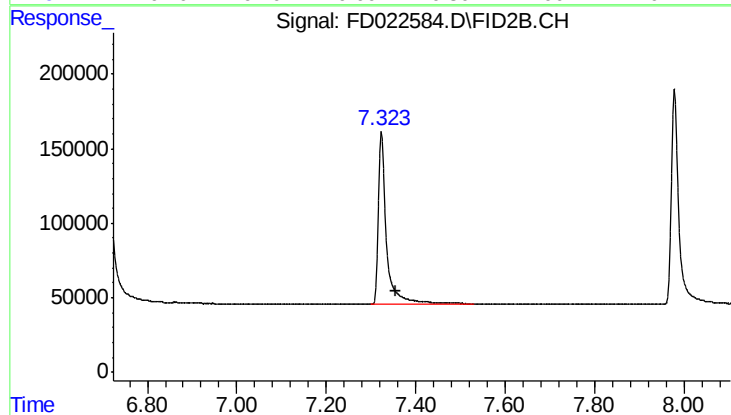
#2 Naphthalene (C11.7)

R.T.: 5.663 min  
Delta R.T.: -0.033 min  
Response: 1613202  
Conc: 18.03 ug/ml



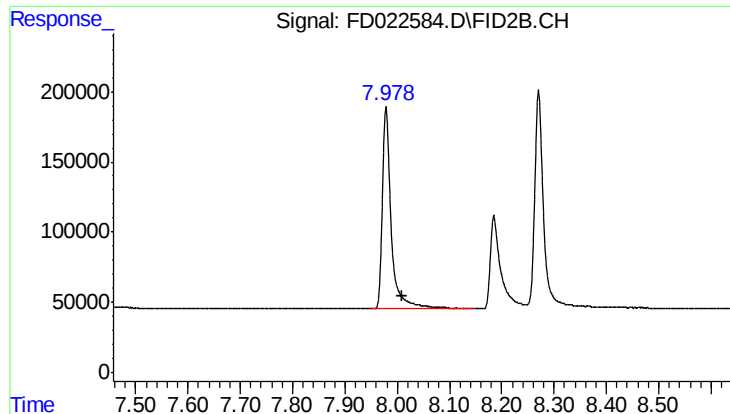
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min  
Delta R.T.: -0.034 min  
Response: 1542618  
Conc: 16.99 ug/ml



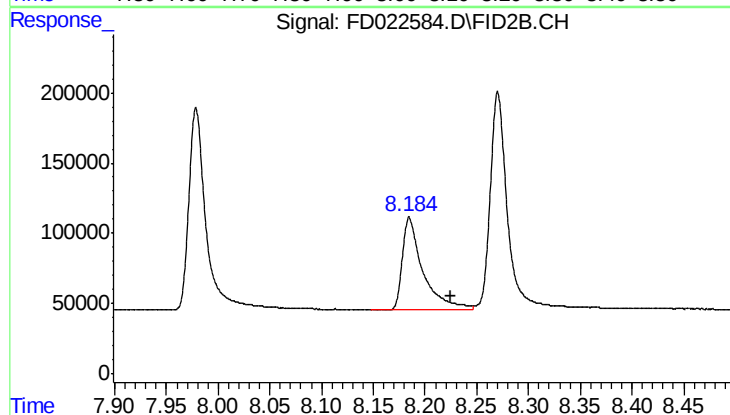
#4 2-Bromonaphthalene (SURR)

R.T.: 7.324 min  
Delta R.T.: -0.032 min  
Response: 1465602  
Conc: 17.49 ug/ml



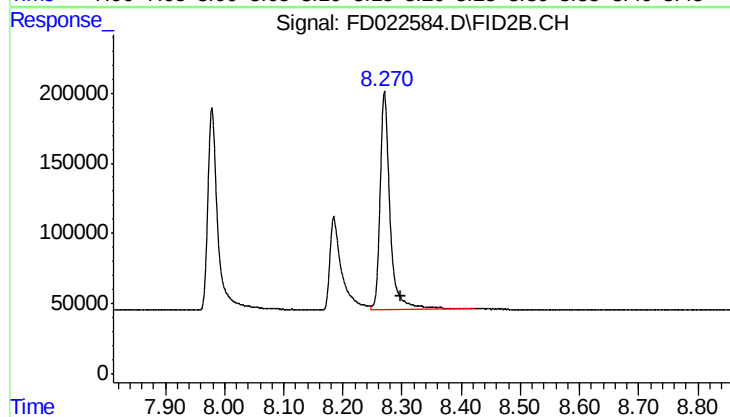
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min  
Delta R.T.: -0.030 min  
Response: 1685346  
Conc: 17.60 ug/ml



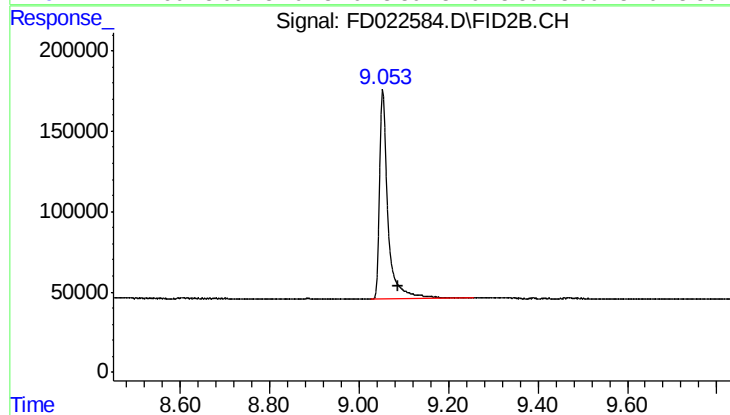
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min  
Delta R.T.: -0.040 min  
Response: 892914  
Conc: 17.66 ug/ml



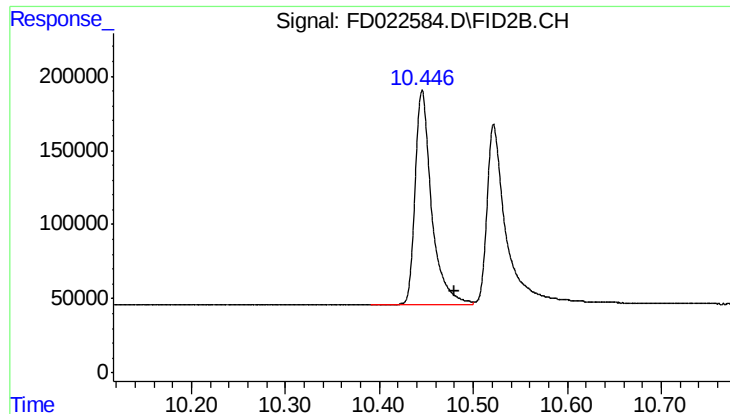
#7 Acenaphthene (C15.5)

R.T.: 8.270 min  
Delta R.T.: -0.028 min  
Response: 1801603  
Conc: 17.59 ug/ml



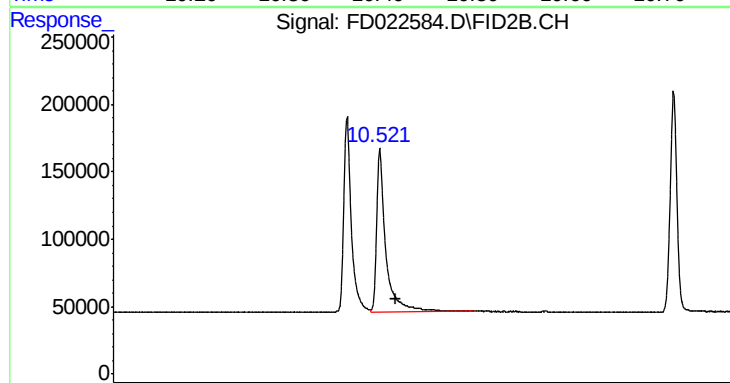
#8 Fluorene (C16.55)

R.T.: 9.053 min  
Delta R.T.: -0.034 min  
Response: 1699907  
Conc: 18.13 ug/ml



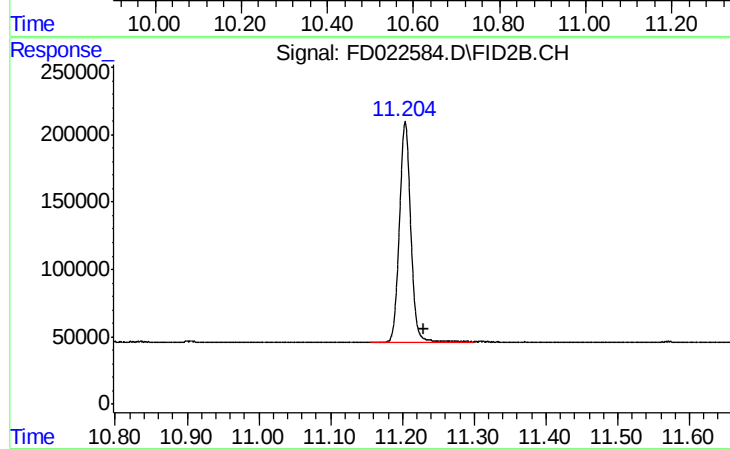
#9 Phenanthrene (C19.36)

R.T.: 10.446 min  
Delta R.T.: -0.034 min  
Response: 1758364  
Conc: 18.87 ug/ml



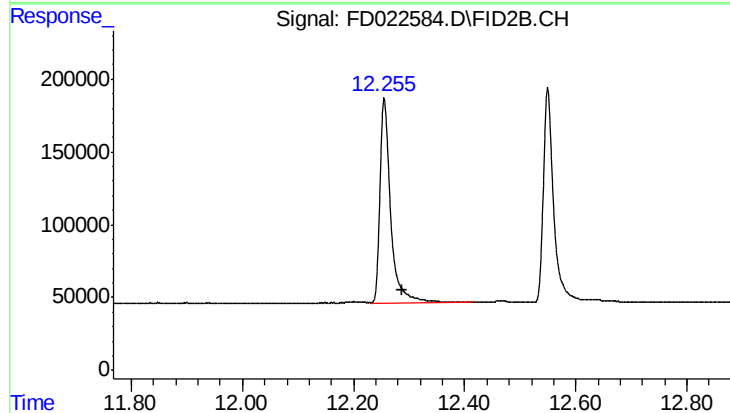
#10 Anthracene (C19.43)

R.T.: 10.522 min  
Delta R.T.: -0.037 min  
Response: 1784358  
Conc: 18.82 ug/ml



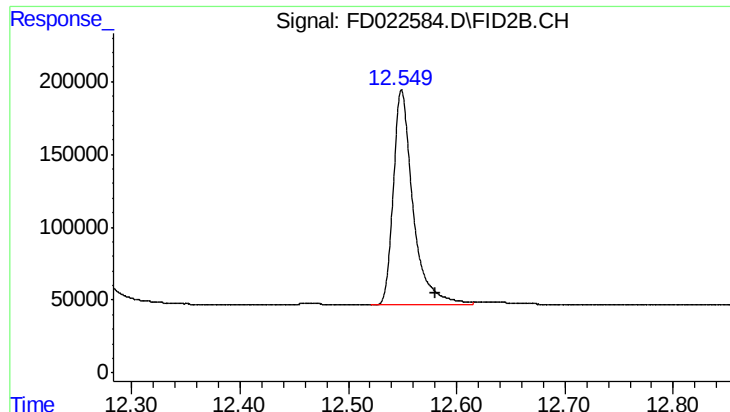
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min  
Delta R.T.: -0.026 min  
Response: 1771006  
Conc: 18.66 ug/ml



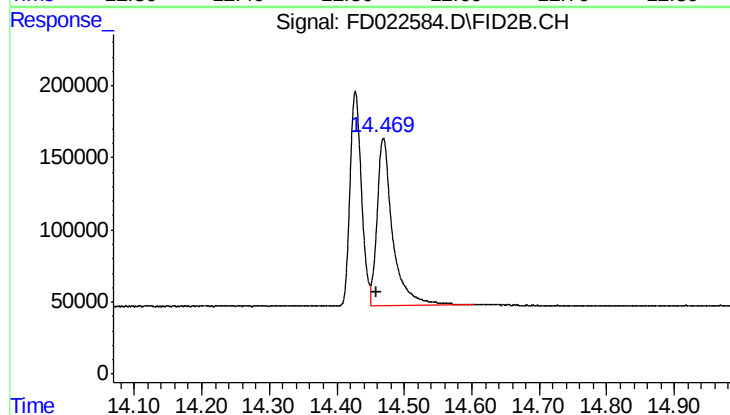
#12 Fluoranthene (C21.85)

R.T.: 12.255 min  
Delta R.T.: -0.033 min  
Response: 1877737  
Conc: 18.72 ug/ml



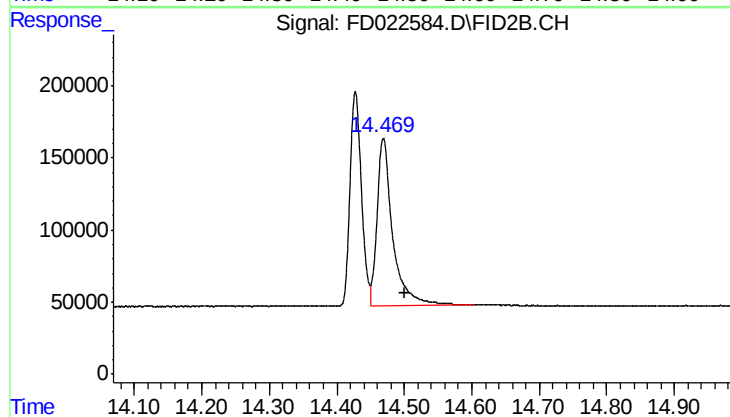
#13 Pyrene (C20.8)

R.T.: 12.549 min  
Delta R.T.: -0.031 min  
Response: 1878548  
Conc: 18.49 ug/ml



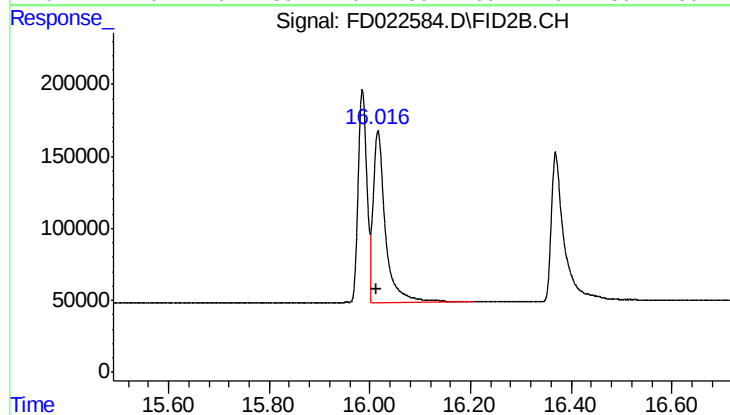
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min  
Delta R.T.: 0.010 min  
Response: 1870505  
Conc: 19.40 ug/ml



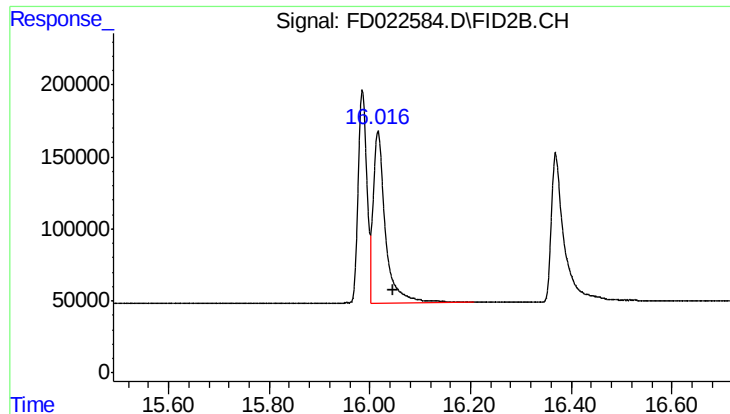
#15 Chrysene (C27.41)

R.T.: 14.469 min  
Delta R.T.: -0.031 min  
Response: 1870505  
Conc: 17.33 ug/ml



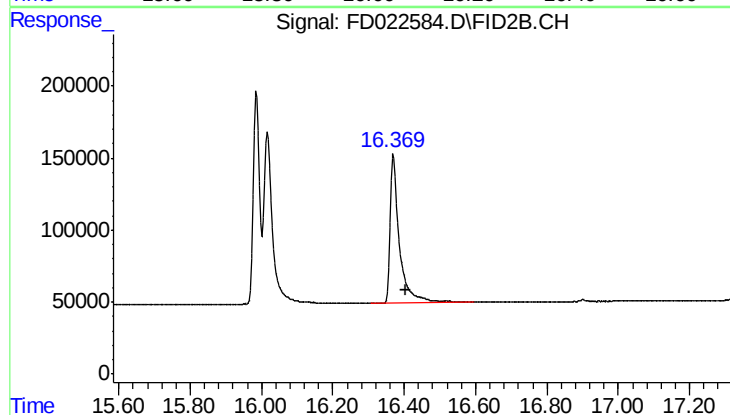
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.016 min  
Delta R.T.: 0.004 min  
Response: 2022600  
Conc: 20.12 ug/ml



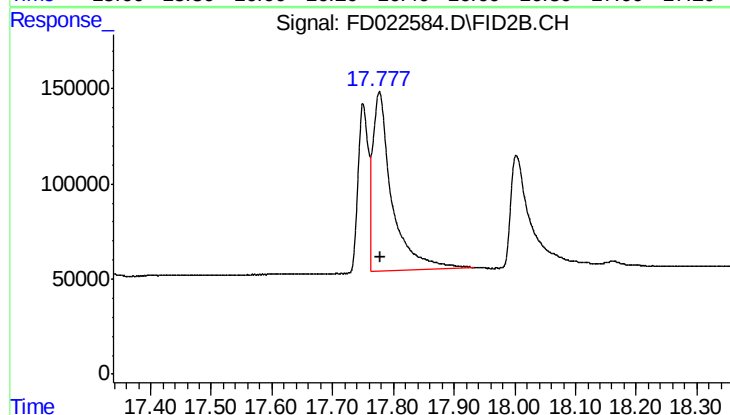
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min  
Delta R.T.: -0.030 min  
Response: 2022600  
Conc: 17.82 ug/ml



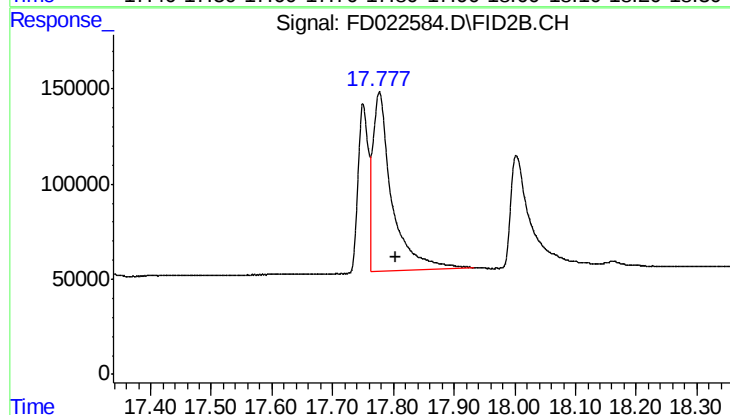
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min  
Delta R.T.: -0.035 min  
Response: 1854300  
Conc: 17.64 ug/ml



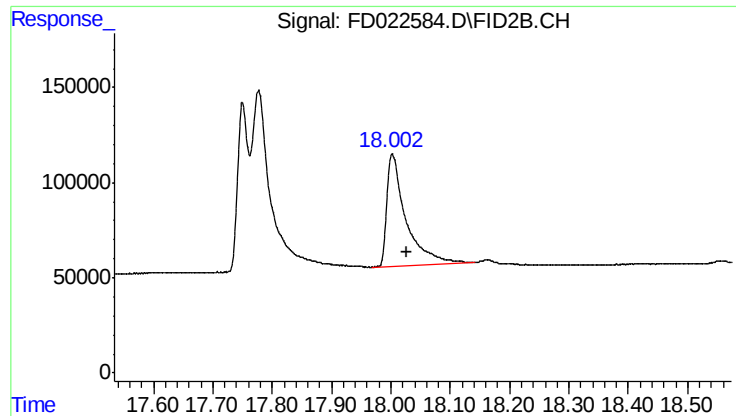
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min  
Delta R.T.: 0.000 min  
Response: 2055819  
Conc: 21.58 ug/ml



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

R.T.: 17.777 min  
Delta R.T.: -0.028 min  
Response: 2055819  
Conc: 18.09 ug/ml



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

R.T.: 18.002 min  
Delta R.T.: -0.025 min  
Response: 1318674  
Conc: 12.70 ug/ml