

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082418AR\  
 Data File : FD025489.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Aug 2018 21:27  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 25 05:37:47 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082118.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 21 14:40:04 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...      | 7.438  | 1638526    | 20.325 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.65%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.290  | 1139786    | 20.072 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.14%       |
| 11) S ortho-Terphenyl (SURR)       | 11.335 | 1795234    | 19.152 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.30%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.238  | 1712606    | 21.796 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.773  | 1870820    | 21.390 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.824  | 1848706    | 20.850 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.094  | 1790150    | 20.082 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.390  | 1875357    | 20.049 ug/ml |
| 8) T Flouorene (C16.55)            | 9.169  | 1854630    | 19.382 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.559 | 1860015    | 19.259 ug/ml |
| 10) T Anthracene (C19.43)          | 10.633 | 1808899    | 19.062 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.366 | 1927351    | 20.091 ug/ml |
| 13) T Pyrene (C20.8)               | 12.660 | 1956656    | 20.449 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.529 | 2014394    | 22.508 ug/ml |
| 15) T Chrysene (C27.41)            | 14.571 | 2028154    | 22.607 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.076 | 2118860    | 22.173 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.108 | 2115829    | 21.850 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.452 | 2110532    | 21.693 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.813 | 2055149    | 20.048 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.855 | 2027742    | 20.129 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.066 | 2125157    | 20.542 ug/ml |
| -----                              |        |            |              |

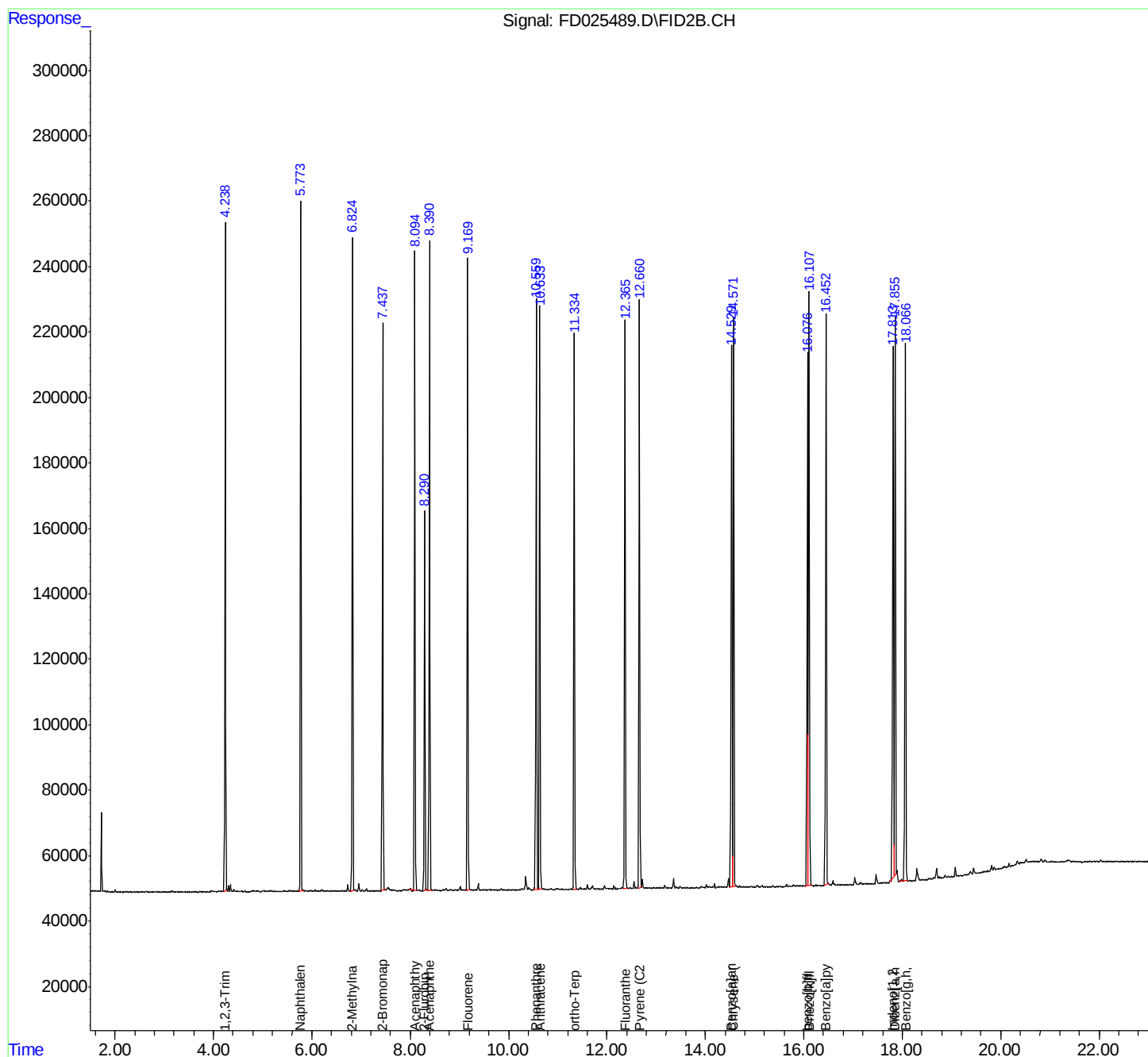
(f)=RT Delta > 1/2 Window

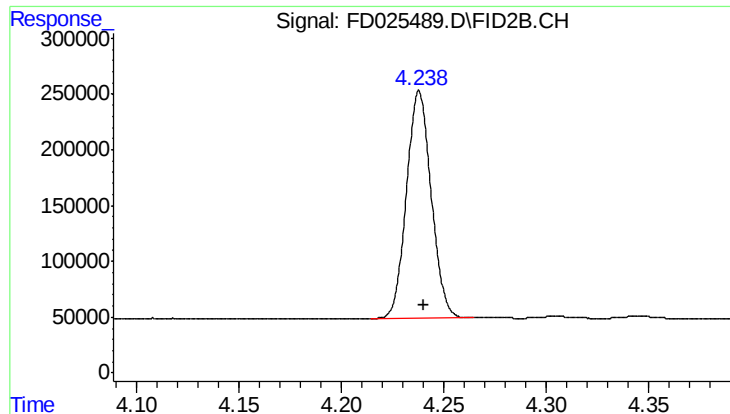
(m)=manual int.

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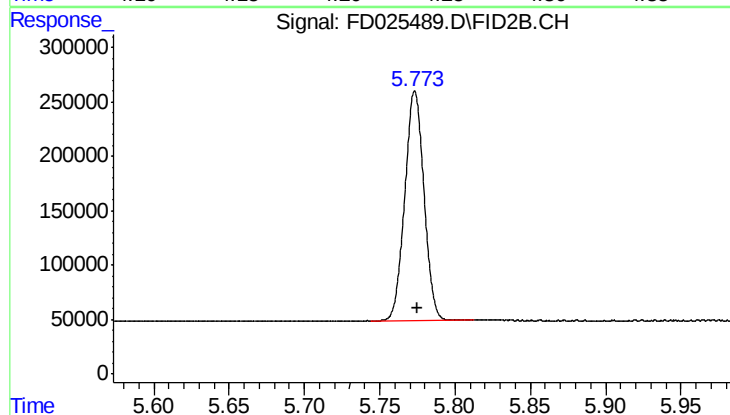
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





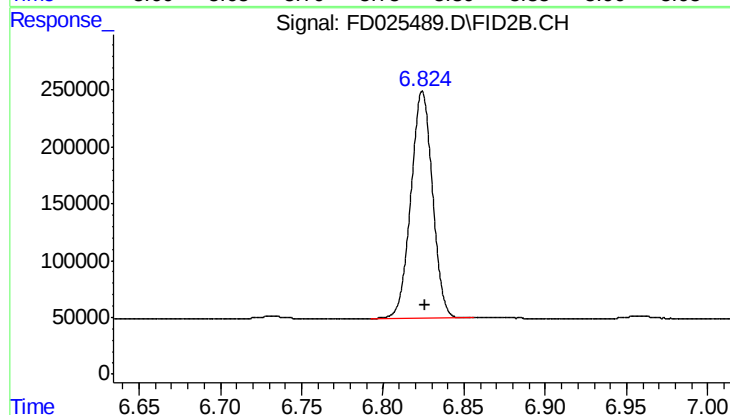
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 1712606  
Conc: 21.80 ug/ml



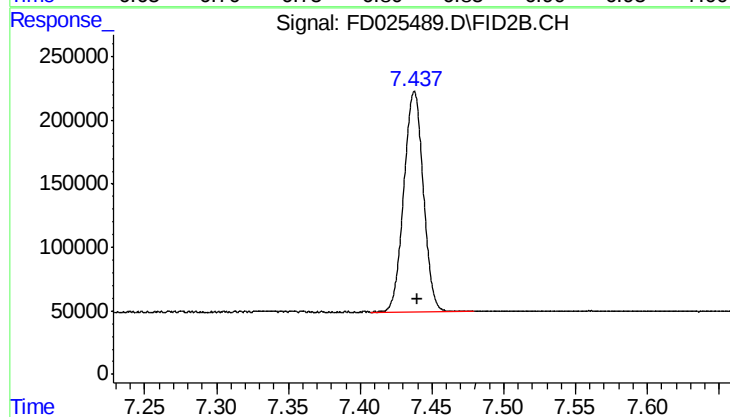
#2 Naphthalene (C11.7)

R.T.: 5.773 min  
Delta R.T.: -0.002 min  
Response: 1870820  
Conc: 21.39 ug/ml



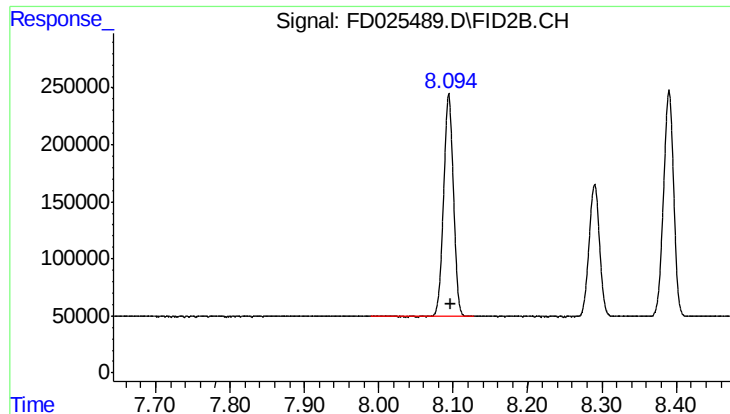
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min  
Delta R.T.: -0.002 min  
Response: 1848706  
Conc: 20.85 ug/ml



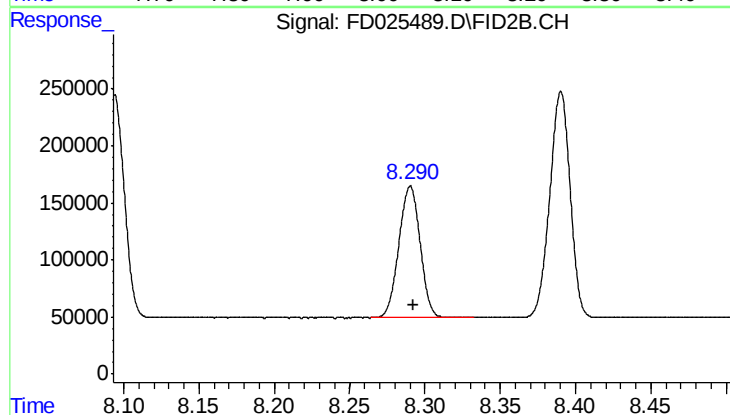
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min  
Delta R.T.: -0.002 min  
Response: 1638526  
Conc: 20.33 ug/ml



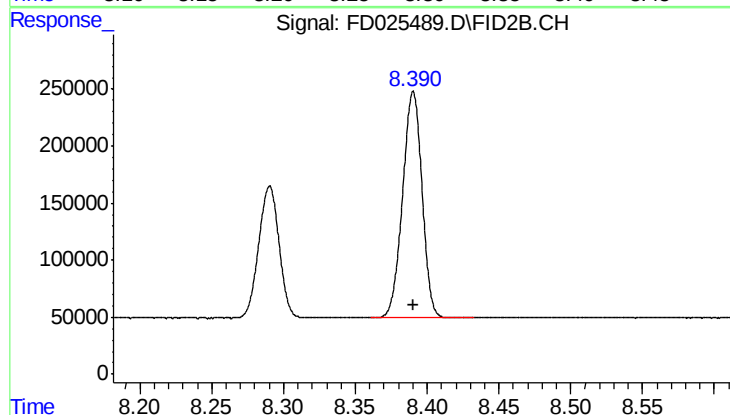
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min  
Delta R.T.: -0.002 min  
Response: 1790150  
Conc: 20.08 ug/ml



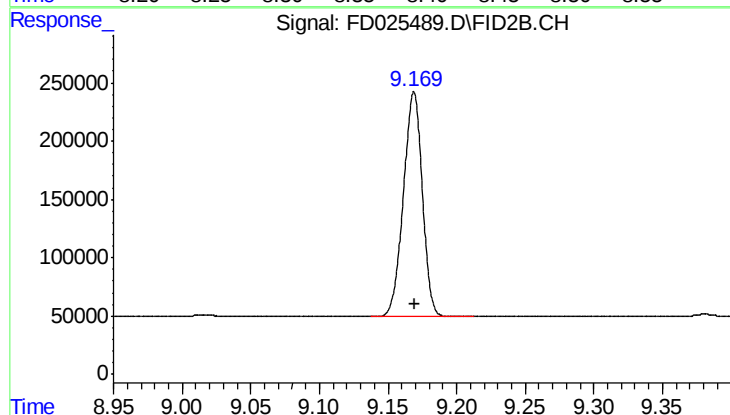
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min  
Delta R.T.: -0.002 min  
Response: 1139786  
Conc: 20.07 ug/ml



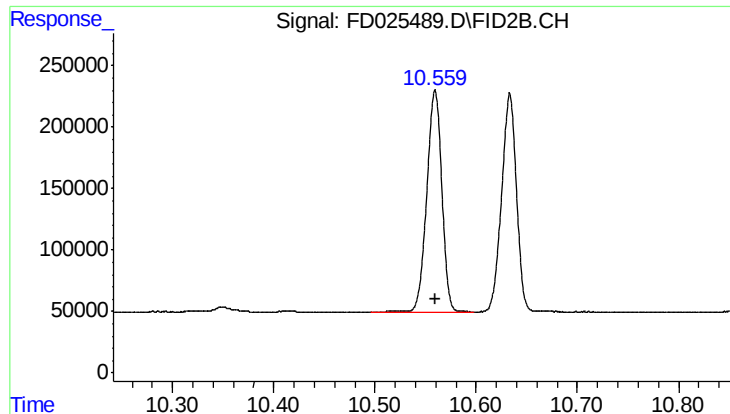
#7 Acenaphthene (C15.5)

R.T.: 8.390 min  
Delta R.T.: 0.000 min  
Response: 1875357  
Conc: 20.05 ug/ml



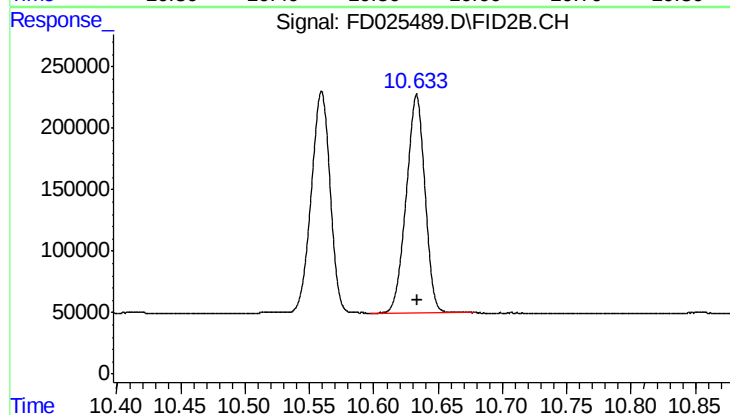
#8 Fluorene (C16.55)

R.T.: 9.169 min  
Delta R.T.: 0.000 min  
Response: 1854630  
Conc: 19.38 ug/ml



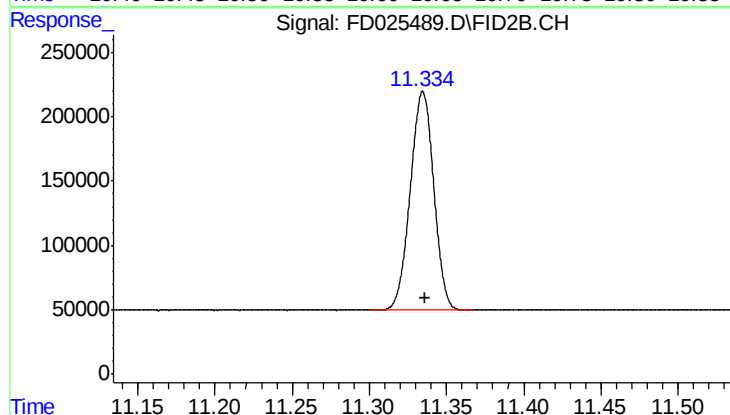
#9 Phenanthrene (C19.36)

R.T.: 10.559 min  
Delta R.T.: 0.000 min  
Response: 1860015  
Conc: 19.26 ug/ml



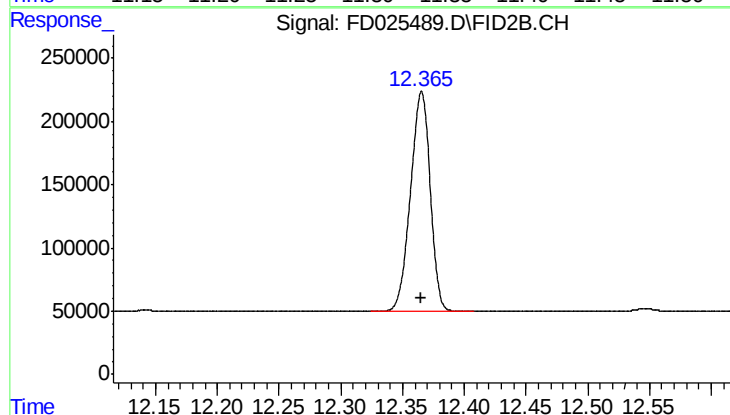
#10 Anthracene (C19.43)

R.T.: 10.633 min  
Delta R.T.: 0.000 min  
Response: 1808899  
Conc: 19.06 ug/ml



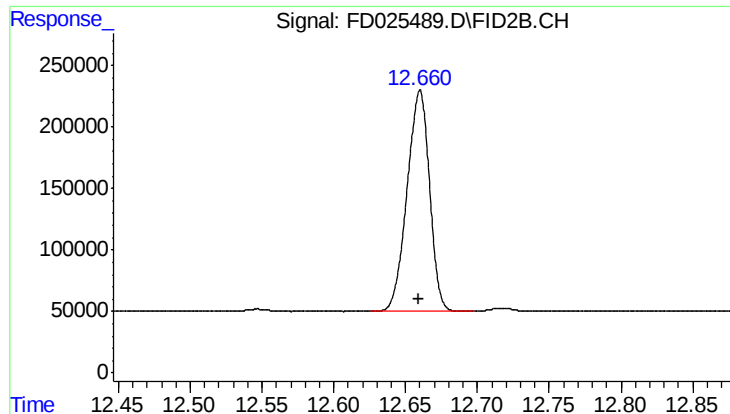
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min  
Delta R.T.: -0.001 min  
Response: 1795234  
Conc: 19.15 ug/ml



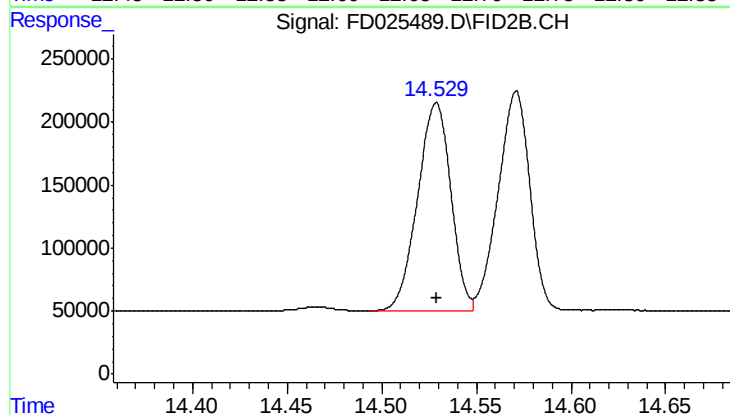
#12 Fluoranthene (C21.85)

R.T.: 12.366 min  
Delta R.T.: 0.000 min  
Response: 1927351  
Conc: 20.09 ug/ml



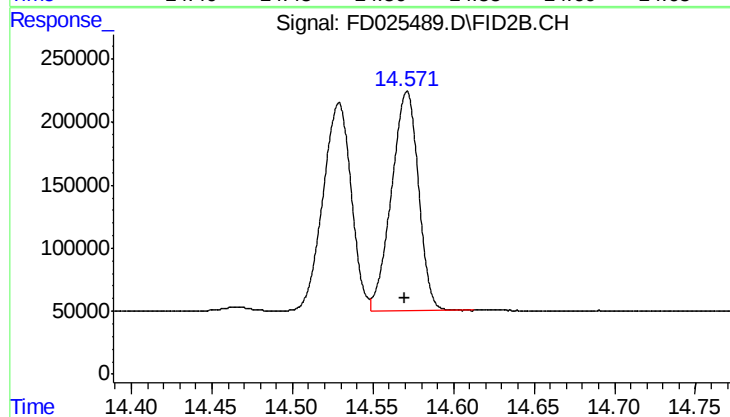
#13 Pyrene (C20.8)

R.T.: 12.660 min  
Delta R.T.: 0.000 min  
Response: 1956656  
Conc: 20.45 ug/ml



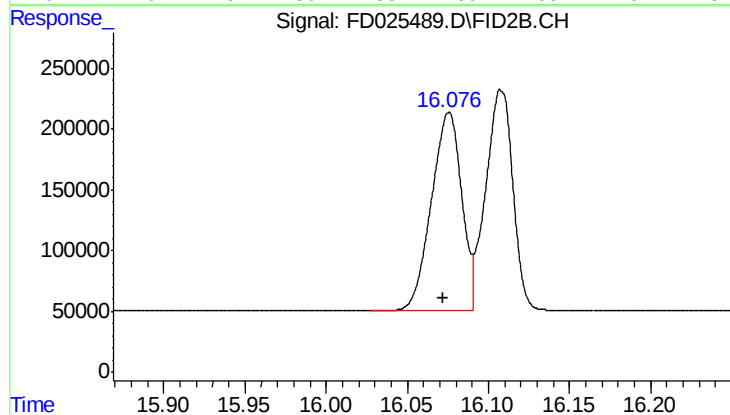
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min  
Delta R.T.: 0.000 min  
Response: 2014394  
Conc: 22.51 ug/ml



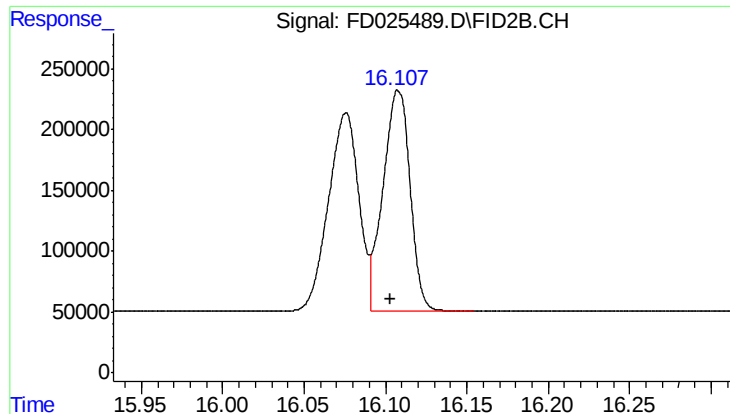
#15 Chrysene (C27.41)

R.T.: 14.571 min  
Delta R.T.: 0.002 min  
Response: 2028154  
Conc: 22.61 ug/ml



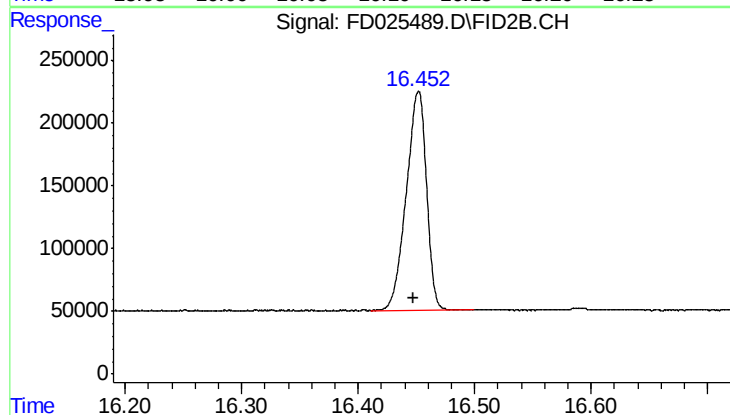
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min  
Delta R.T.: 0.003 min  
Response: 2118860  
Conc: 22.17 ug/ml



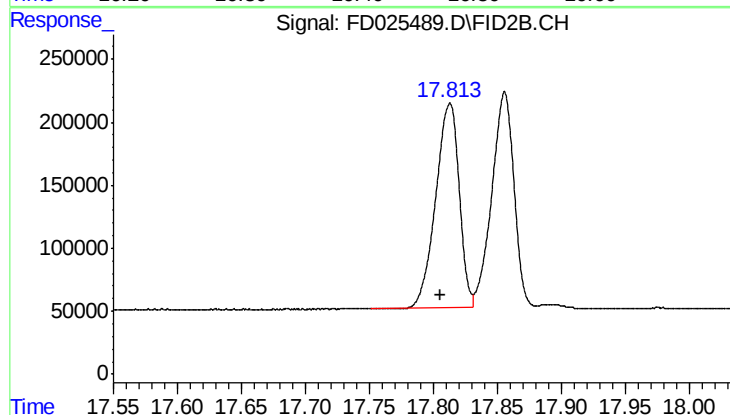
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min  
Delta R.T.: 0.005 min  
Response: 2115829  
Conc: 21.85 ug/ml



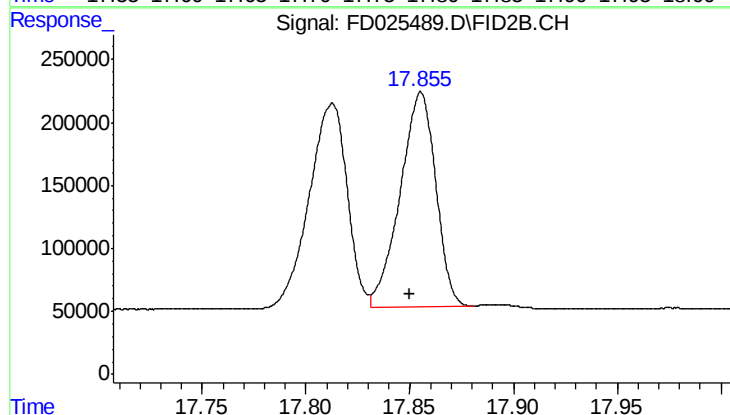
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.452 min  
Delta R.T.: 0.005 min  
Response: 2110532  
Conc: 21.69 ug/ml



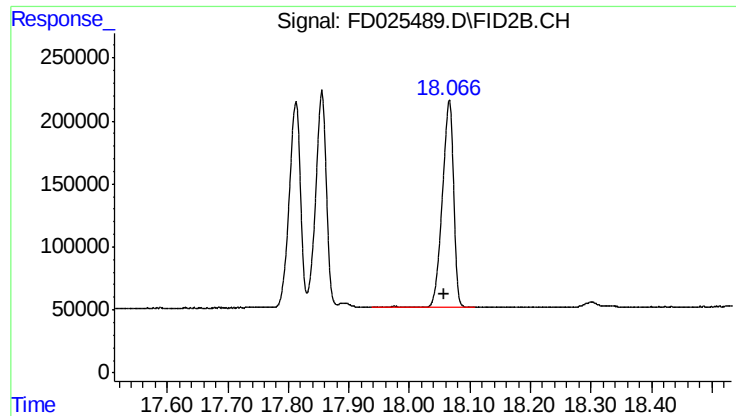
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min  
Delta R.T.: 0.007 min  
Response: 2055149  
Conc: 20.05 ug/ml



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

R.T.: 17.855 min  
Delta R.T.: 0.005 min  
Response: 2027742  
Conc: 20.13 ug/ml



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

R.T.: 18.066 min  
Delta R.T.: 0.009 min  
Response: 2125157  
Conc: 20.54 ug/ml