Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080618AR\
Data File : FD025338.D
Signal(s) : FID2B.CH
Acq On : 07 Aug 2018 10:50
Operator : AJ\SJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 07 11:17:06 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
Quant Title : GC Extractables
QLast Update : Sat Jul 21 00:37:31 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 | 1397868 | 18.109 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 36.22% |
| 6) S 2-Flurobiphenyl (SURR) | 8.290 | 971622 | 18.070 ug/ml |
| Spiked Amount 50.000 Range | 0 - 131 | Recovery = | 36.14% |
| 11) S ortho-Terphenyl (SURR) | 11.336 | 1588834 | 18.722 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 37.44% |
| Target Compounds | | | |
| 1) T 1,2,3-Trimethylbenzen... | 4.238 | 1496823 | 19.165 ug/mlm |
| 2) T Naphthalene (C11.7) | 5.773 | 1597699 | 18.545 ug/ml |
| 3) T 2-Methylnaphthalene (... | 6.824 | 1575053 | 18.319 ug/ml |
| 5) T Acenaphthylene (C15.06) | 8.094 | 1544888 | 18.188 ug/ml |
| 7) T Acenaphthene (C15.5) | 8.390 | 1615584 | 18.145 ug/ml |
| 8) T Flouorene (C16.55) | 9.169 | 1614188 | 18.124 ug/ml |
| 9) T Phenanthrene (C19.36) | 10.559 | 1648642 | 18.407 ug/ml |
| 10) T Anthracene (C19.43) | 10.633 | 1619274 | 18.389 ug/ml |
| 12) T Fluoranthene (C21.85) | 12.365 | 1665022 | 18.951 ug/ml |
| 13) T Pyrene (C20.8) | 12.659 | 1673649 | 19.045 ug/ml |
| 14) T Benzo[a]anthracene (C... | 14.528 | 1657787 | 19.877 ug/ml |
| 15) T Chrysene (C27.41) | 14.569 | 1669519 | 19.818 ug/ml |
| 16) T benzo[b]fluoranthene ... | 16.072 | 1765943 | 19.628 ug/ml |
| 17) T Bnezo[k]fluoranthene ... | 16.105 | 1777208 | 19.739 ug/ml |
| 18) T Benzo[a]pyrene (C31.34) | 16.448 | 1778086 | 19.318 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren... | 17.808 | 1794229 | 19.017 ug/ml |
| 20) T Dibenz[a,h]anthracene... | 17.852 | 1776541 | 19.413 ug/ml |
| 21) T Benzo[g,h,i]perylene ... | 18.062 | 1843162 | 19.026 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080618AR\
Data File : FD025338.D
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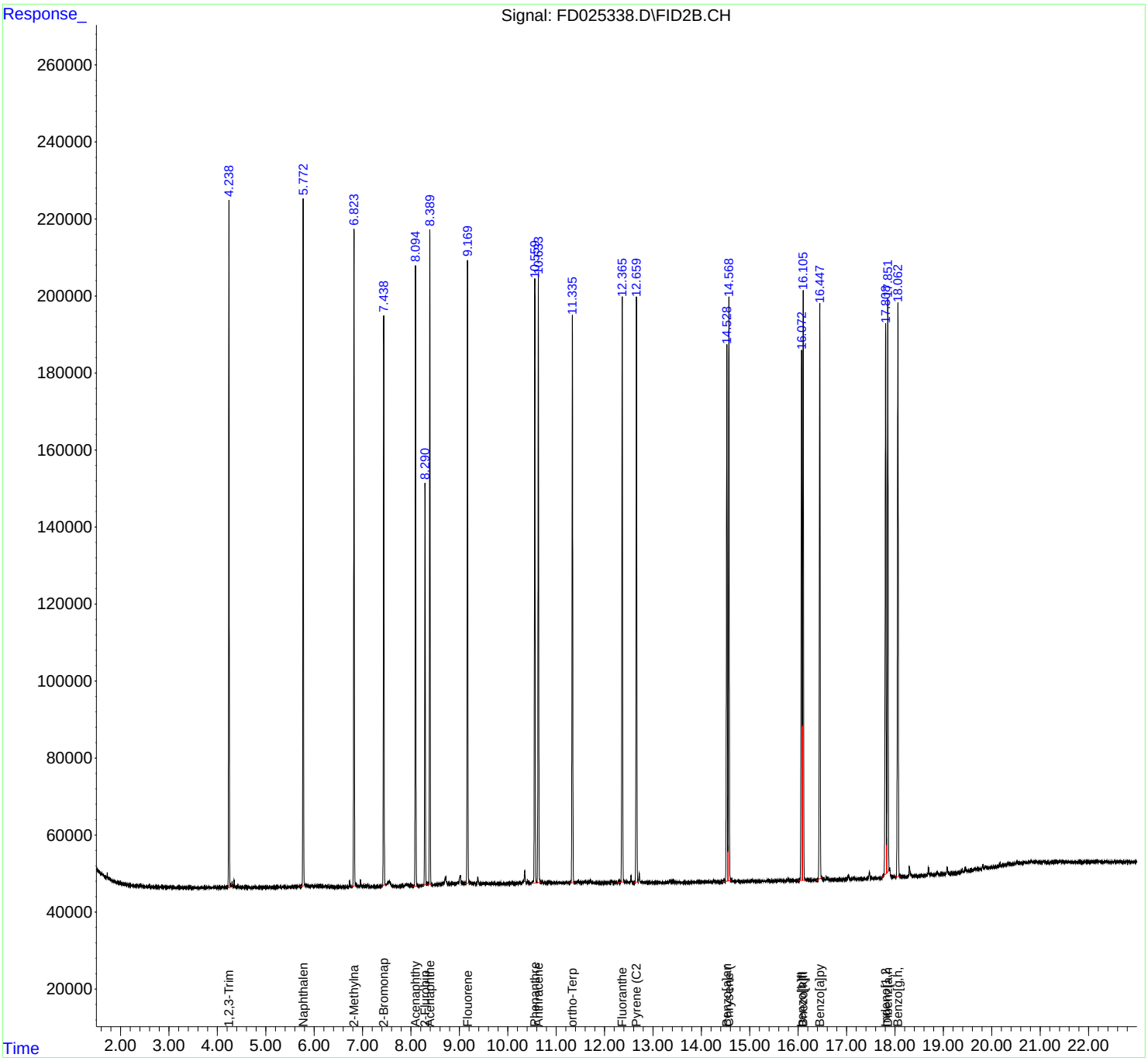
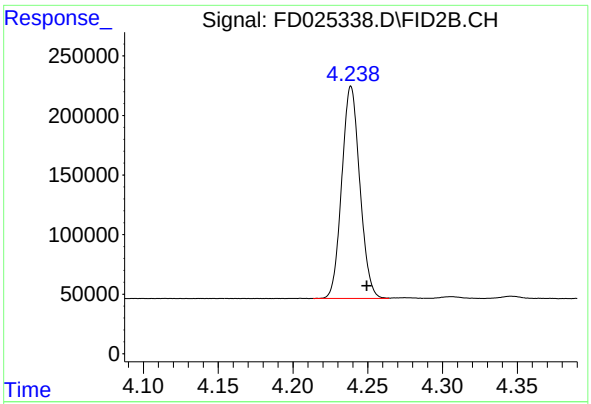
Acq On : 07 Aug 2018 10:50
Operator : AJ\SJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 07 11:17:06 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
Quant Title : GC Extractables
QLast Update : Sat Jul 21 00:37:31 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

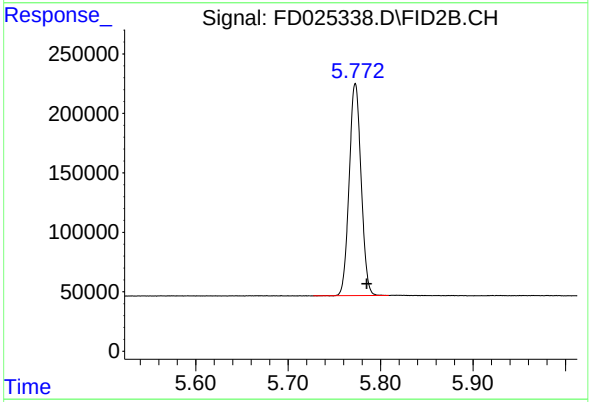
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





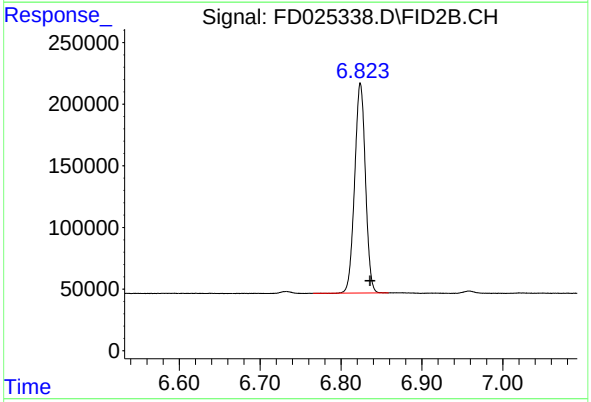

#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.011 min
Response: 1496823
Conc: 19.16 ug/ml m



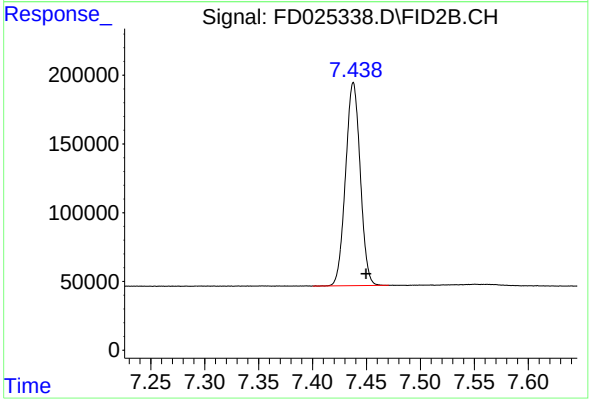

#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.012 min
Response: 1597699
Conc: 18.55 ug/ml



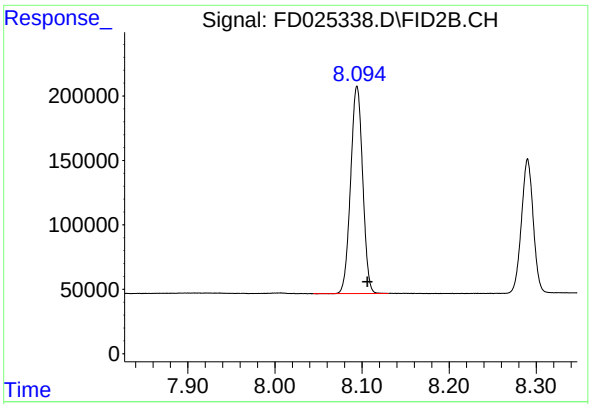

#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.012 min
Response: 1575053
Conc: 18.32 ug/ml



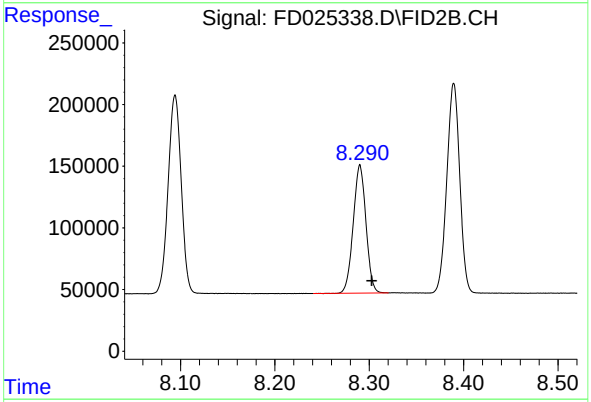

#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.012 min
Response: 1397868
Conc: 18.11 ug/ml



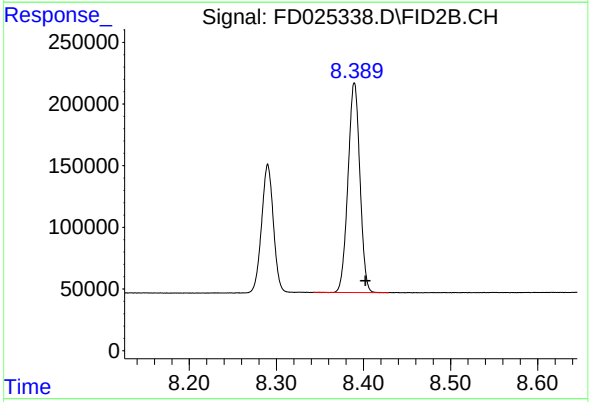

#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 1544888
Conc: 18.19 ug/ml



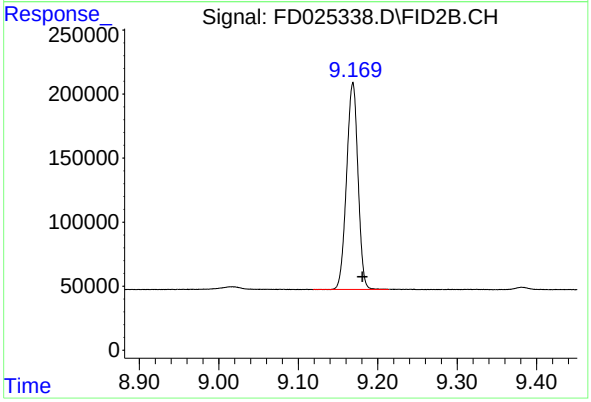

#6 2-Flurobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.013 min
Response: 971622
Conc: 18.07 ug/ml



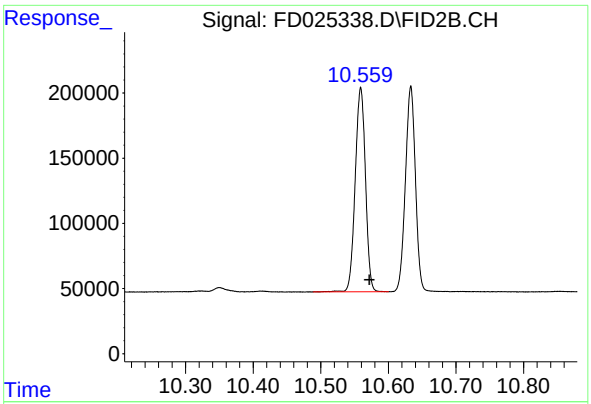

#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.013 min
Response: 1615584
Conc: 18.14 ug/ml



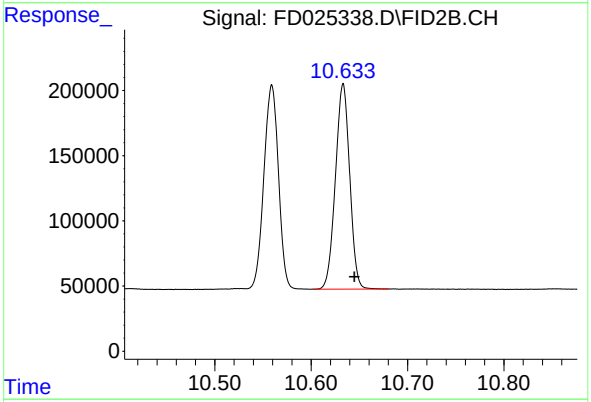

#8 Flouorene (C16.55)

R.T.: 9.169 min
Delta R.T.: -0.012 min
Response: 1614188
Conc: 18.12 ug/ml



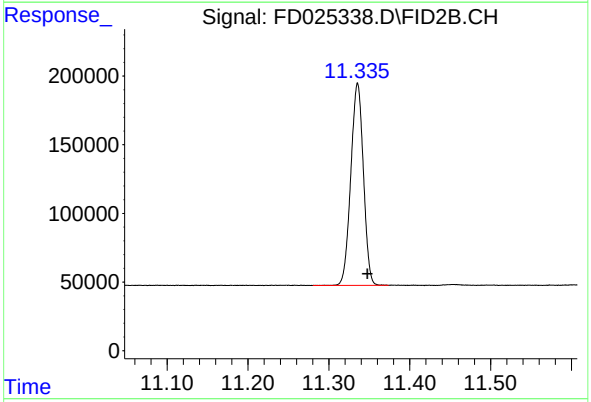

#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.013 min
Response: 1648642
Conc: 18.41 ug/ml



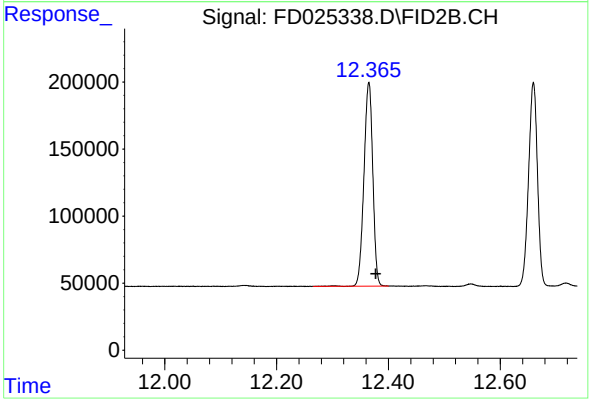

#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 1619274
Conc: 18.39 ug/ml



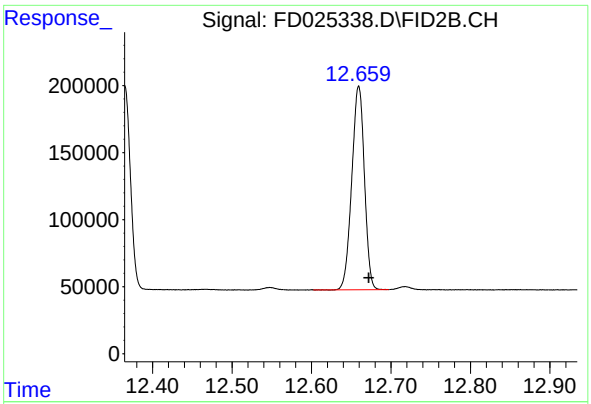

#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: -0.012 min
Response: 1588834
Conc: 18.72 ug/ml



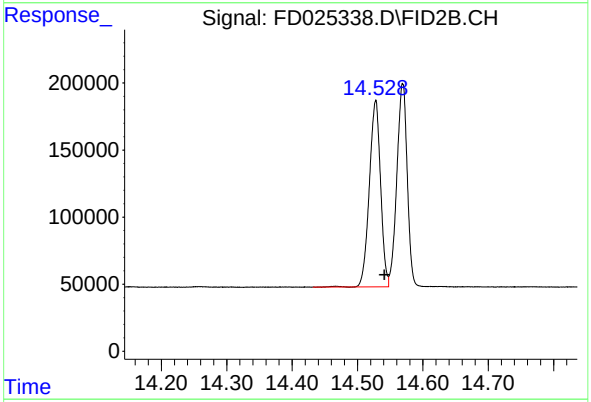

#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: -0.012 min
Response: 1665022
Conc: 18.95 ug/ml



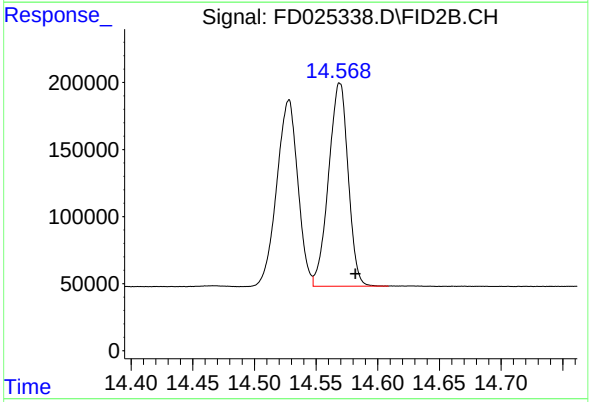

#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: -0.013 min
Response: 1673649
Conc: 19.04 ug/ml



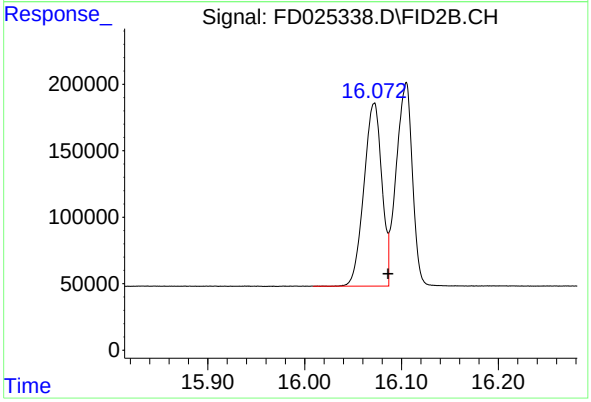

#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: -0.014 min
Response: 1657787
Conc: 19.88 ug/ml



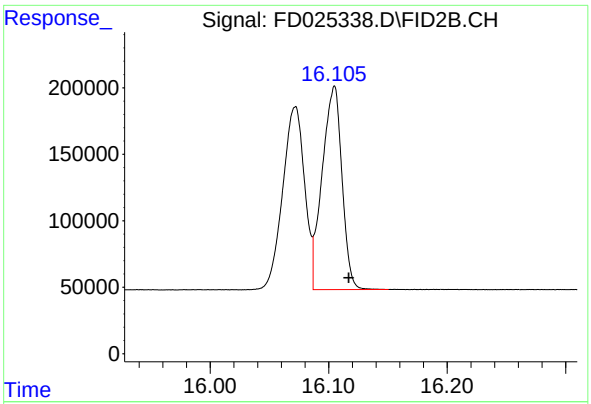

#15 Chrysene (C27.41)

R.T.: 14.569 min
Delta R.T.: -0.013 min
Response: 1669519
Conc: 19.82 ug/ml



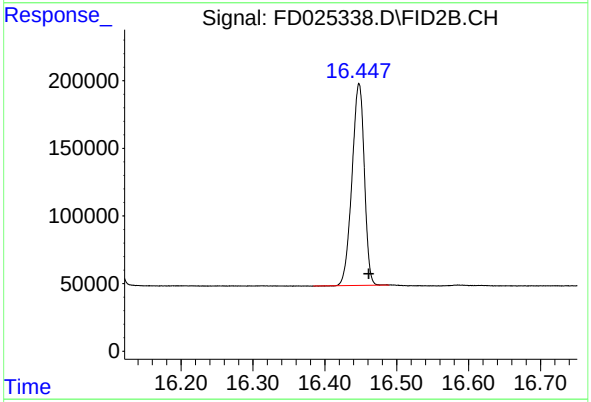

#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.072 min
Delta R.T.: -0.014 min
Response: 1765943
Conc: 19.63 ug/ml



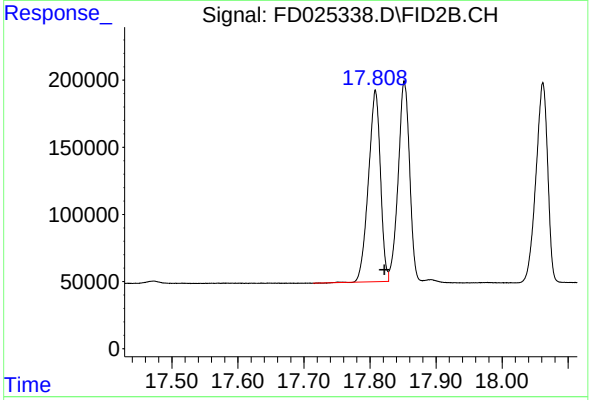

#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.105 min
Delta R.T.: -0.012 min
Response: 1777208
Conc: 19.74 ug/ml



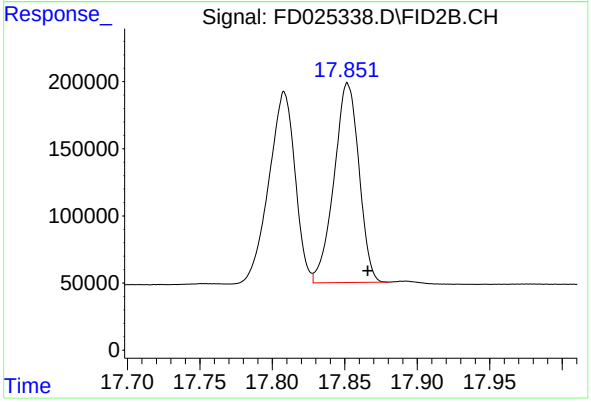

#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.013 min
Response: 1778086
Conc: 19.32 ug/ml



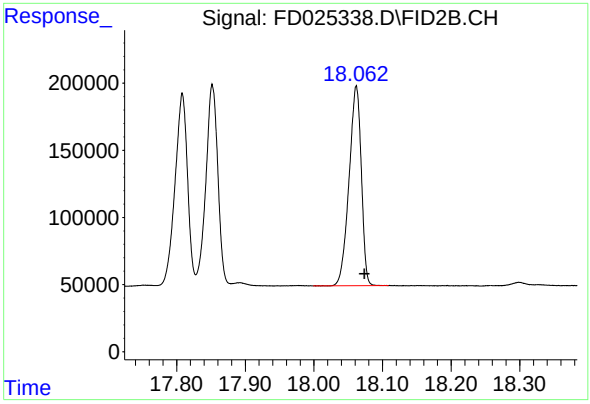

#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: -0.014 min
Response: 1794229
Conc: 19.02 ug/ml




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

R.T.: 17.852 min
Delta R.T.: -0.014 min
Response: 1776541
Conc: 19.41 ug/ml




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

R.T.: 18.062 min
Delta R.T.: -0.012 min
Response: 1843162
Conc: 19.03 ug/ml