

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090325AR\
 Data File : FF016320.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 12:22
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 01:29:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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... | 8.034 | 7328890 | 61.306 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 122.61% |
| 6) S 2-Fluorobiphenyl (SURR) | 8.910 | 4638762 | 56.016 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 | | Recovery = | 112.03% |
| 11) S ortho-Terphenyl (SURR) | 11.978 | 7832397 | 54.006 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 108.01% |
| Target Compounds | | | |
| 1) T 1,2,3-Trimethylbenzen... | 4.625 | 506472 | 3.908 ug/ml |
| 2) T Naphthalene (C11.7) | 6.302 | 578431 | 4.228 ug/ml |
| 3) T 2-Methylnaphthalene (...) | 7.401 | 563650 | 4.030 ug/ml |
| 5) T Acenaphthylene (C15.06) | 8.706 | 642018 | 4.573 ug/ml |
| 7) T Acenaphthene (C15.5) | 9.005 | 664392 | 4.740 ug/ml |
| 8) T Fluorene (C16.55) | 9.795 | 648370 | 4.640 ug/ml |
| 9) T Phenanthrene (C19.36) | 11.202 | 636395 | 4.513 ug/ml |
| 10) T Anthracene (C19.43) | 11.277 | 635769 | 4.598 ug/ml |
| 12) T Fluoranthene (C21.85) | 13.023 | 646069 | 4.580 ug/ml |
| 13) T Pyrene (C20.8) | 13.321 | 665478 | 4.755 ug/ml |
| 14) T Benzo[a]anthracene (C... | 15.203 | 632047 | 4.779 ug/ml |
| 15) T Chrysene (C27.41) | 15.244 | 801312 | 5.879 ug/ml |
| 16) T benzo[b]fluoranthene ... | 16.762 | 611557 | 4.693 ug/ml |
| 17) T Bnezo[k]fluoranthene ... | 16.793 | 658141 | 5.261 ug/ml |
| 18) T Benzo[a]pyrene (C31.34) | 17.143 | 591557 | 4.629 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren... | 18.516 | 575302 | 5.036 ug/ml |
| 20) T Dibenz[a,h]anthracene... | 18.558 | 677438 | 5.397 ug/ml |
| 21) T Benzo[g,h,i]perylene ... | 18.769 | 602797 | 4.888 ug/ml |

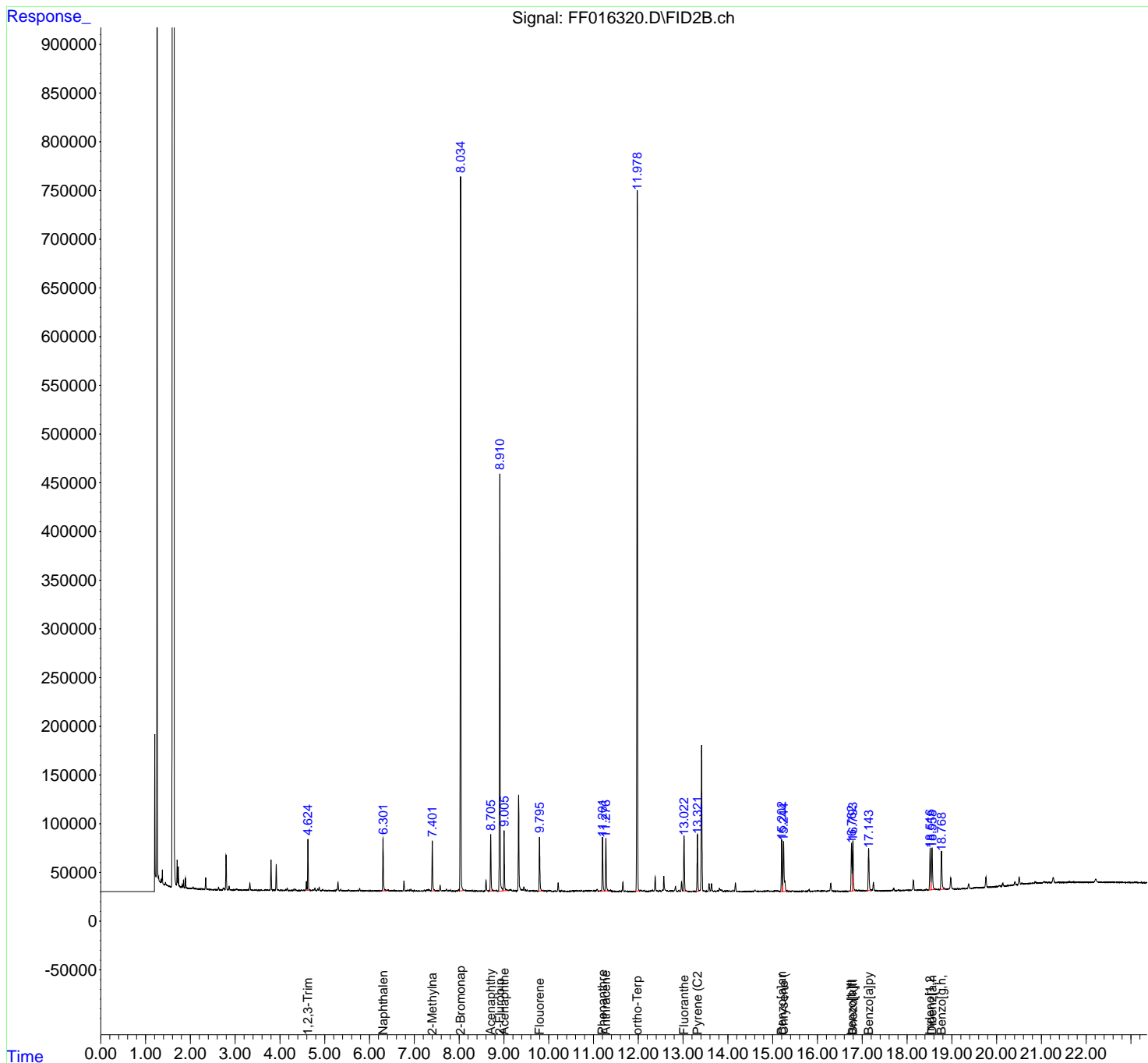
(f)=RT Delta > 1/2 Window

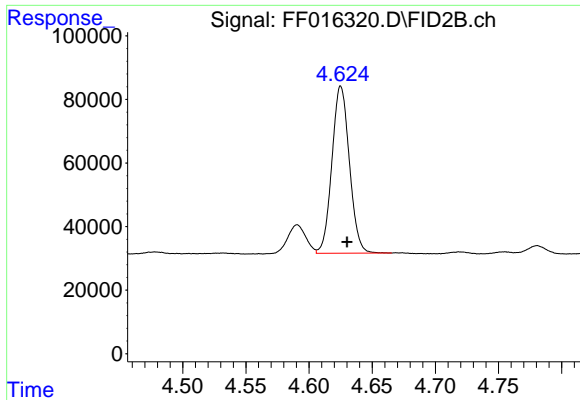
(m)=manual int.

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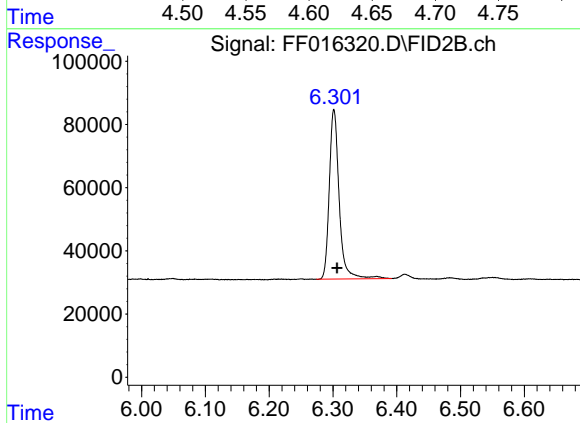
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 Signal Info : 20M x 0.18mm x 0.18µm





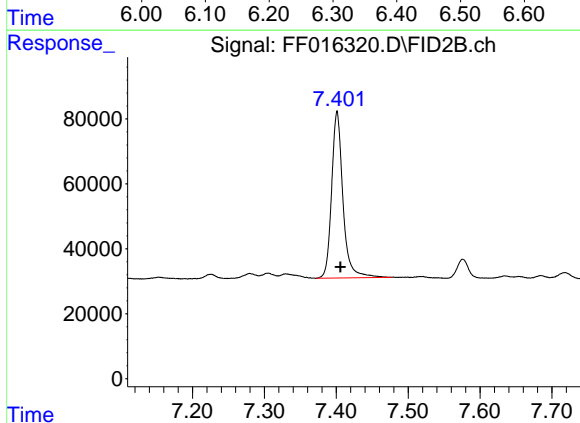
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.625 min
Delta R.T.: -0.005 min
Response: 506472
Conc: 3.91 ug/ml



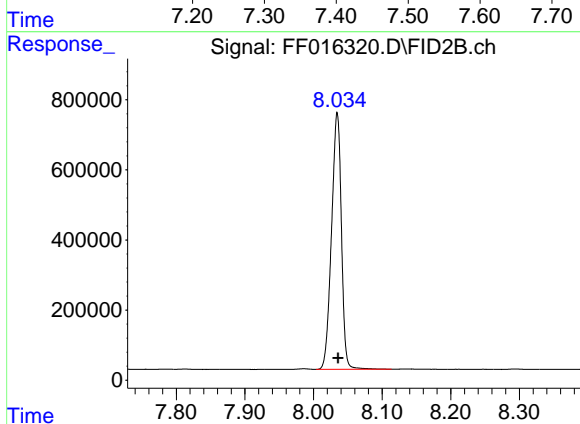
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 578431
Conc: 4.23 ug/ml



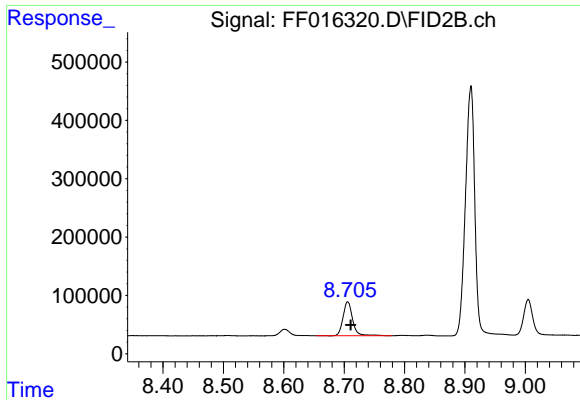
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 563650
Conc: 4.03 ug/ml

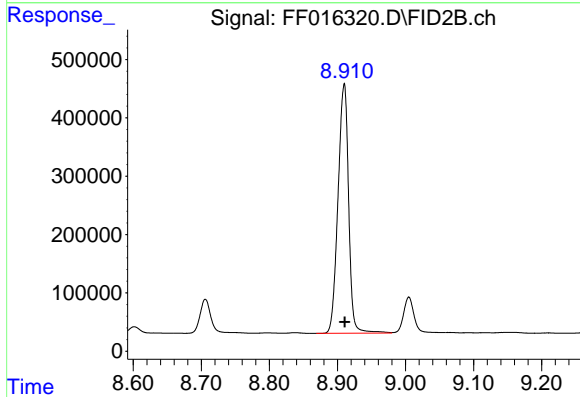


#4 2-Bromonaphthalene (SURR)

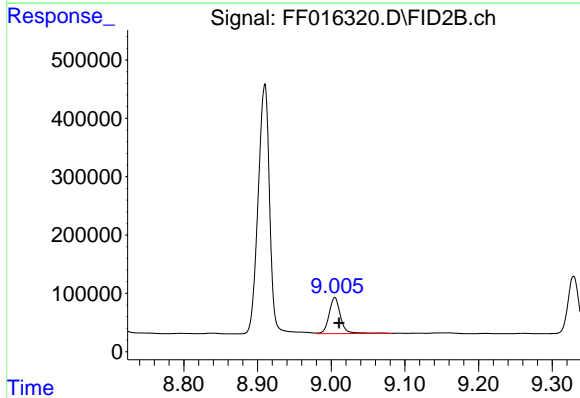
R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 7328890
Conc: 61.31 ug/ml



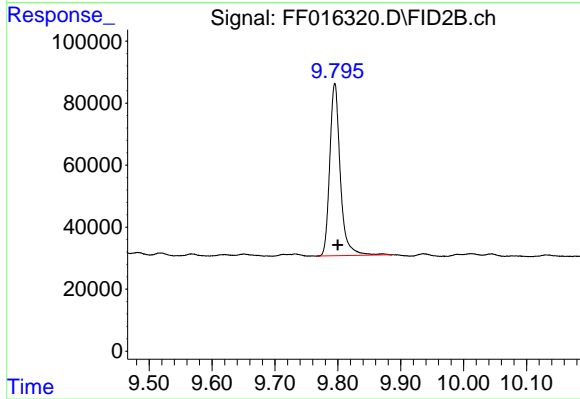
#5 Acenaphthylene (C15.06)
 R.T.: 8.706 min
 Delta R.T.: -0.005 min
 Response: 642018
 Conc: 4.57 ug/ml



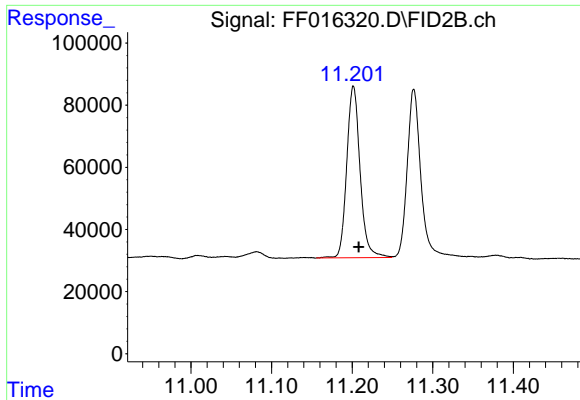
#6 2-Fluorobiphenyl (SURR)
 R.T.: 8.910 min
 Delta R.T.: -0.001 min
 Response: 4638762
 Conc: 56.02 ug/ml



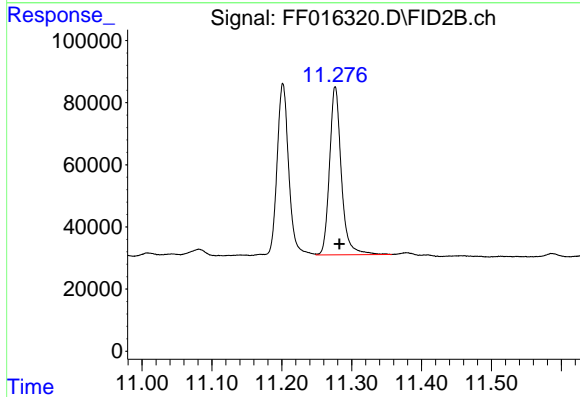
#7 Acenaphthene (C15.5)
 R.T.: 9.005 min
 Delta R.T.: -0.006 min
 Response: 664392
 Conc: 4.74 ug/ml



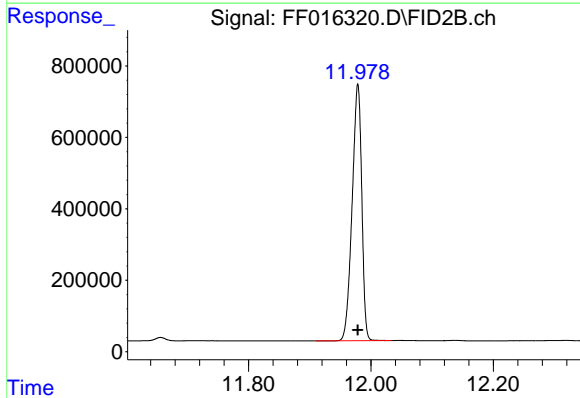
#8 Fluorene (C16.55)
 R.T.: 9.795 min
 Delta R.T.: -0.005 min
 Response: 648370
 Conc: 4.64 ug/ml



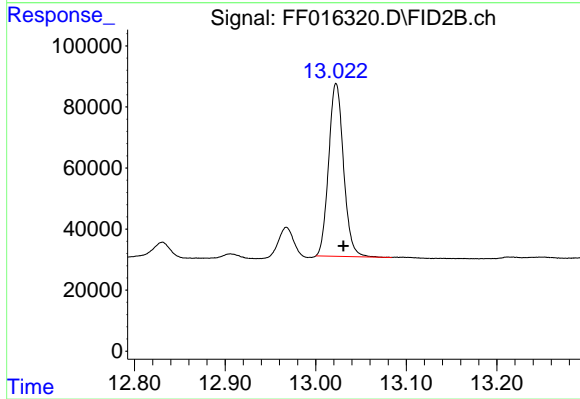
#9 Phenanthrene (C19.36)
R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 636395
Conc: 4.51 ug/ml



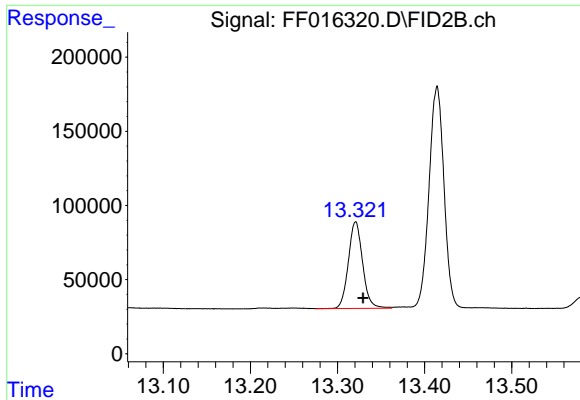
#10 Anthracene (C19.43)
R.T.: 11.277 min
Delta R.T.: -0.006 min
Response: 635769
Conc: 4.60 ug/ml



#11 ortho-Terphenyl (SURR)
R.T.: 11.978 min
Delta R.T.: 0.000 min
Response: 7832397
Conc: 54.01 ug/ml

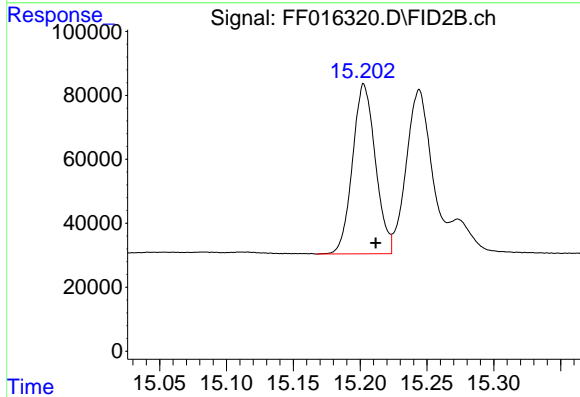


#12 Fluoranthene (C21.85)
R.T.: 13.023 min
Delta R.T.: -0.008 min
Response: 646069
Conc: 4.58 ug/ml



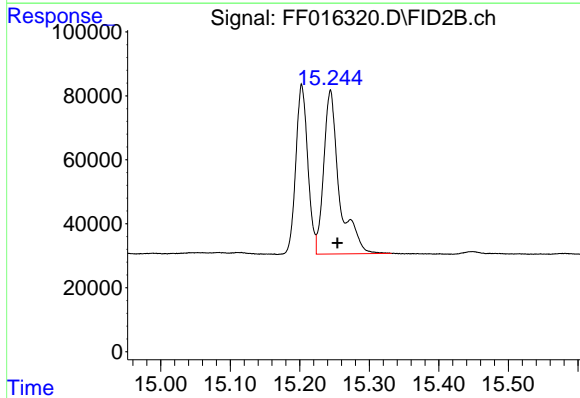
#13 Pyrene (C20.8)

R.T.: 13.321 min
Delta R.T.: -0.009 min
Response: 665478
Conc: 4.75 ug/ml



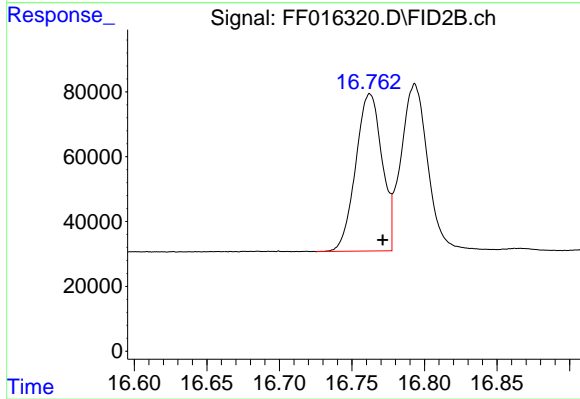
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.203 min
Delta R.T.: -0.009 min
Response: 632047
Conc: 4.78 ug/ml



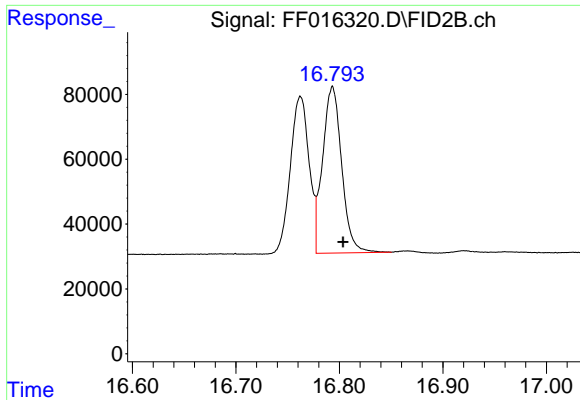
#15 Chrysene (C27.41)

R.T.: 15.244 min
Delta R.T.: -0.010 min
Response: 801312
Conc: 5.88 ug/ml



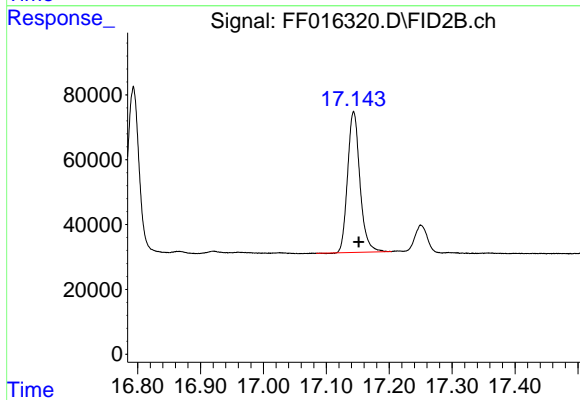
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.762 min
Delta R.T.: -0.009 min
Response: 611557
Conc: 4.69 ug/ml



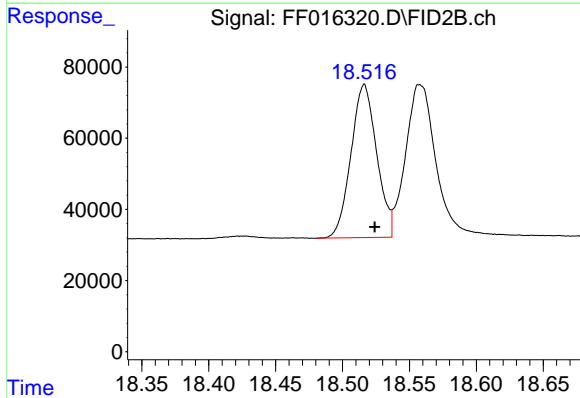
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.793 min
Delta R.T.: -0.010 min
Response: 658141
Conc: 5.26 ug/ml



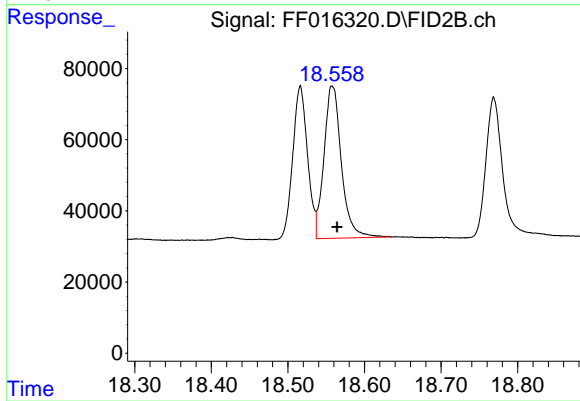
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.143 min
Delta R.T.: -0.008 min
Response: 591557
Conc: 4.63 ug/ml



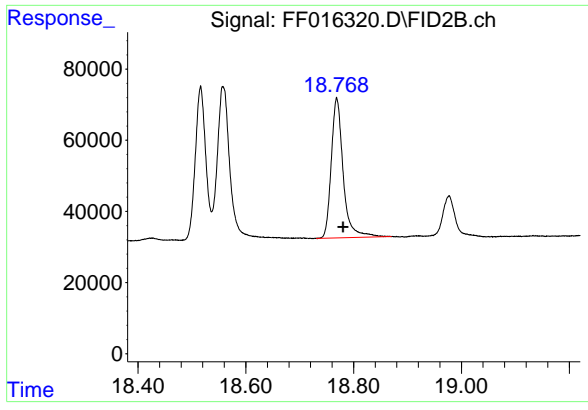
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.008 min
Response: 575302
Conc: 5.04 ug/ml



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

R.T.: 18.558 min
Delta R.T.: -0.006 min
Response: 677438
Conc: 5.40 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.012 min
Response: 602797
Conc: 4.89 ug/ml