Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071522AR\
Data File : FD043256.D
Signal(s) : FID2B.ch
Acq On : 15 Jul 2022 11:20
Operator : YP/AJ
Sample : N3214-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 15 23:53:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:47:50 2022
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... | 7.622 | 7121658 | 46.122 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 92.24% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.485 | 4708762 | 44.644 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 89.29% |
| 11) S | ortho-Terphenyl (SURR) | 11.531 | 7657135 | 42.130 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 84.26% |
| | **Target Compounds** | | | |
| 1) T | 1,2,3-Trimethylbenzen... | 4.414 | 660218 | 3.931 ug/ml |
| 2) T | Naphthalene (C11.7) | 5.955 | 732692 | 4.185 ug/ml |
| 3) T | 2-Methylnaphthalene (... | 7.009 | 740345 | 4.603 ug/ml |
| 5) T | Acenaphthylene (C15.06) | 8.285 | 731115 | 4.113 ug/ml |
| 7) T | Acenaphthene (C15.5) | 8.581 | 803156 | 4.587 ug/ml |
| 8) T | Flouorene (C16.55) | 9.364 | 723045 | 4.171 ug/ml |
| 9) T | Phenanthrene (C19.36) | 10.760 | 720194 | 4.199 ug/ml |
| 10) T | Anthracene (C19.43) | 10.835 | 728717 | 4.289 ug/ml |
| 12) T | Fluoranthene (C21.85) | 12.571 | 766910 | 4.573 ug/ml |
| 13) T | Pyrene (C20.8) | 12.867 | 737087 | 4.523 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 14.780 | 897631 | 5.780 ug/ml |
| 15) T | Chrysene (C27.41) | 14.780 | 897631 | 5.687 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.318 | 746789 | 4.899 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.318 | 746789 | 5.102 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 16.669 | 627152 | 4.385 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 18.073 | 1120091 | 8.951 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 18.073 | 1120091 | 8.332 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.282 | 766441 | 5.876 ug/ml |

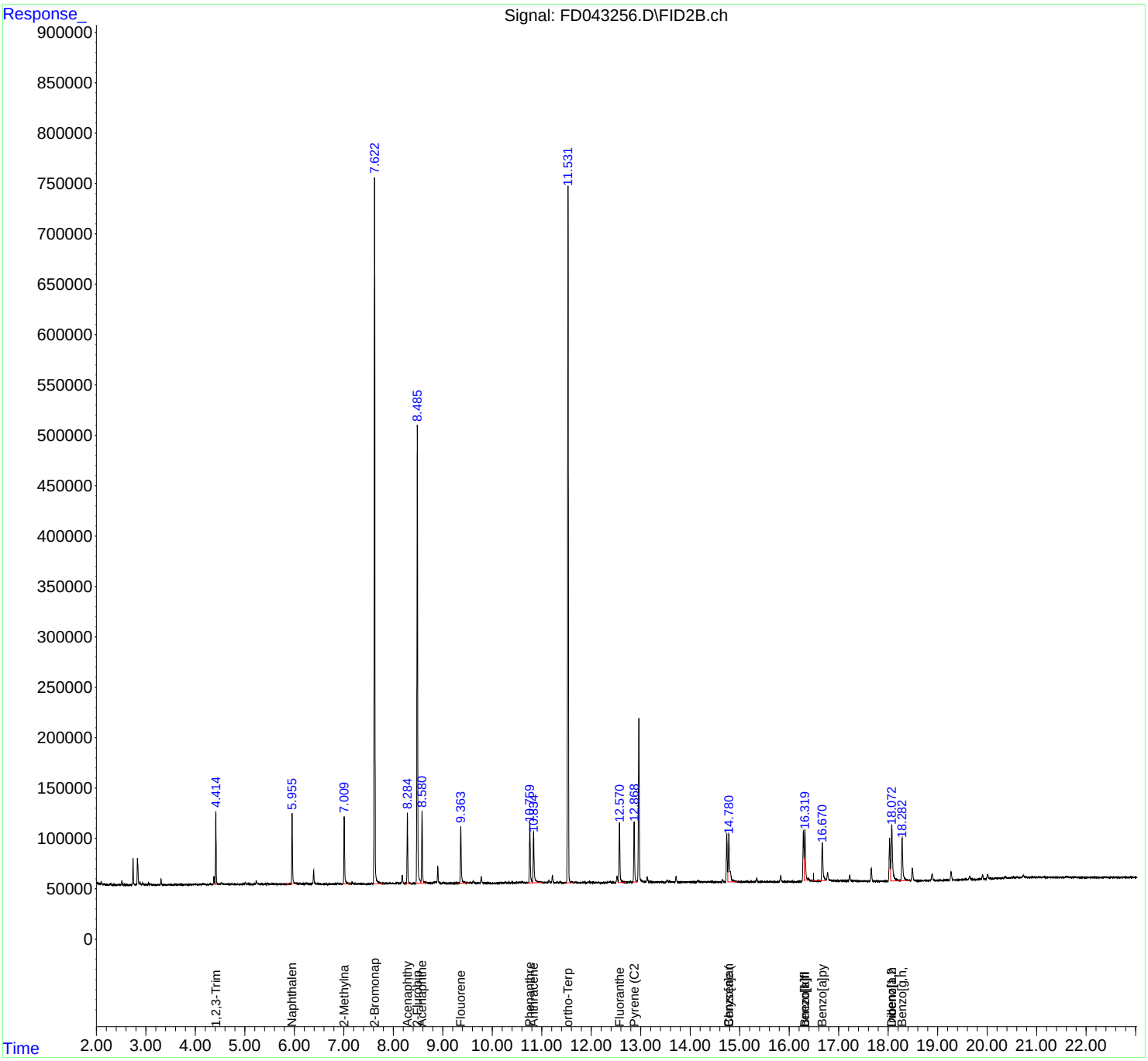
(f)=RT Delta > 1/2 Window (m)=manual int.

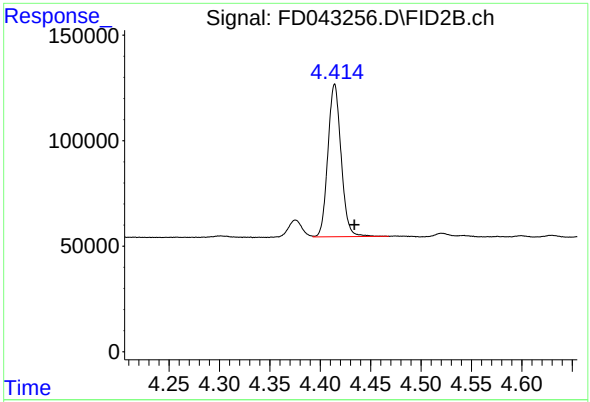
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071522AR\
Data File : FD043256.D
Signal(s) : FID2B.ch
Acq On : 15 Jul 2022 11:20
Operator : YP/AJ
Sample : N3214-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 15 23:53:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:47:50 2022
Response via : Initial Calibration
Integrator: ChemStation

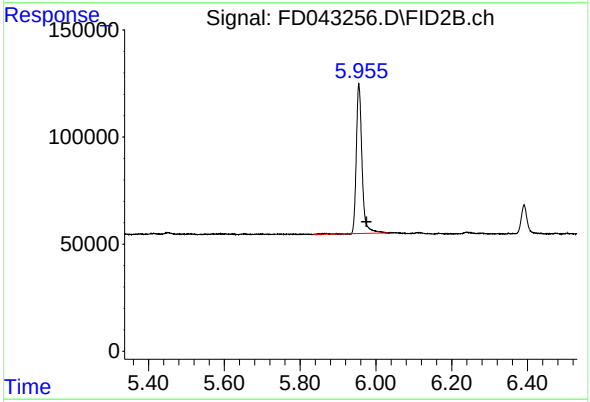
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





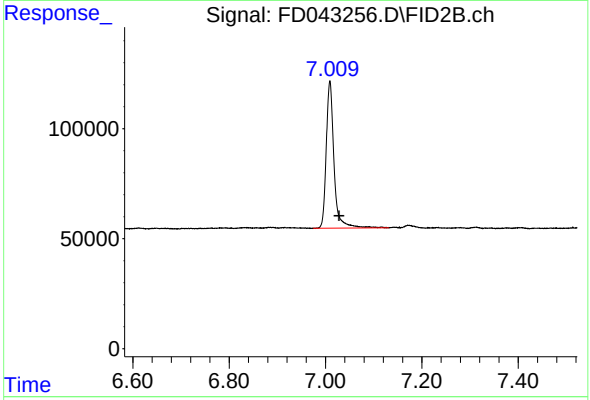

#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.020 min
Response: 660218
Conc: 3.93 ug/ml



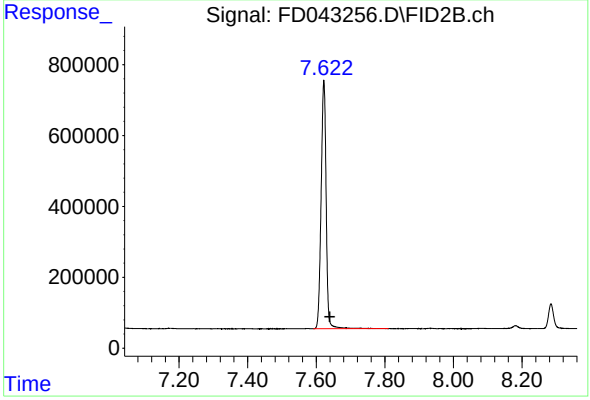

#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 732692
Conc: 4.19 ug/ml



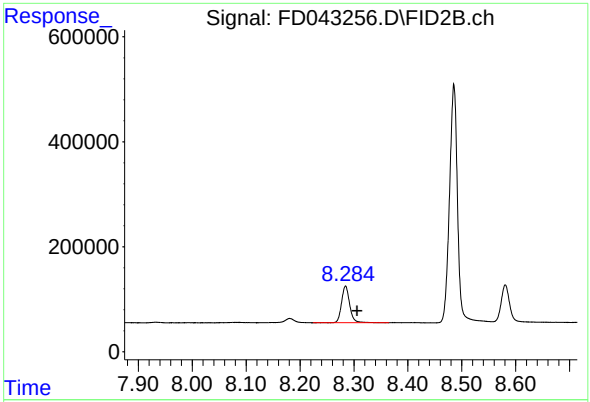

#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 740345
Conc: 4.60 ug/ml



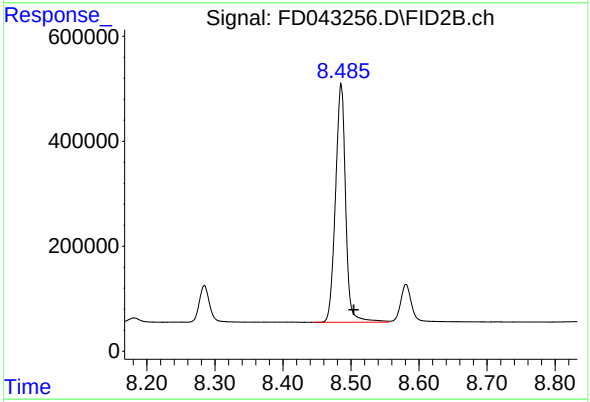

#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.017 min
Response: 7121658
Conc: 46.12 ug/ml



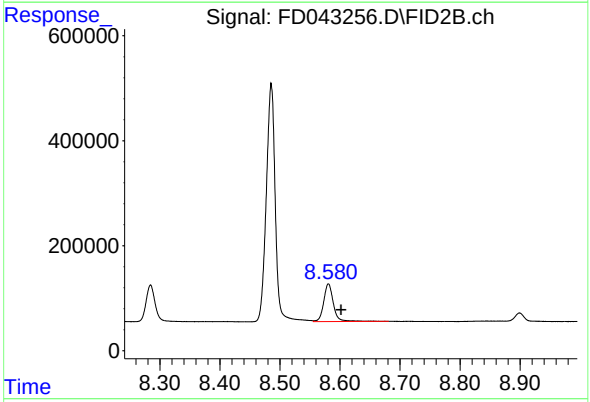

#5 Acenaphthylene (C15.06)

R.T.: 8.285 min
Delta R.T.: -0.021 min
Response: 731115
Conc: 4.11 ug/ml



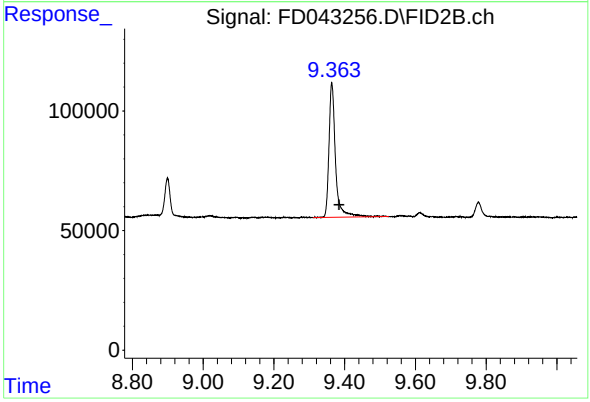

#6 2-Flurobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 4708762
Conc: 44.64 ug/ml



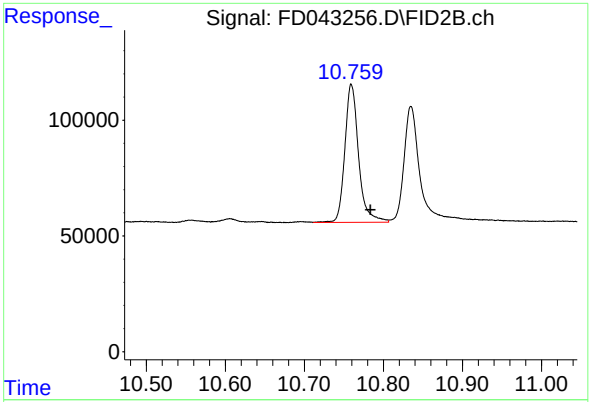

#7 Acenaphthene (C15.5)

R.T.: 8.581 min
Delta R.T.: -0.021 min
Response: 803156
Conc: 4.59 ug/ml



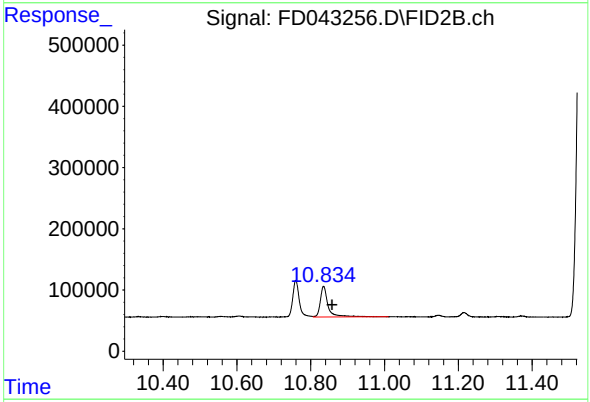

#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.021 min
Response: 723045
Conc: 4.17 ug/ml



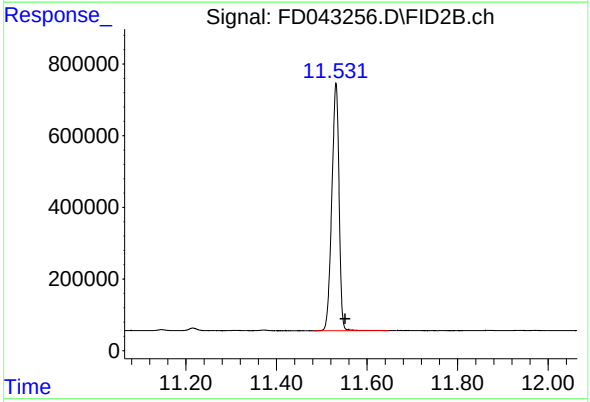

#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.024 min
Response: 720194
Conc: 4.20 ug/ml



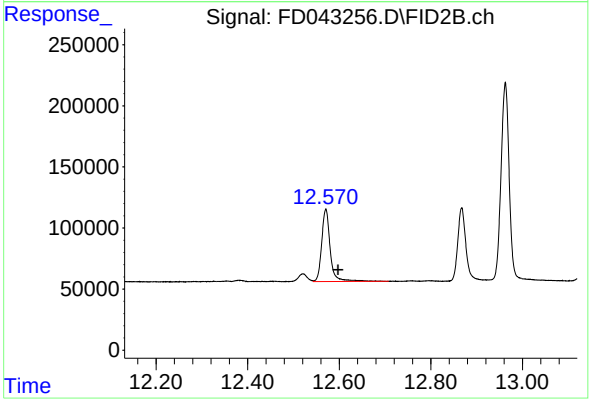

#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: -0.023 min
Response: 728717
Conc: 4.29 ug/ml



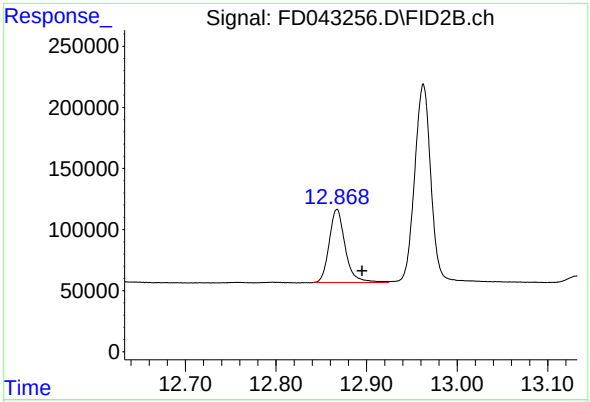

#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.020 min
Response: 7657135
Conc: 42.13 ug/ml



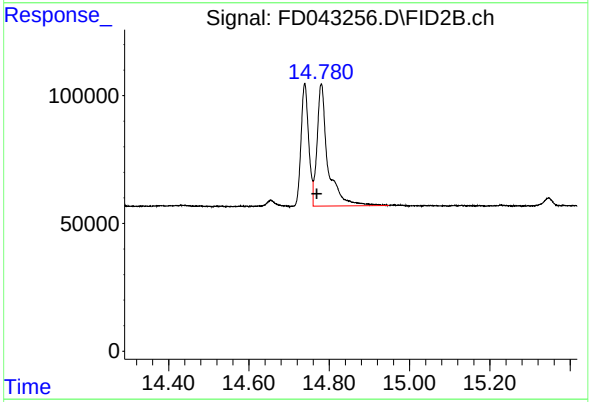

#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: -0.027 min
Response: 766910
Conc: 4.57 ug/ml



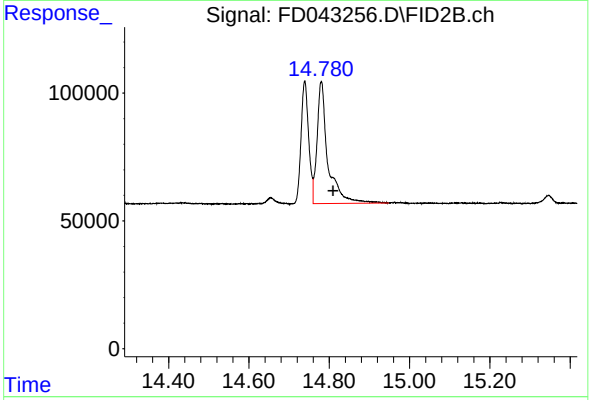

#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: -0.028 min
Response: 737087
Conc: 4.52 ug/ml



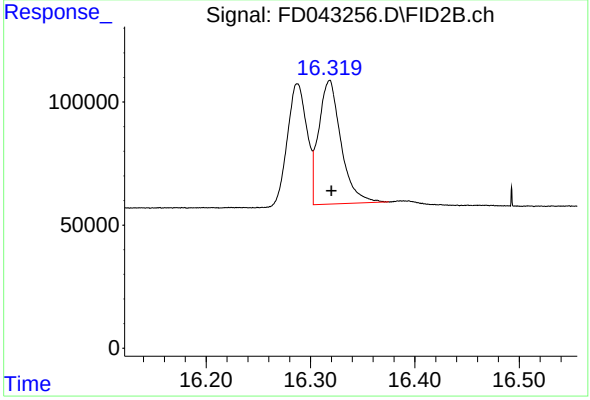

#14 Benzo[a]anthracene (C26.37)

R.T.: 14.780 min
Delta R.T.: 0.012 min
Response: 897631
Conc: 5.78 ug/ml



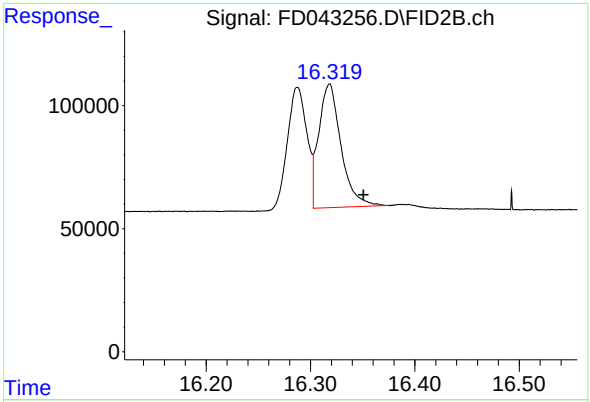

#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: -0.030 min
Response: 897631
Conc: 5.69 ug/ml



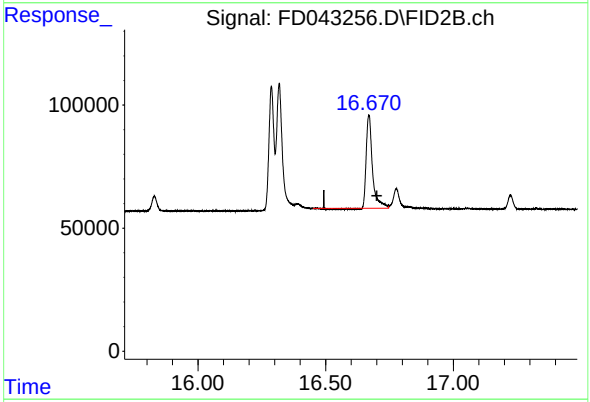

#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.318 min
Delta R.T.: -0.002 min
Response: 746789
Conc: 4.90 ug/ml



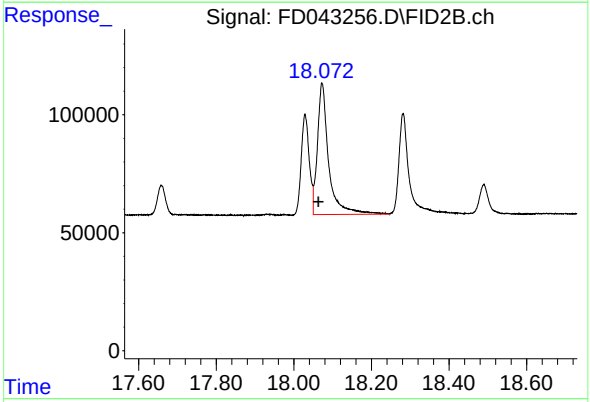

#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.033 min
Response: 746789
Conc: 5.10 ug/ml



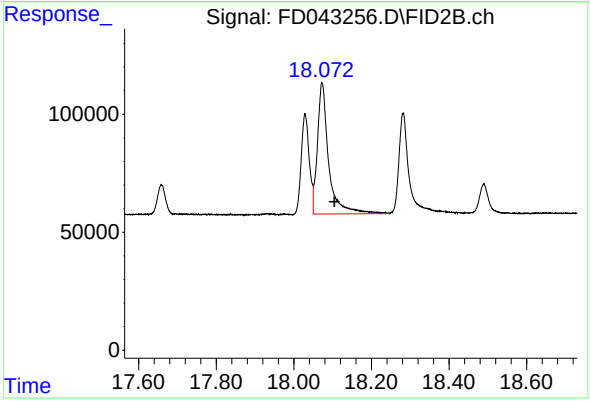

#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.031 min
Response: 627152
Conc: 4.38 ug/ml



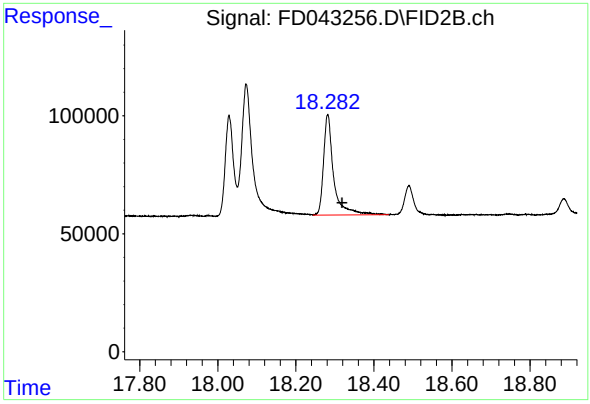

#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.073 min
Delta R.T.: 0.009 min
Response: 1120091
Conc: 8.95 ug/ml




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

R.T.: 18.073 min
Delta R.T.: -0.032 min
Response: 1120091
Conc: 8.33 ug/ml




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

| | |
|---|---|
| R.T.: | 18.282 min |
| Delta R.T.: | -0.036 min |
| Response: | 766441 |
| Conc: | 5.88 ug/ml |