

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011923AR\
 Data File : FD044839.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2023 11:03
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 12:23:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 12:13:39 2023
 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...	7.664	8543434	50.738 ug/ml
Spiked Amount 50.000		Recovery =	101.48%
6) S 2-Fluorobiphenyl (SURR)	8.521	5866238	50.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.45%
11) S ortho-Terphenyl (SURR)	11.551	11058598	50.514 ug/ml
Spiked Amount 50.000		Recovery =	101.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	9077122	50.499 ug/ml
2) T Naphthalene (C11.7)	6.012	9693016	50.685 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	9860538	50.720 ug/ml
5) T Acenaphthylene (C15.06)	8.326	9182313	50.633 ug/ml
7) T Acenaphthene (C15.5)	8.621	9694162	50.767 ug/ml
8) T Flouorene (C16.55)	9.397	9673801	50.734 ug/ml
9) T Phenanthrene (C19.36)	10.787	9733646	50.855 ug/ml
10) T Anthracene (C19.43)	10.861	9301928	50.865 ug/ml
12) T Fluoranthene (C21.85)	12.590	9730550	50.929 ug/ml
13) T Pyrene (C20.8)	12.885	9538504	50.991 ug/ml
14) T Benzo[a]anthracene (C...	14.747	8766746	51.200 ug/ml
15) T Chrysene (C27.41)	14.792	9090942	51.110 ug/ml
16) T benzo[b]fluoranthene ...	16.288	8741348	50.837 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	8548959	50.641 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	8432671	50.905 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	8062290	50.056 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	7838309	50.779 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	8001238	50.807 ug/ml

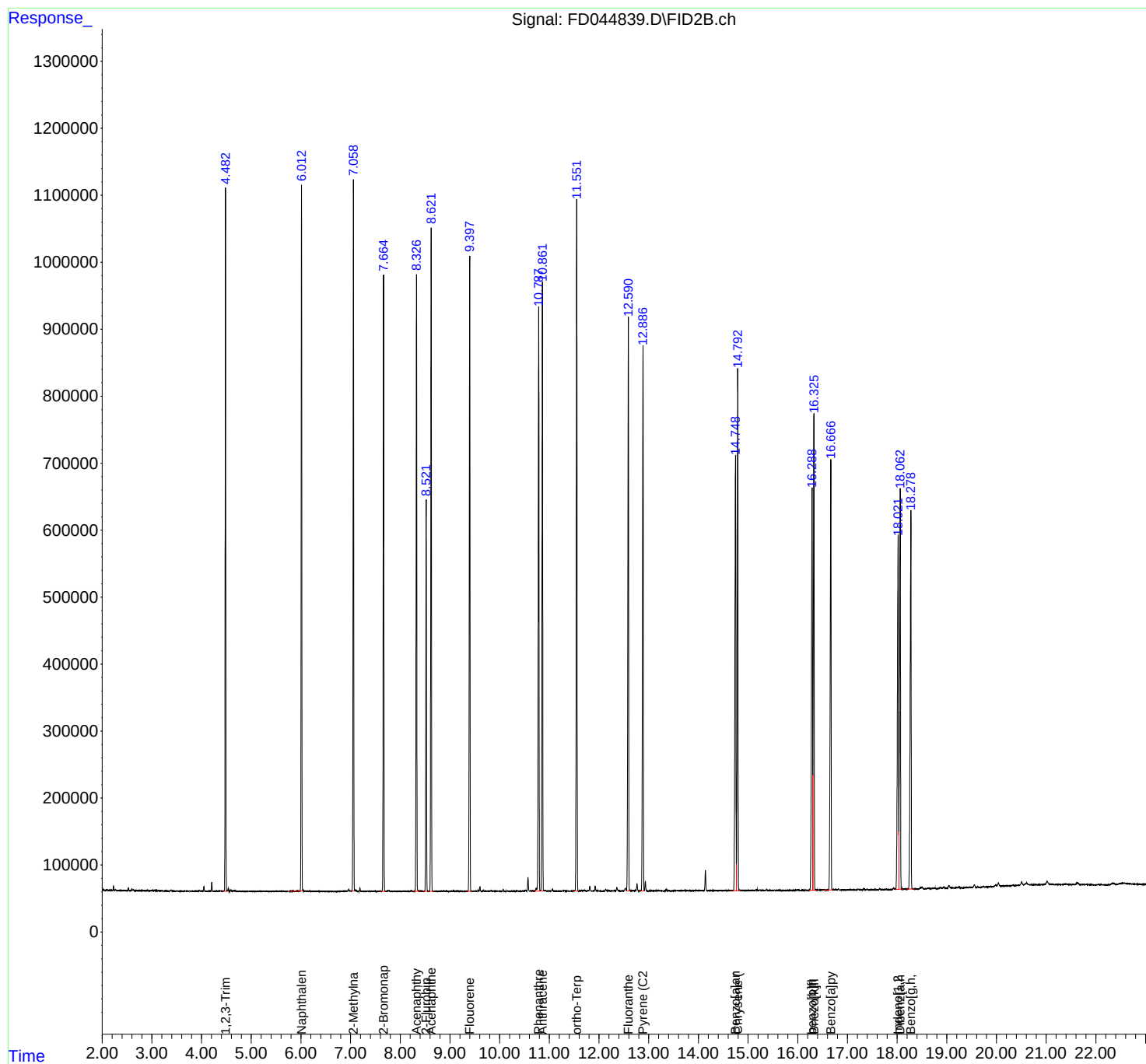
(f)=RT Delta > 1/2 Window

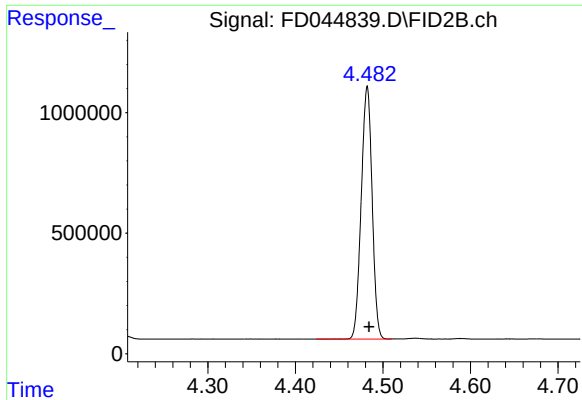
(m)=manual int.

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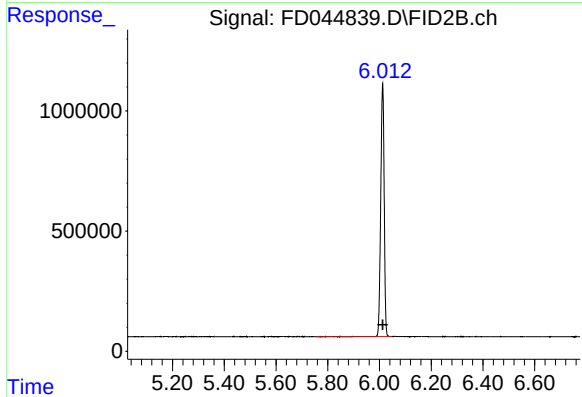
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Signal Info : 20M x 0.18mm x 0.18µm





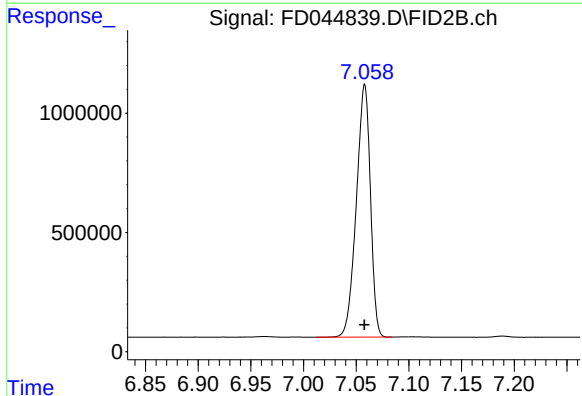
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: -0.002 min
Response: 9077122
Conc: 50.50 ug/ml



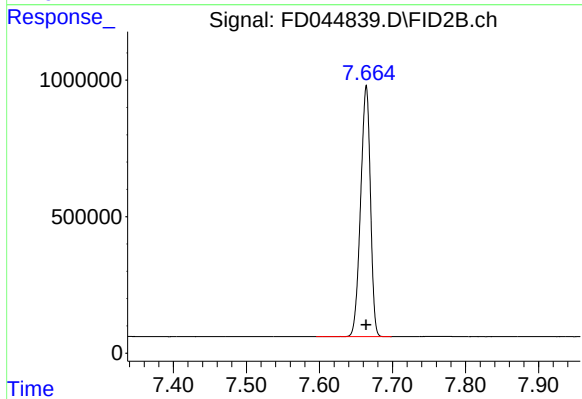
#2 Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 9693016
Conc: 50.68 ug/ml



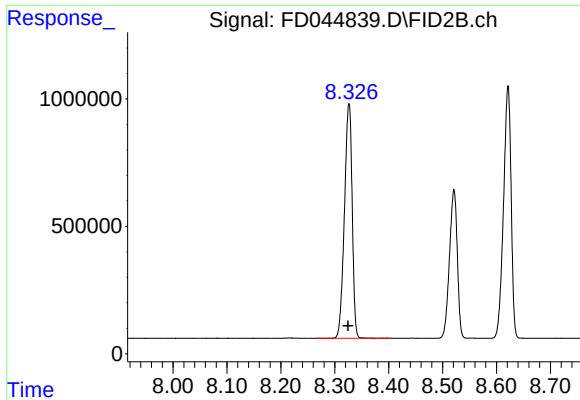
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 9860538
Conc: 50.72 ug/ml



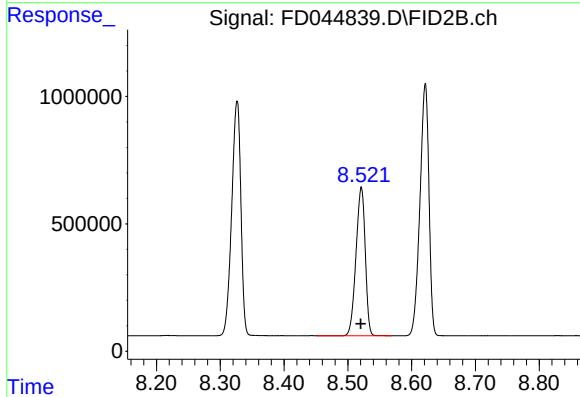
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 8543434
Conc: 50.74 ug/ml



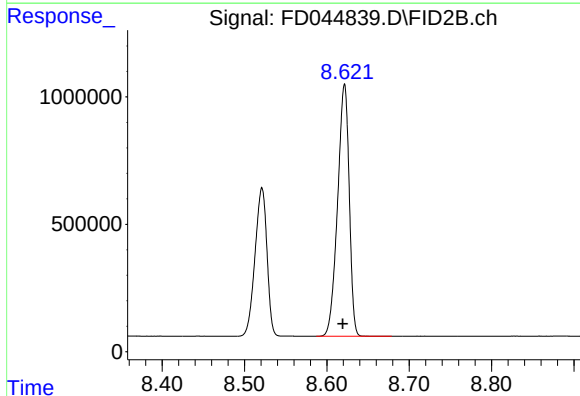
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: 0.001 min
Response: 9182313
Conc: 50.63 ug/ml



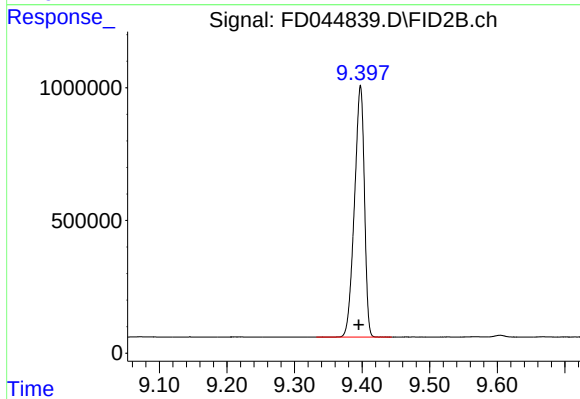
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.000 min
Response: 5866238
Conc: 50.73 ug/ml



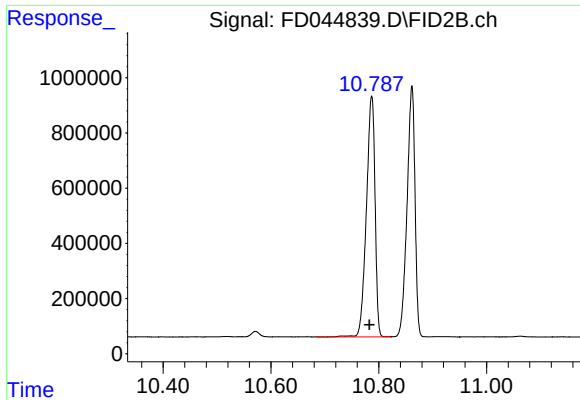
#7 Acenaphthene (C15.5)

R.T.: 8.621 min
Delta R.T.: 0.002 min
Response: 9694162
Conc: 50.77 ug/ml



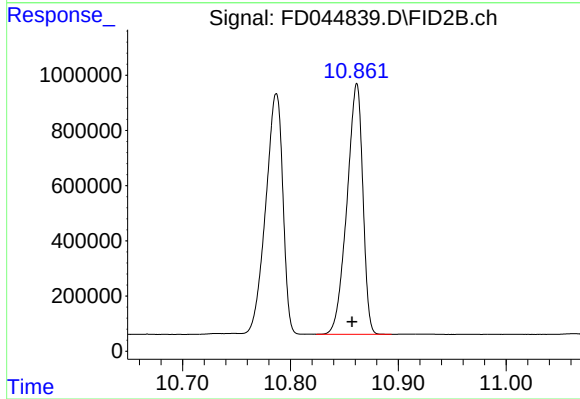
#8 Fluorene (C16.55)

R.T.: 9.397 min
Delta R.T.: 0.002 min
Response: 9673801
Conc: 50.73 ug/ml



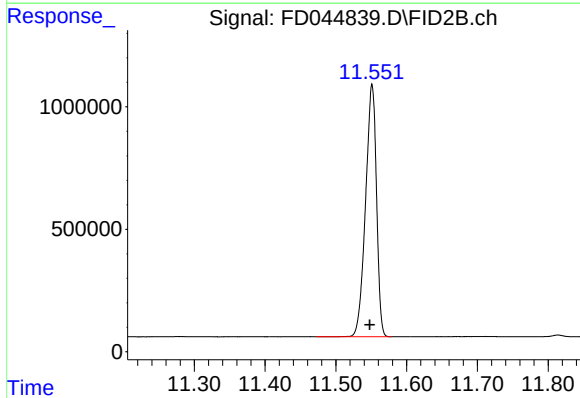
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.004 min
Response: 9733646
Conc: 50.85 ug/ml



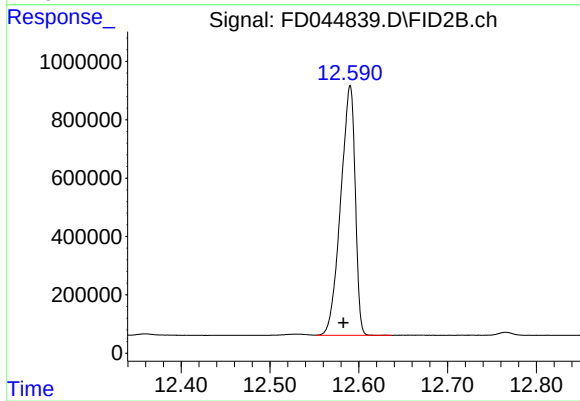
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.004 min
Response: 9301928
Conc: 50.87 ug/ml



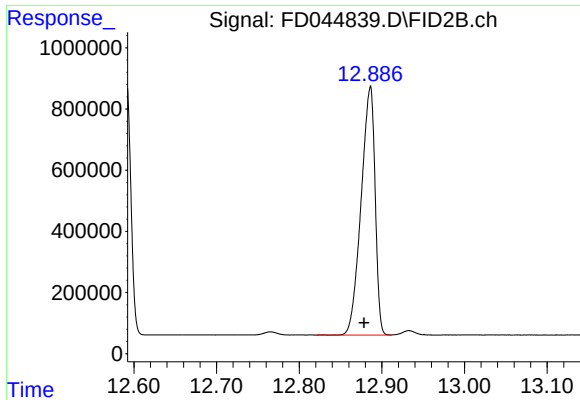
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.003 min
Response: 11058598
Conc: 50.51 ug/ml



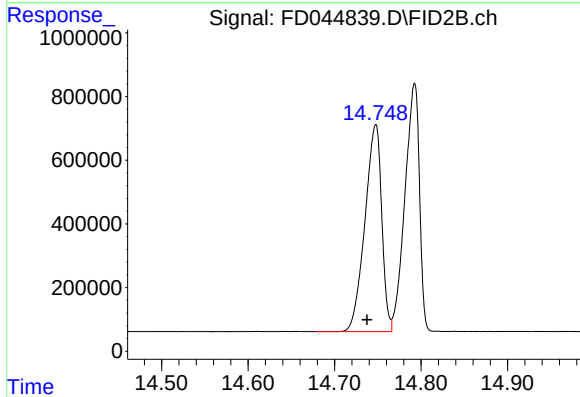
#12 Fluoranthene (C21.85)

R.T.: 12.590 min
Delta R.T.: 0.007 min
Response: 9730550
Conc: 50.93 ug/ml



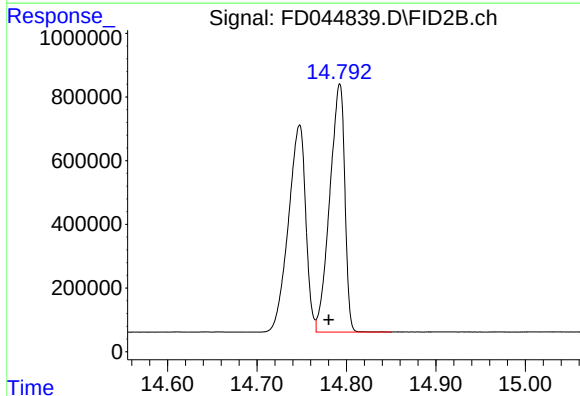
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: 0.007 min
Response: 9538504
Conc: 50.99 ug/ml



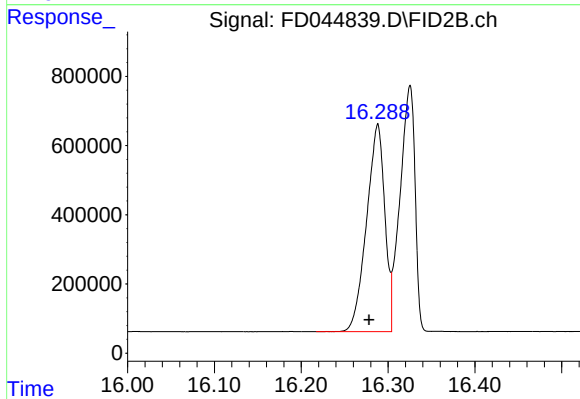
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.010 min
Response: 8766746
Conc: 51.20 ug/ml



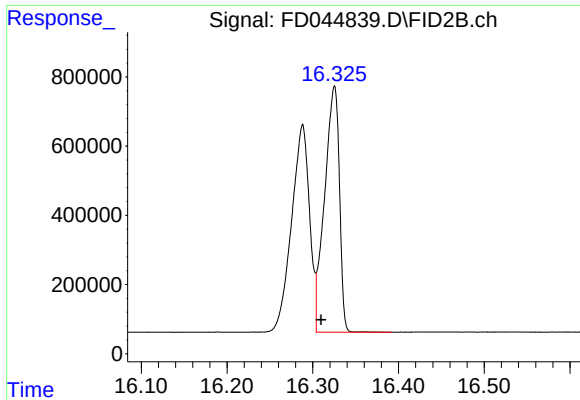
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: 0.012 min
Response: 9090942
Conc: 51.11 ug/ml



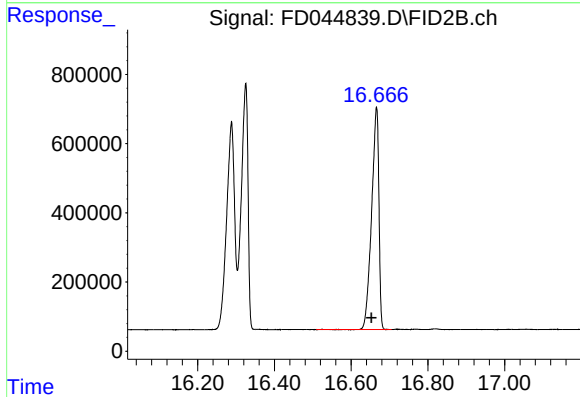
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: 0.010 min
Response: 8741348
Conc: 50.84 ug/ml



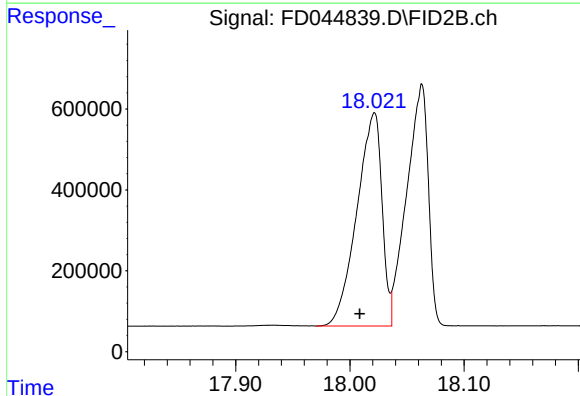
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: 0.015 min
Response: 8548959
Conc: 50.64 ug/ml



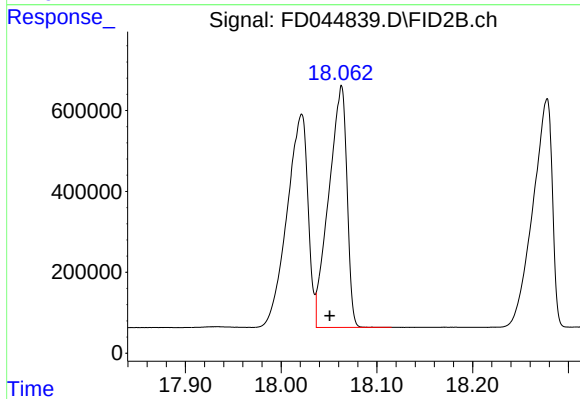
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: 0.012 min
Response: 8432671
Conc: 50.91 ug/ml



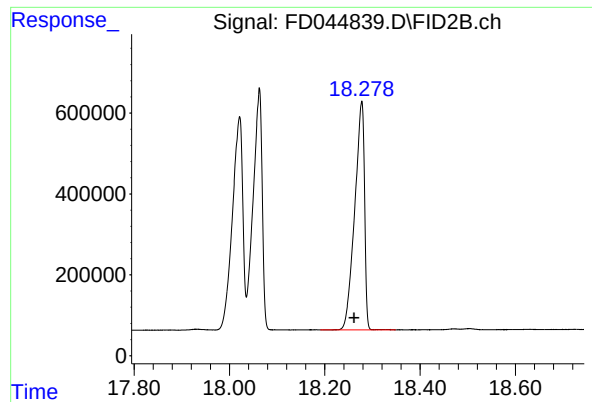
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: 0.012 min
Response: 8062290
Conc: 50.06 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.011 min
Response: 7838309
Conc: 50.78 ug/ml



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

R.T.: 18.277 min
Delta R.T.: 0.015 min
Response: 8001238
Conc: 50.81 ug/ml