

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062422AR\
 Data File : FD043039.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2022 00:25
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 25 04:37:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:36:55 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...	7.645	7565579	48.932 ug/ml
Spiked Amount 50.000		Recovery =	97.86%
6) S 2-Fluorobiphenyl (SURR)	8.510	5144796	49.322 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.64%
11) S ortho-Terphenyl (SURR)	11.558	8693391	48.662 ug/ml
Spiked Amount 50.000		Recovery =	97.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	8137372	49.126 ug/ml
2) T Naphthalene (C11.7)	5.980	8528237	49.315 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	7841040	49.389 ug/ml
5) T Acenaphthylene (C15.06)	8.314	8511124	48.780 ug/ml
7) T Acenaphthene (C15.5)	8.611	8431085	48.788 ug/ml
8) T Flouorene (C16.55)	9.393	8395934	49.078 ug/ml
9) T Phenanthrene (C19.36)	10.792	8294586	48.928 ug/ml
10) T Anthracene (C19.43)	10.868	7966521	47.338 ug/ml
12) T Fluoranthene (C21.85)	12.608	8110924	48.977 ug/ml
13) T Pyrene (C20.8)	12.906	7971874	49.546 ug/ml
14) T Benzo[a]anthracene (C...	14.780	7568387	48.973 ug/ml
15) T Chrysene (C27.41)	14.825	7476052	48.221 ug/ml
16) T benzo[b]fluoranthene ...	16.334	7384988	48.765 ug/ml
17) T Bnezo[k]fluoranthene ...	16.369	6932017	48.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	6876672	48.635 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.079	6117063	49.633 ug/ml
20) T Dibenz[a,h]anthracene...	18.120	6296744	47.085 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	6245297	48.447 ug/ml

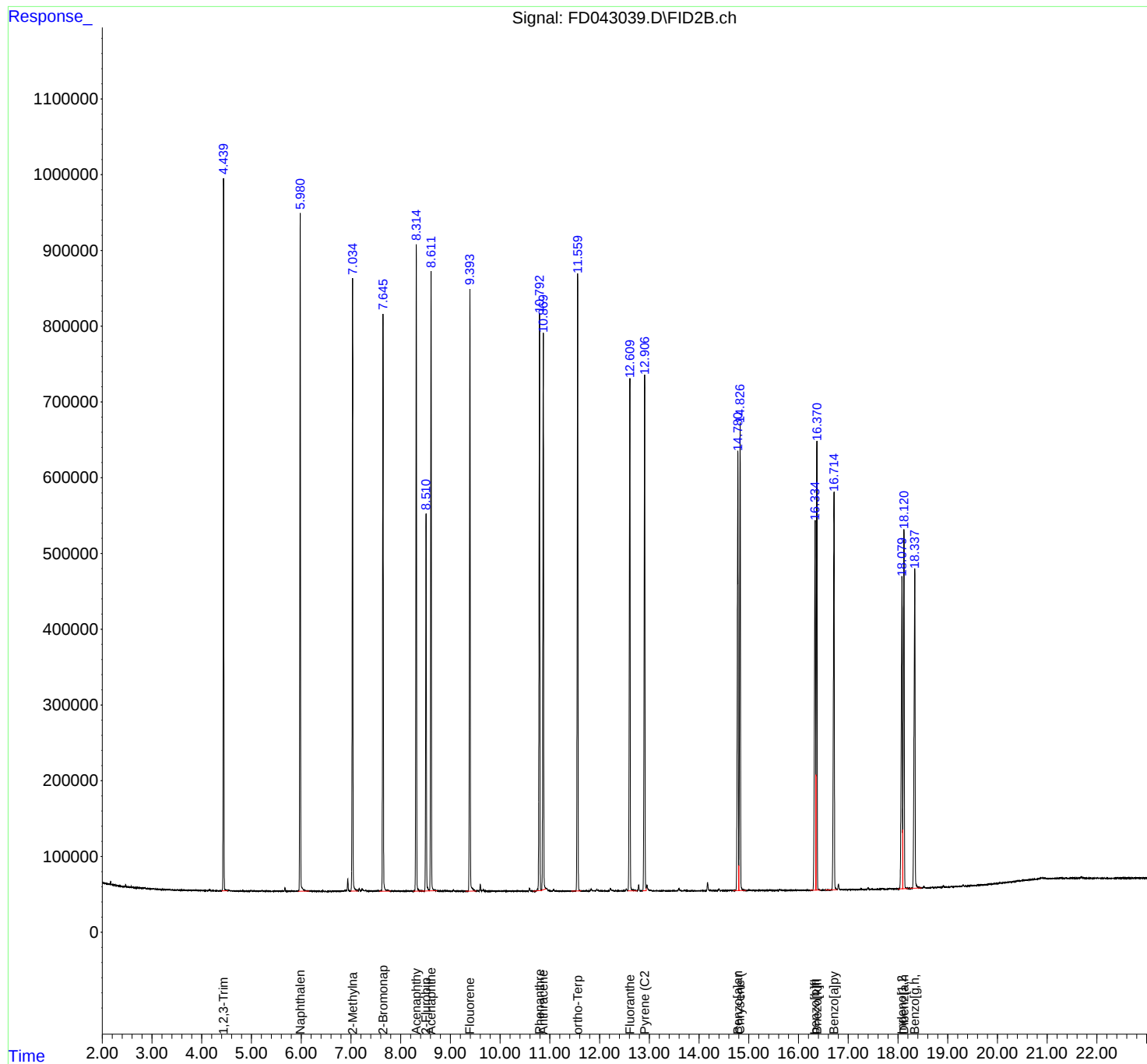
(f)=RT Delta > 1/2 Window

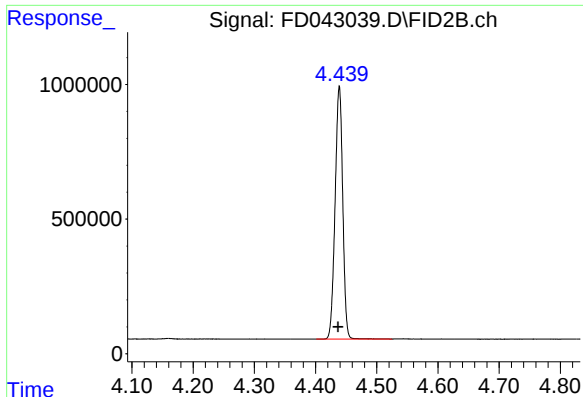
(m)=manual int.

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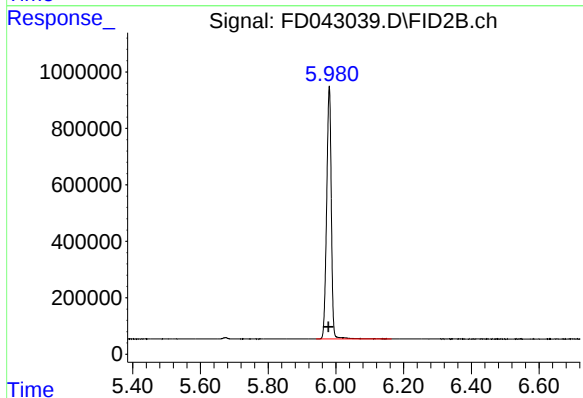
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Signal Info : 20M x 0.18mm x 0.18µm





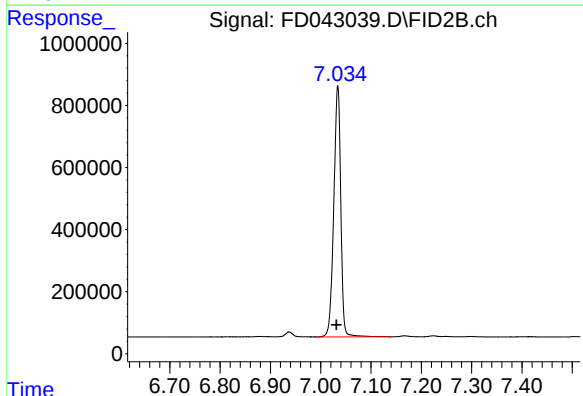
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 8137372
Conc: 49.13 ug/ml



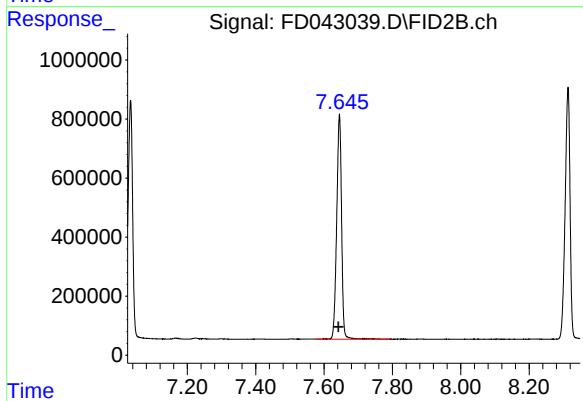
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 8528237
Conc: 49.32 ug/ml



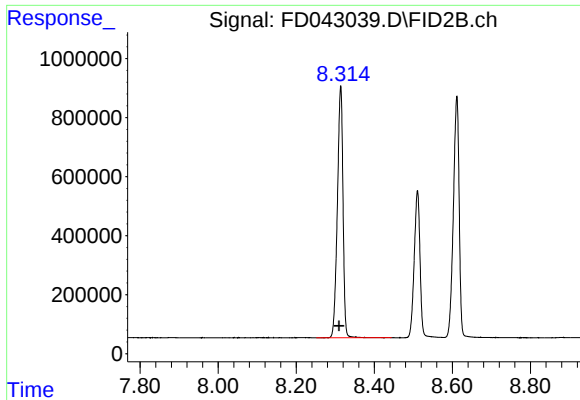
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: 0.002 min
Response: 7841040
Conc: 49.39 ug/ml



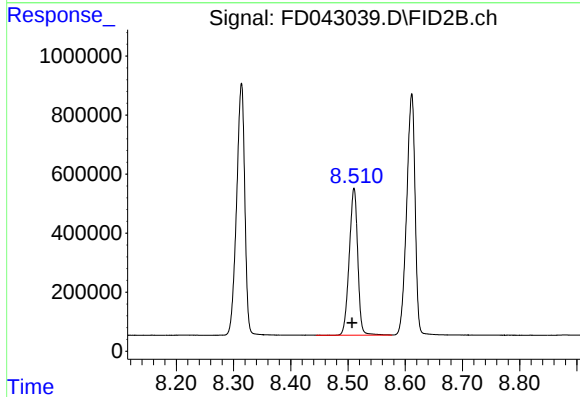
#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 7565579
Conc: 48.93 ug/ml



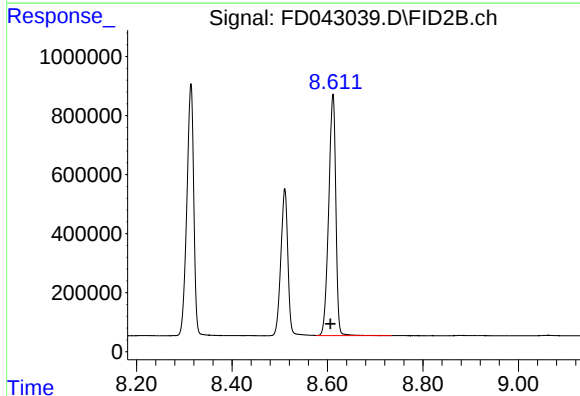
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min
Delta R.T.: 0.004 min
Response: 8511124
Conc: 48.78 ug/ml



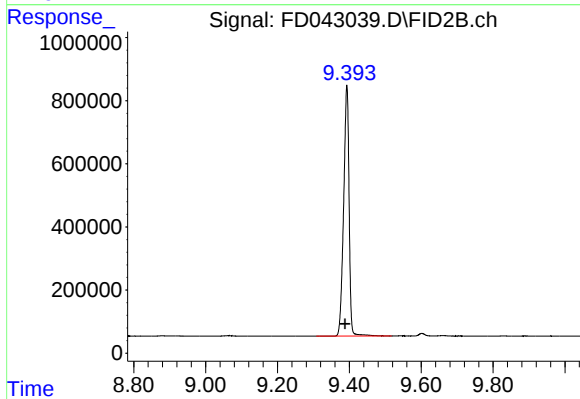
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: 0.004 min
Response: 5144796
Conc: 49.32 ug/ml



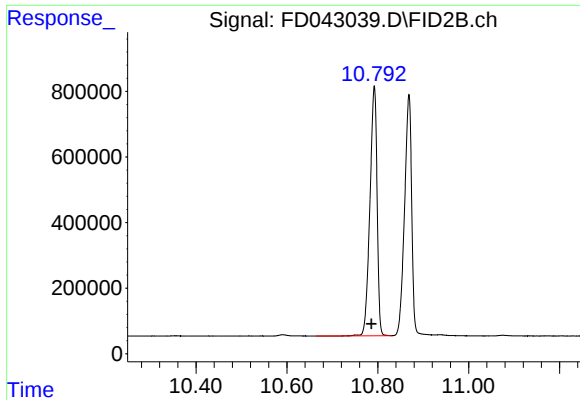
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: 0.005 min
Response: 8431085
Conc: 48.79 ug/ml



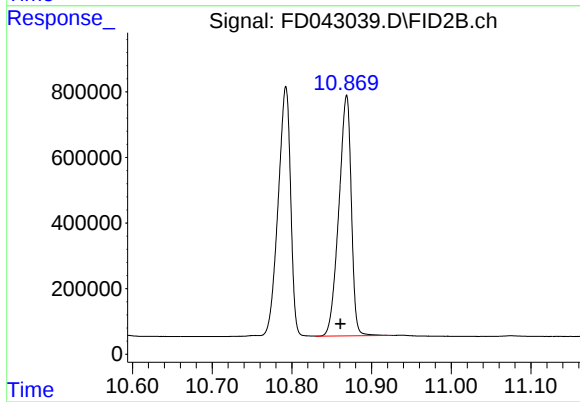
#8 Fluorene (C16.55)

R.T.: 9.393 min
Delta R.T.: 0.005 min
Response: 8395934
Conc: 49.08 ug/ml



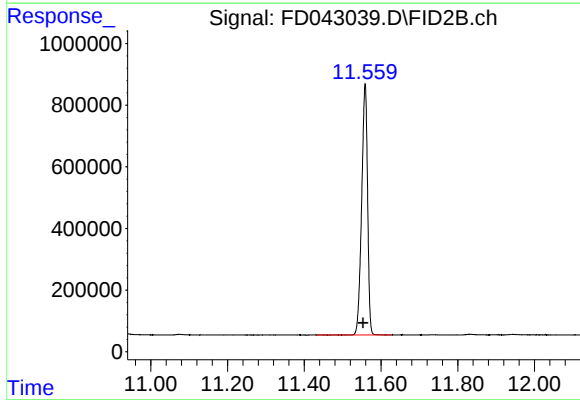
#9 Phenanthrene (C19.36)

R.T.: 10.792 min
Delta R.T.: 0.006 min
Response: 8294586
Conc: 48.93 ug/ml



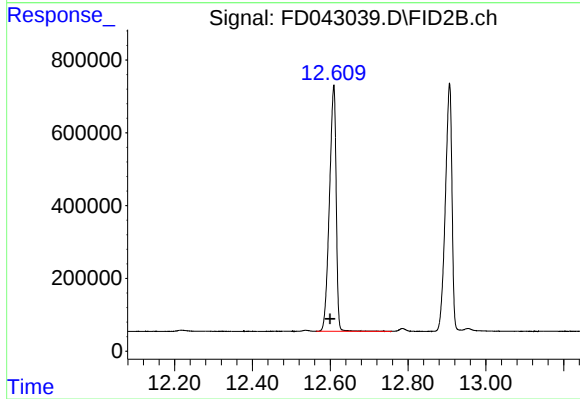
#10 Anthracene (C19.43)

R.T.: 10.868 min
Delta R.T.: 0.007 min
Response: 7966521
Conc: 47.34 ug/ml



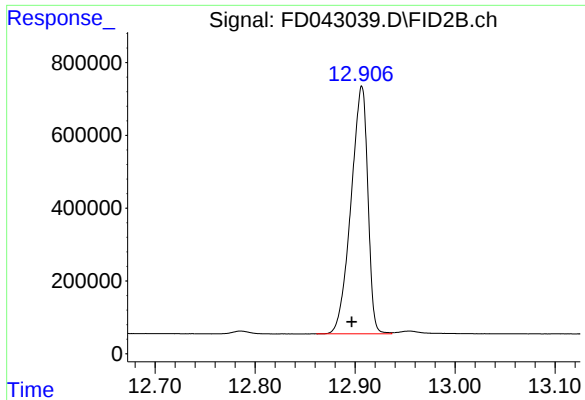
#11 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: 0.005 min
Response: 8693391
Conc: 48.66 ug/ml



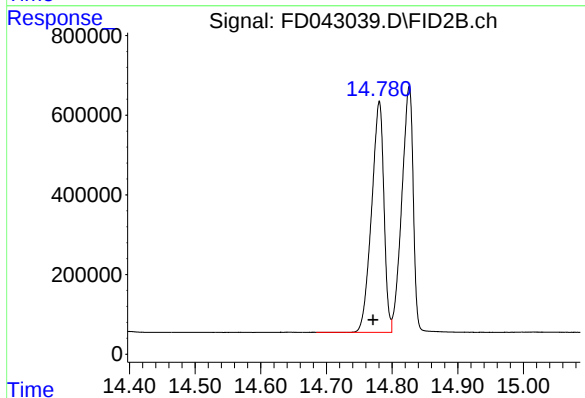
#12 Fluoranthene (C21.85)

R.T.: 12.608 min
Delta R.T.: 0.008 min
Response: 8110924
Conc: 48.98 ug/ml



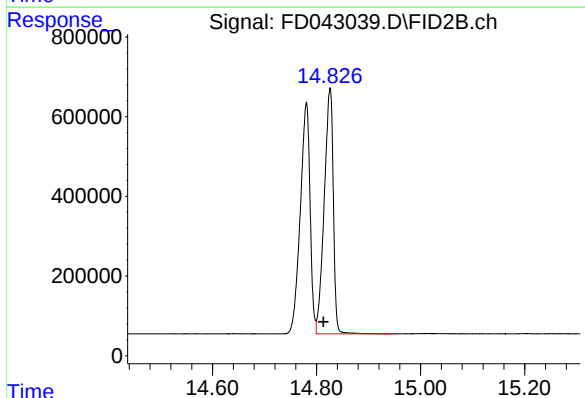
#13 Pyrene (C20.8)

R.T.: 12.906 min
Delta R.T.: 0.009 min
Response: 7971874
Conc: 49.55 ug/ml



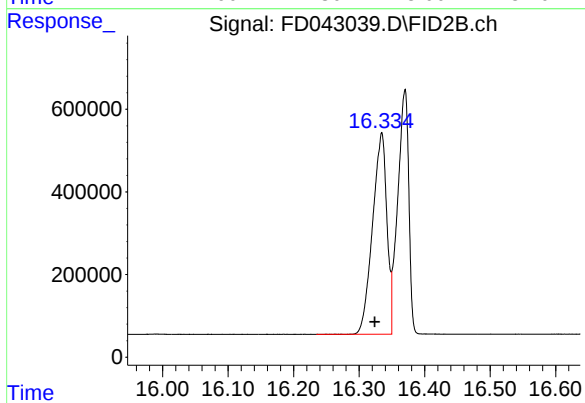
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.780 min
Delta R.T.: 0.009 min
Response: 7568387
Conc: 48.97 ug/ml



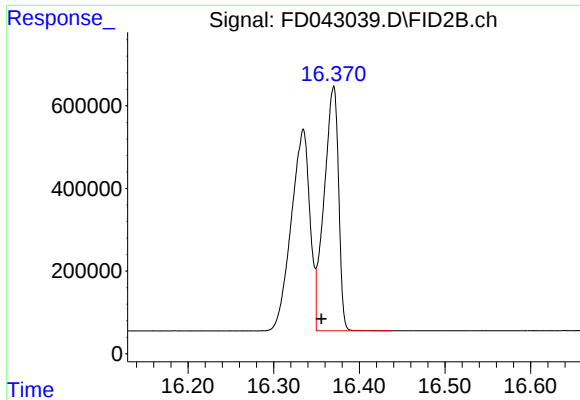
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: 0.012 min
Response: 7476052
Conc: 48.22 ug/ml



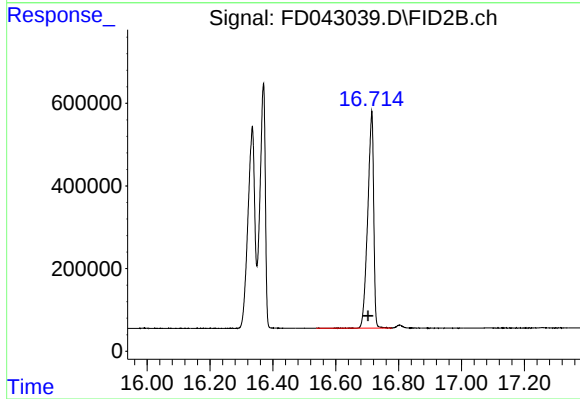
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.334 min
Delta R.T.: 0.010 min
Response: 7384988
Conc: 48.77 ug/ml



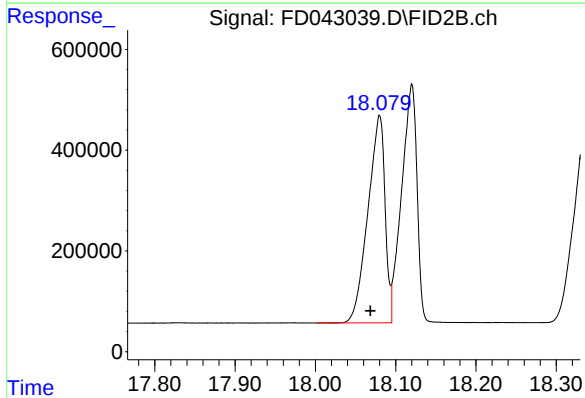
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.369 min
Delta R.T.: 0.014 min
Response: 6932017
Conc: 48.04 ug/ml



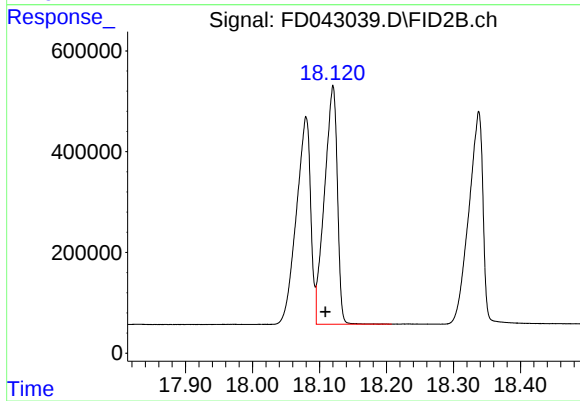
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: 0.011 min
Response: 6876672
Conc: 48.64 ug/ml



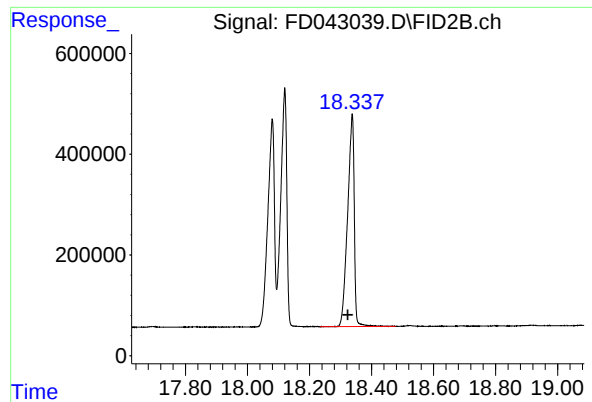
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.079 min
Delta R.T.: 0.011 min
Response: 6117063
Conc: 49.63 ug/ml



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

R.T.: 18.120 min
Delta R.T.: 0.011 min
Response: 6296744
Conc: 47.08 ug/ml



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

R.T.: 18.337 min
Delta R.T.: 0.014 min
Response: 6245297
Conc: 48.45 ug/ml