

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045008.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 21:06
 Operator : YP/AJ
 Sample : 01504-04MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:24:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	6635262	45.242 ug/ml
Spiked Amount 50.000		Recovery =	90.48%
6) S 2-Fluorobiphenyl (SURR)	8.414	4417851	44.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.52%
11) S ortho-Terphenyl (SURR)	11.454	6056486	32.586 ug/ml
Spiked Amount 50.000		Recovery =	65.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	5035038	31.542 ug/ml
2) T Naphthalene (C11.7)	5.896	5732136	33.831 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5786206	33.727 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6445675	41.018 ug/ml
7) T Acenaphthene (C15.5)	8.514	6577056	39.557 ug/ml
8) T Flouorene (C16.55)	9.293	6682938	40.716 ug/ml
9) T Phenanthrene (C19.36)	10.685	6735982	41.662 ug/ml
10) T Anthracene (C19.43)	10.760	6636371	44.766 ug/ml
12) T Fluoranthene (C21.85)	12.491	6766994	42.282 ug/ml
13) T Pyrene (C20.8)	12.787	6601450	42.070 ug/ml
14) T Benzo[a]anthracene (C...	14.652	6104910	42.774 ug/ml
15) T Chrysene (C27.41)	14.696	6074122	41.024 ug/ml
16) T benzo[b]fluoranthene ...	16.197	5977849	41.207 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	5662726	39.718 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	5244976	37.534 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	5481798	40.735 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	5415807	40.868 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	5370863	39.501 ug/ml

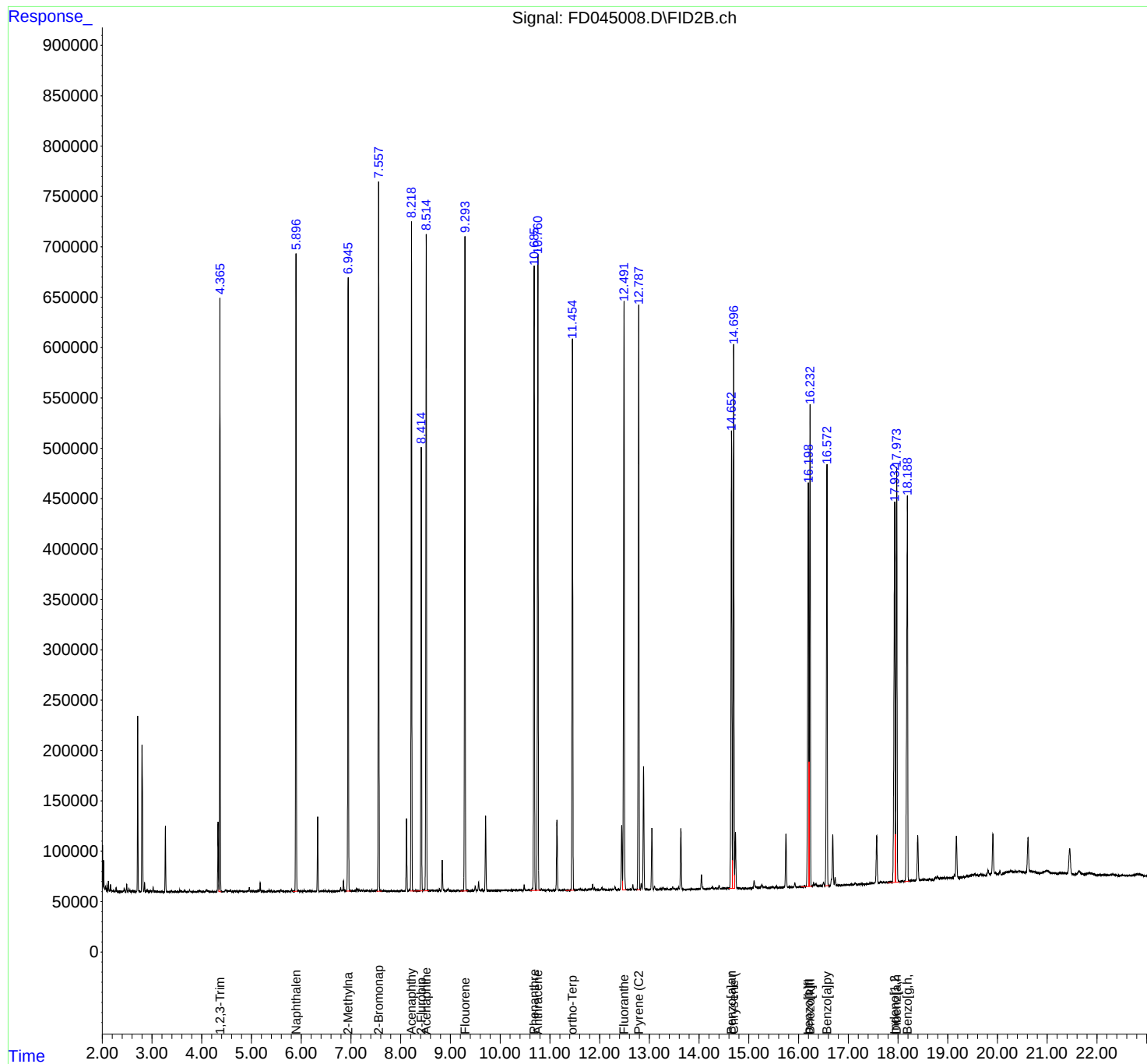
(f)=RT Delta > 1/2 Window

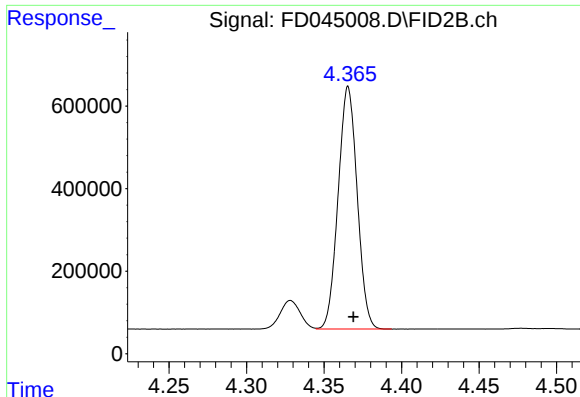
(m)=manual int.

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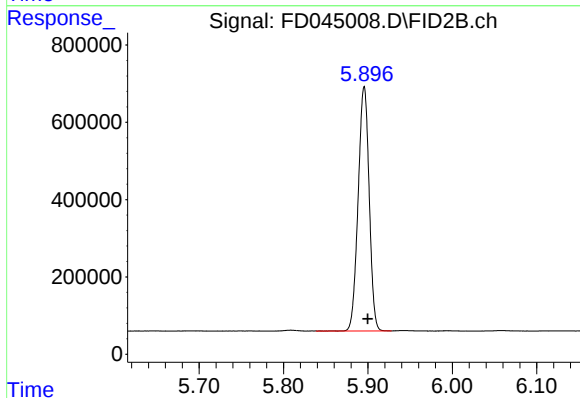
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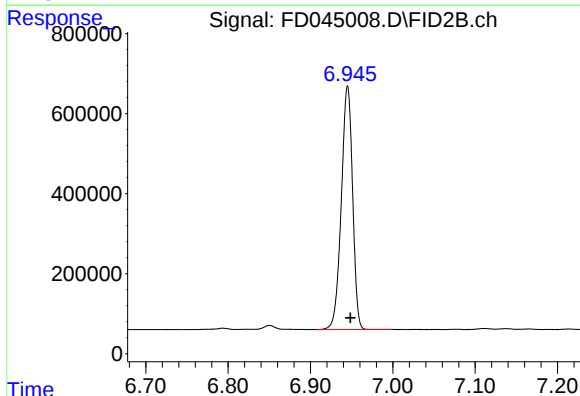
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 5035038
Conc: 31.54 ug/ml



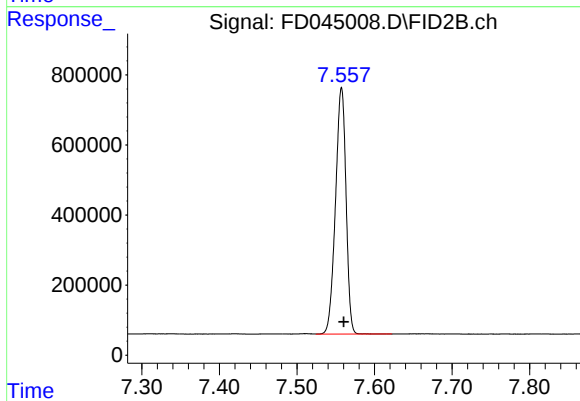
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5732136
Conc: 33.83 ug/ml



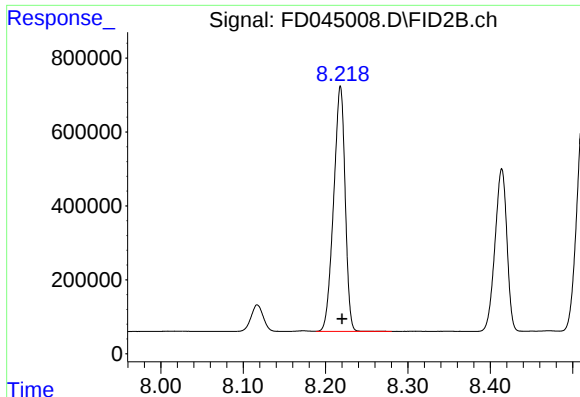
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 5786206
Conc: 33.73 ug/ml



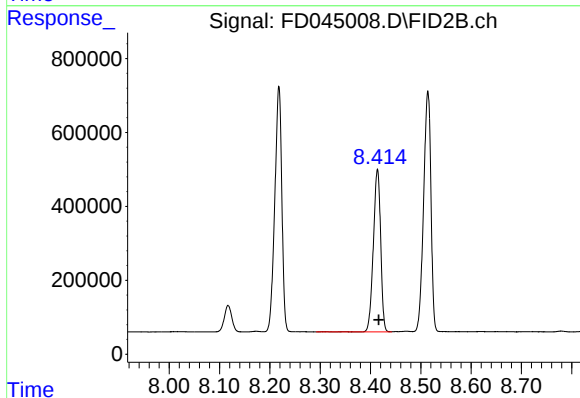
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6635262
Conc: 45.24 ug/ml



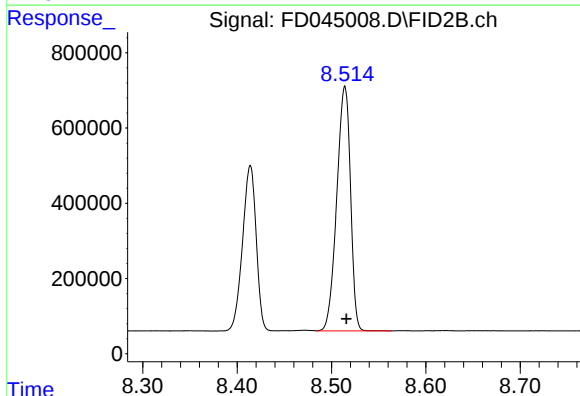
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 6445675
Conc: 41.02 ug/ml



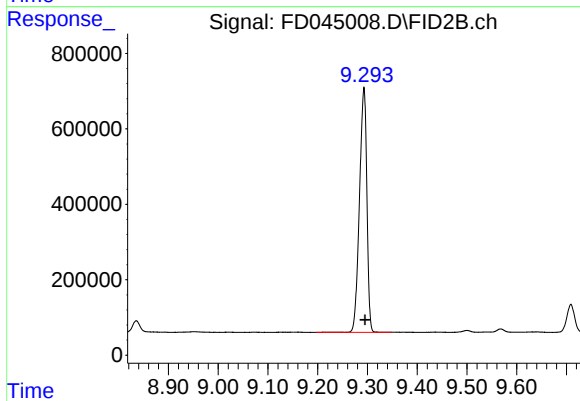
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4417851
Conc: 44.26 ug/ml



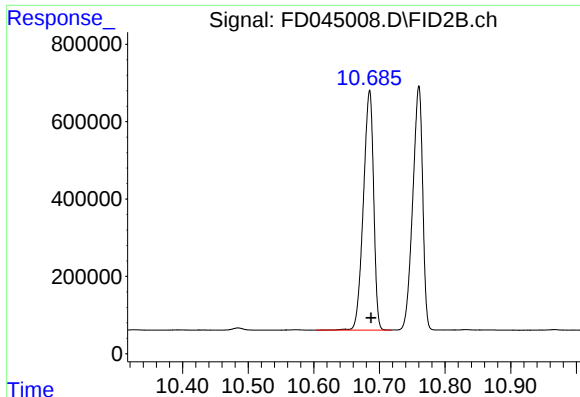
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 6577056
Conc: 39.56 ug/ml



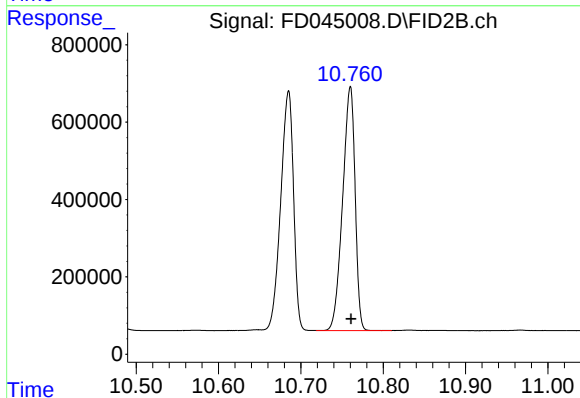
#8 Fluorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.003 min
Response: 6682938
Conc: 40.72 ug/ml



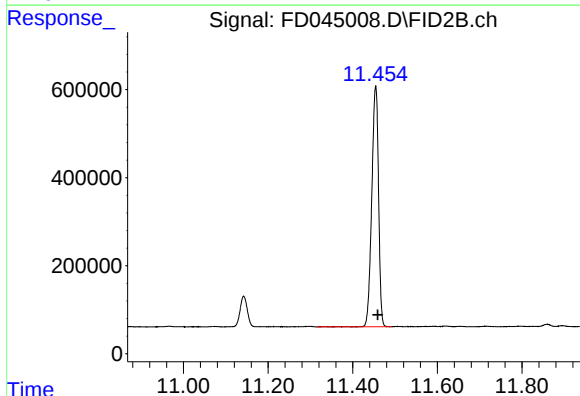
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.003 min
Response: 6735982
Conc: 41.66 ug/ml



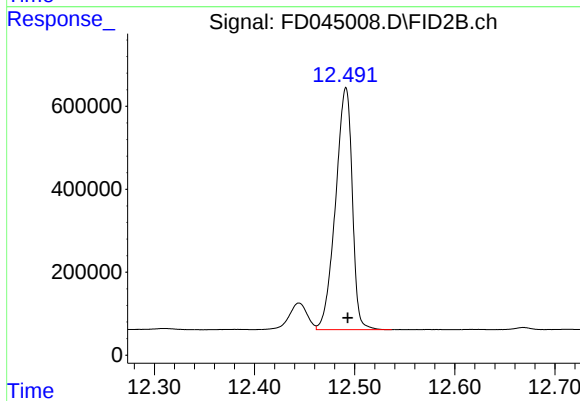
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: -0.001 min
Response: 6636371
Conc: 44.77 ug/ml



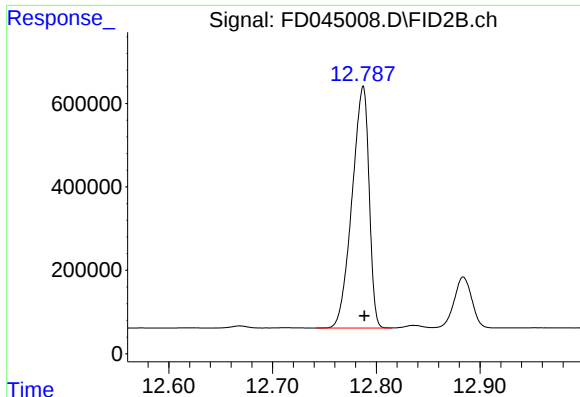
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6056486
Conc: 32.59 ug/ml



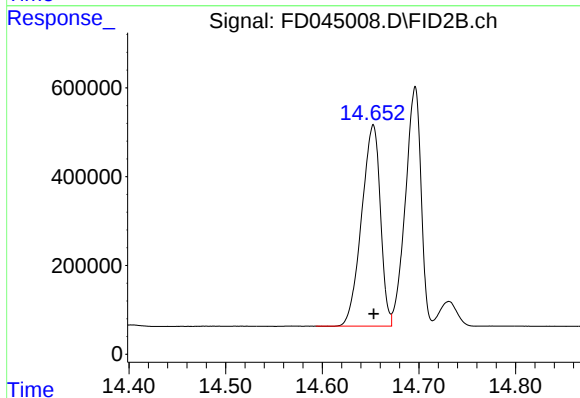
#12 Fluoranthene (C21.85)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 6766994
Conc: 42.28 ug/ml



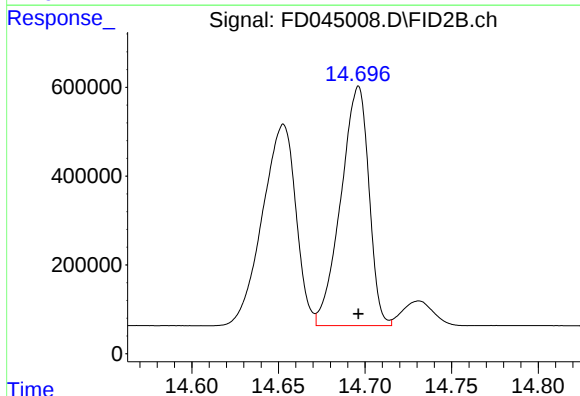
#13 Pyrene (C20.8)

R.T.: 12.787 min
Delta R.T.: -0.002 min
Response: 6601450
Conc: 42.07 ug/ml



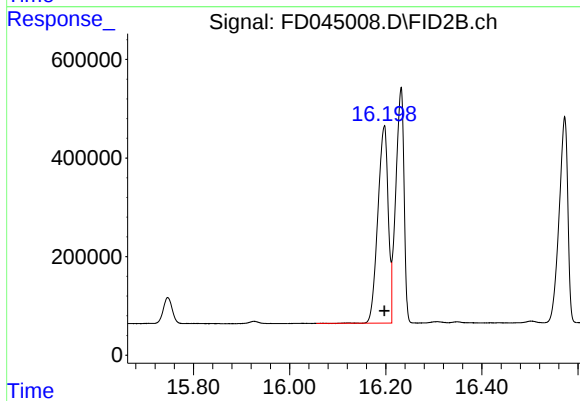
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: 0.000 min
Response: 6104910
Conc: 42.77 ug/ml



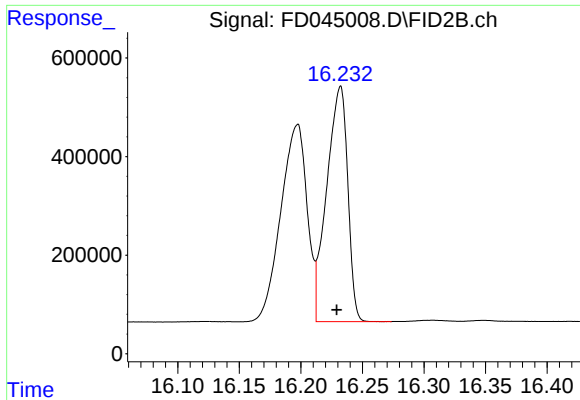
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 6074122
Conc: 41.02 ug/ml



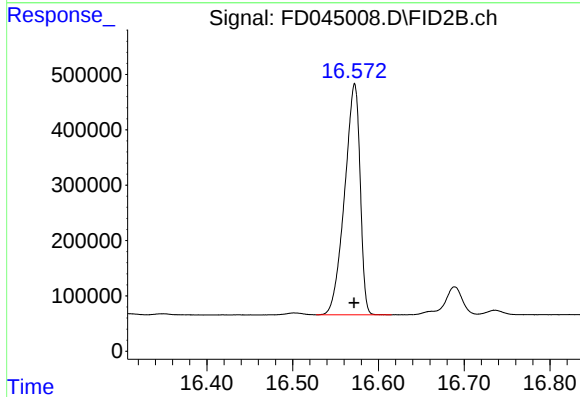
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 5977849
Conc: 41.21 ug/ml



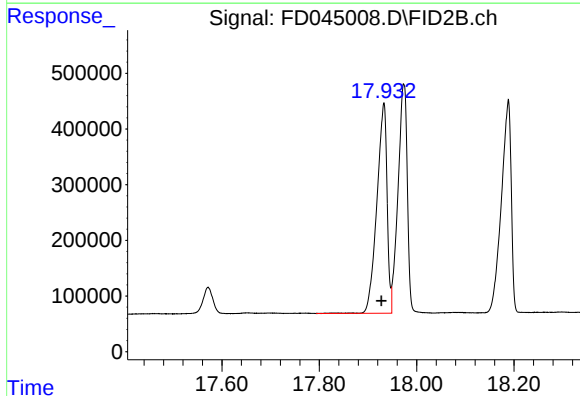
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.231 min
Delta R.T.: 0.002 min
Response: 5662726
Conc: 39.72 ug/ml



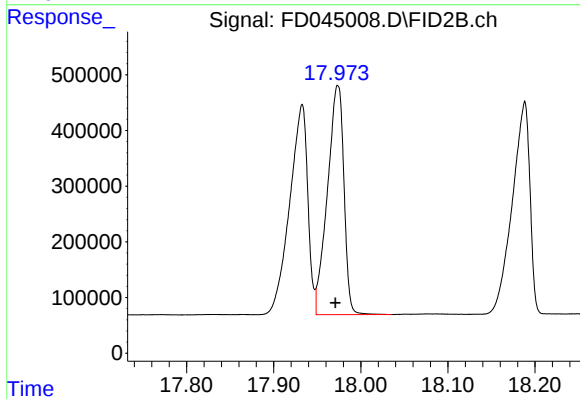
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 5244976
Conc: 37.53 ug/ml



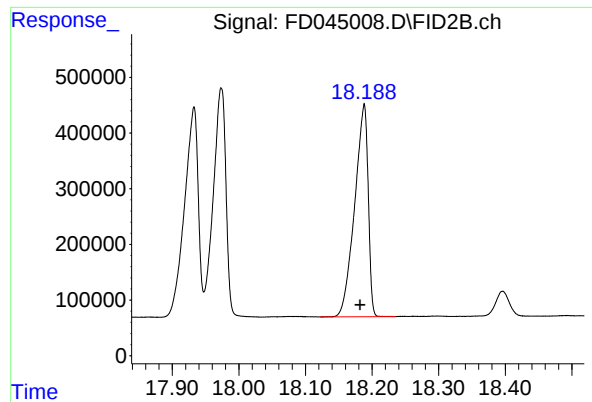
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 5481798
Conc: 40.74 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.003 min
Response: 5415807
Conc: 40.87 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.005 min
Response: 5370863
Conc: 39.50 ug/ml