

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AR\
 Data File : FD040898.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2022 17:42
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 22:41:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:41:03 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.355	1158988	51.067 ug/ml
Spiked Amount 50.000		Recovery =	102.13%
6) S 2-Fluorobiphenyl (SURR)	8.202	754582	55.324 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.65%
11) S ortho-Terphenyl (SURR)	11.234	1398710	48.019 ug/ml
Spiked Amount 50.000		Recovery =	96.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	1248185	48.371 ug/ml
2) T Naphthalene (C11.7)	5.697	1270714	52.189 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	1273621	50.203 ug/ml
5) T Acenaphthylene (C15.06)	8.005	1336835	49.272 ug/ml
7) T Acenaphthene (C15.5)	8.298	1467355	48.322 ug/ml
8) T Fluorene (C16.55)	9.075	1297615	50.406 ug/ml
9) T Phenanthrene (C19.36)	10.461	1312971	50.880 ug/ml
10) T Anthracene (C19.43)	10.535	1325174	50.841 ug/ml
12) T Fluoranthene (C21.85)	12.260	1361409	49.110 ug/ml
13) T Pyrene (C20.8)	12.552	1369627	48.994 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1257733	53.446 ug/ml
15) T Chrysene (C27.41)	14.460	1477676	45.823 ug/ml
16) T benzo[b]fluoranthene ...	15.963	1311596	49.937 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	1430912	45.895 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	1295135	48.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.697	1243483	50.868 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	1455948	47.341 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	1314201	49.433 ug/ml

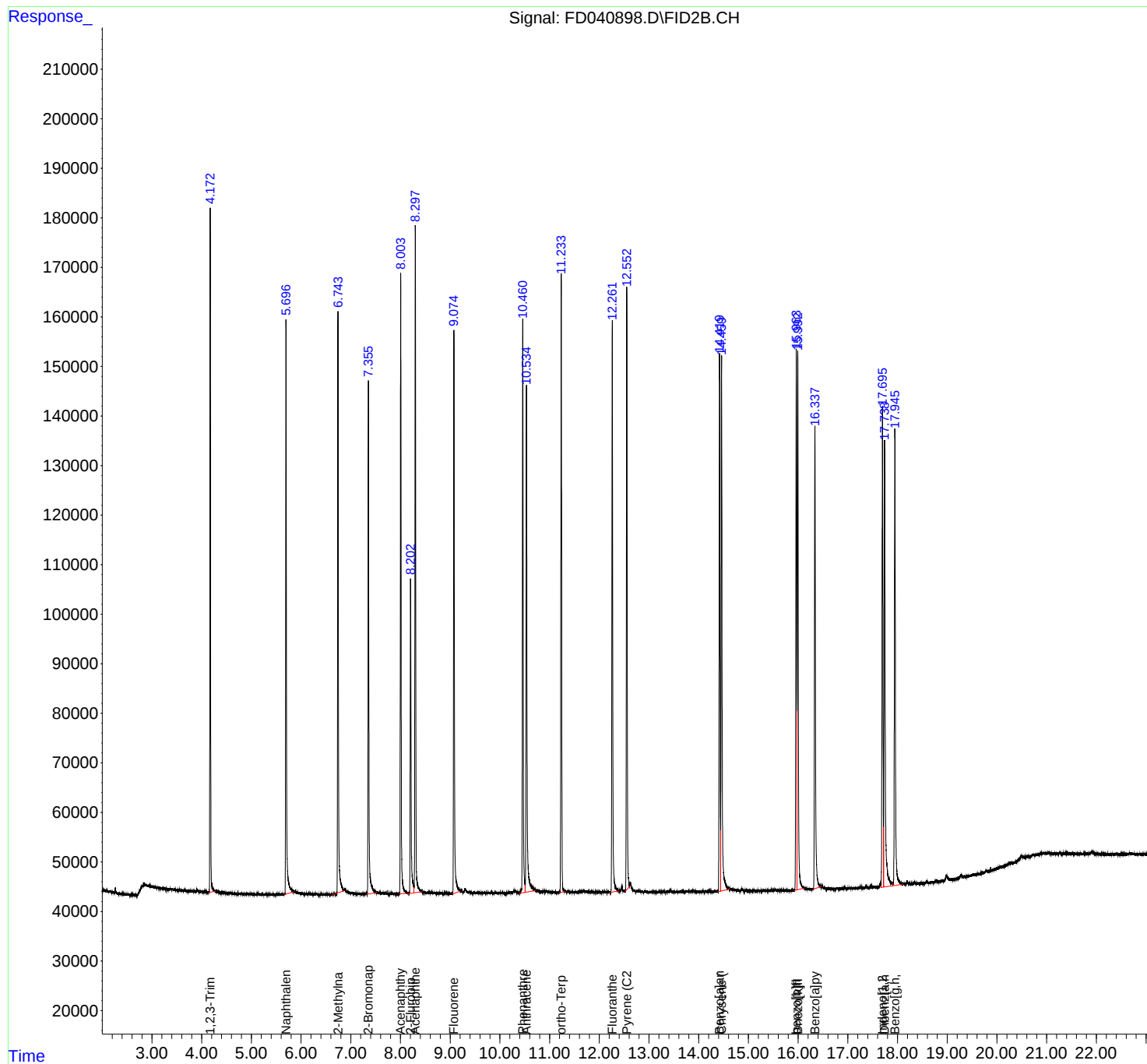
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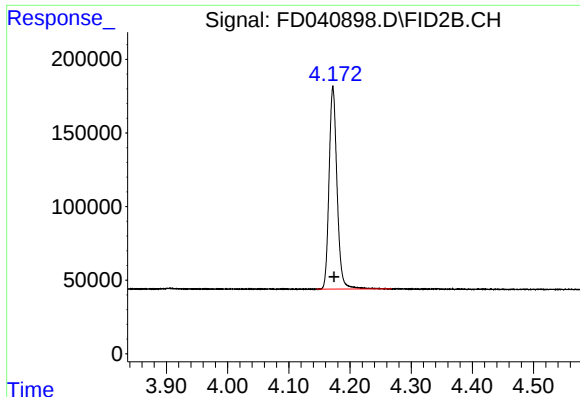
(m)=manual int.

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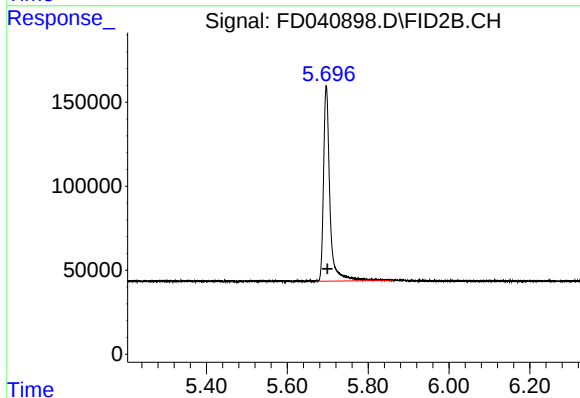
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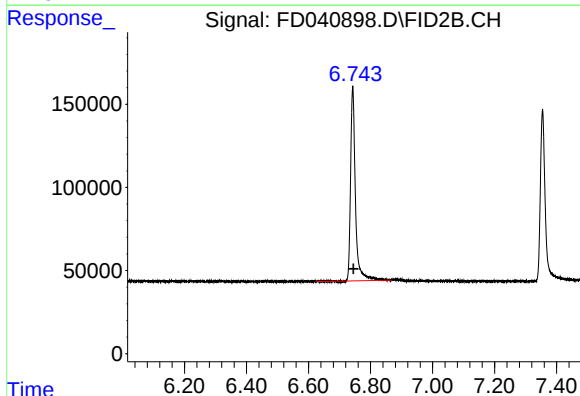
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 1248185
Conc: 48.37 ug/ml



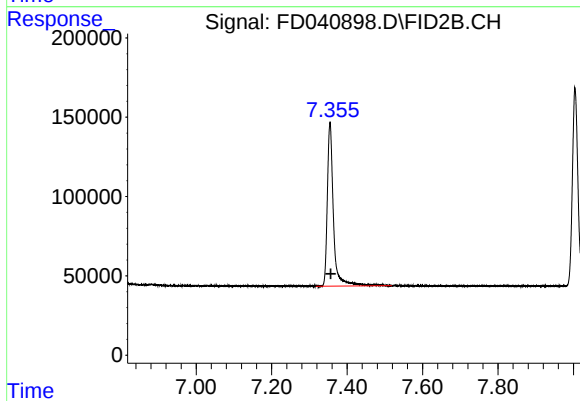
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 1270714
Conc: 52.19 ug/ml



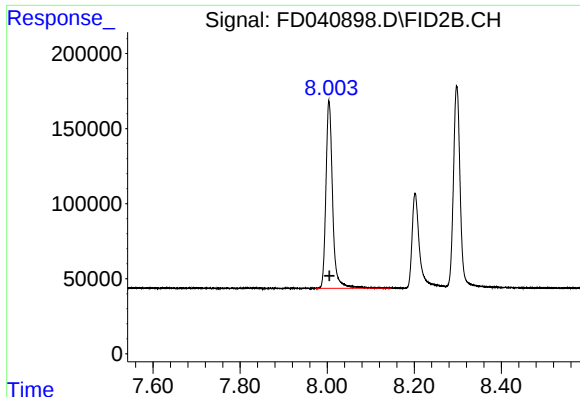
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 1273621
Conc: 50.20 ug/ml



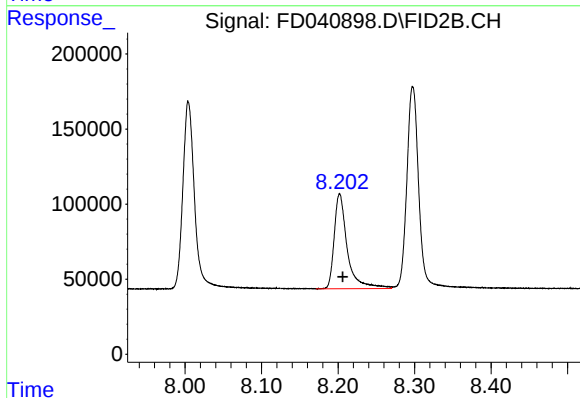
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 1158988
Conc: 51.07 ug/ml



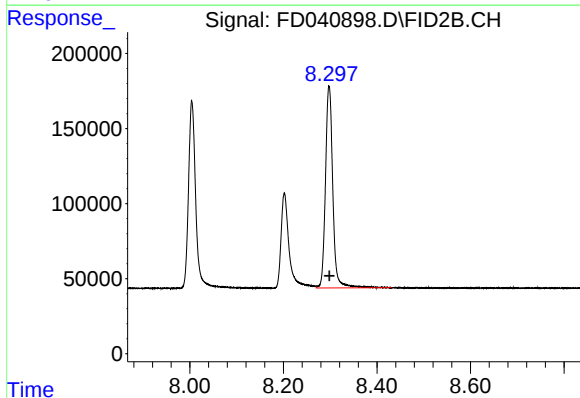
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 1336835
Conc: 49.27 ug/ml



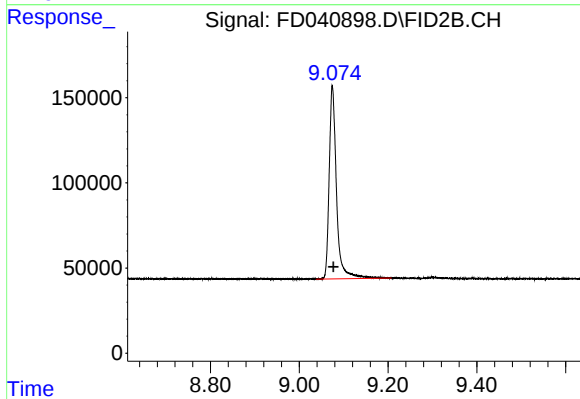
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.004 min
Response: 754582
Conc: 55.32 ug/ml



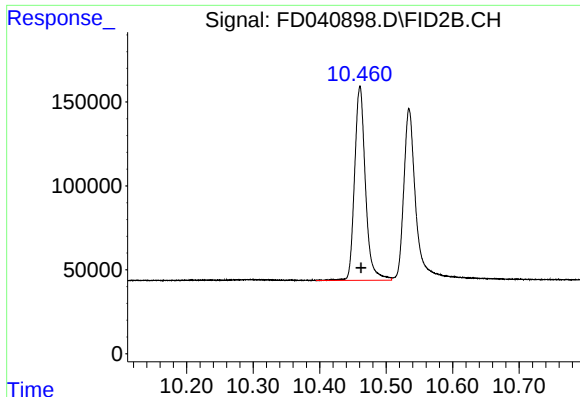
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 1467355
Conc: 48.32 ug/ml



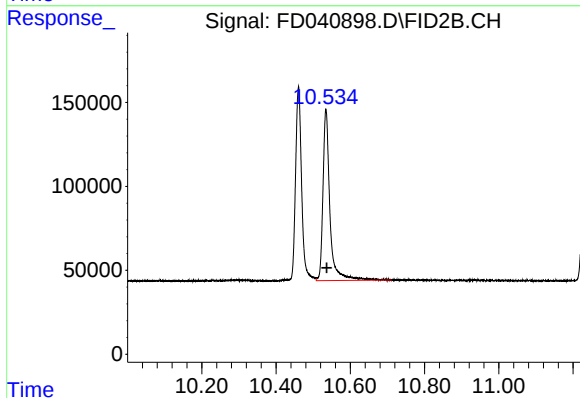
#8 Flouorene (C16.55)

R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 1297615
Conc: 50.41 ug/ml



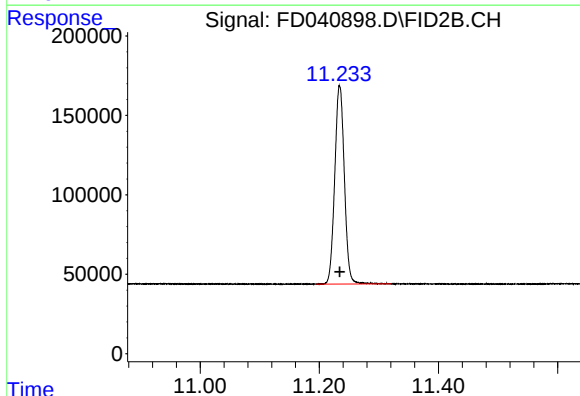
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.001 min
Response: 1312971
Conc: 50.88 ug/ml



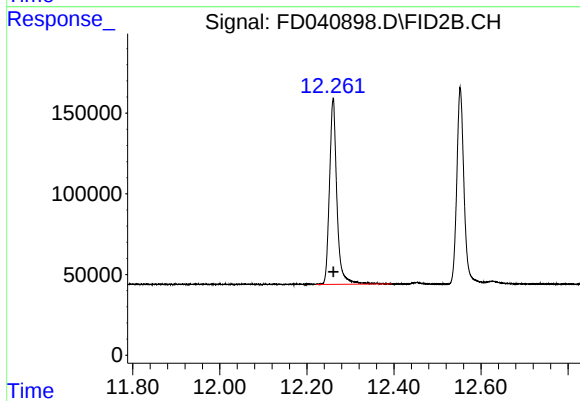
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.002 min
Response: 1325174
Conc: 50.84 ug/ml



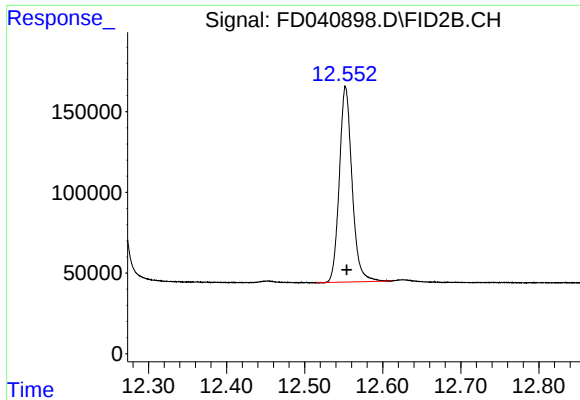
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 1398710
Conc: 48.02 ug/ml



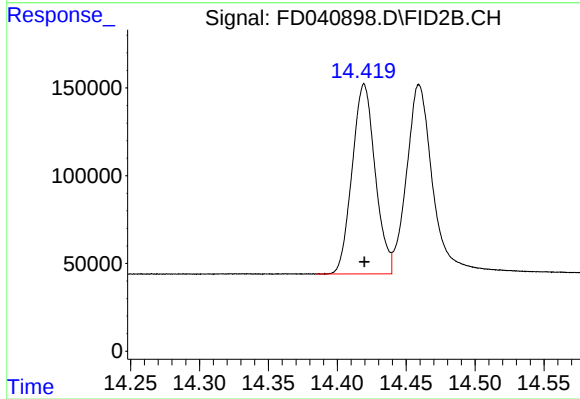
#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: 0.000 min
Response: 1361409
Conc: 49.11 ug/ml



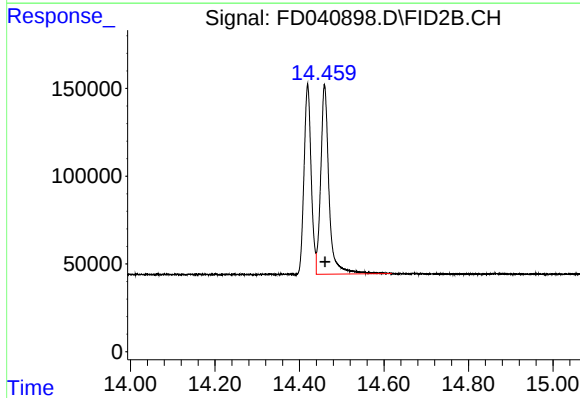
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.001 min
Response: 1369627
Conc: 48.99 ug/ml



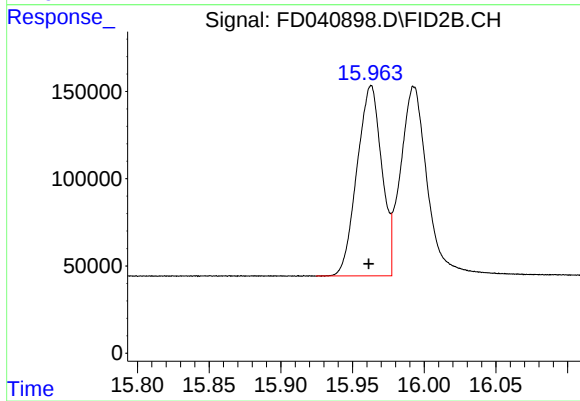
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: 0.000 min
Response: 1257733
Conc: 53.45 ug/ml



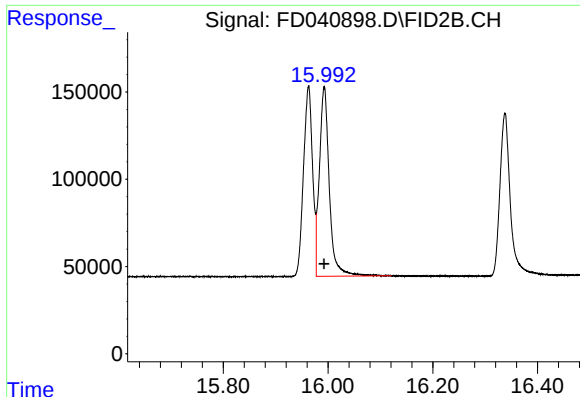
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: 0.000 min
Response: 1477676
Conc: 45.82 ug/ml



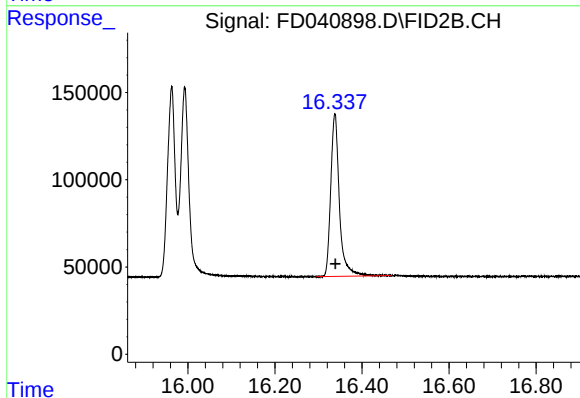
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.963 min
Delta R.T.: 0.001 min
Response: 1311596
Conc: 49.94 ug/ml



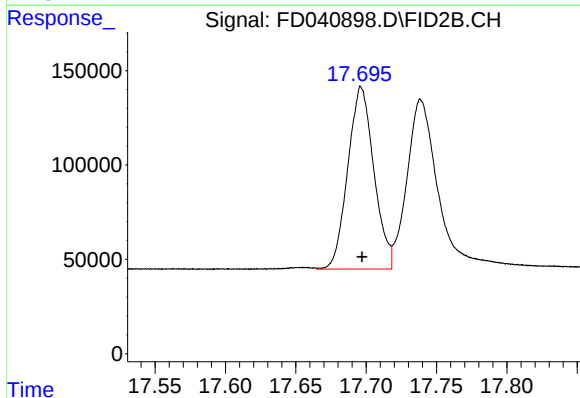
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.993 min
Delta R.T.: 0.000 min
Response: 1430912
Conc: 45.89 ug/ml



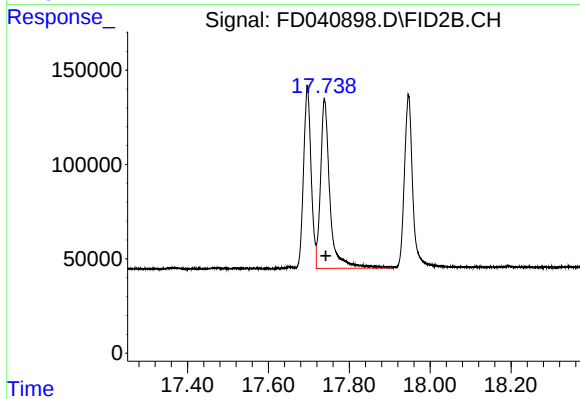
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: -0.001 min
Response: 1295135
Conc: 48.78 ug/ml



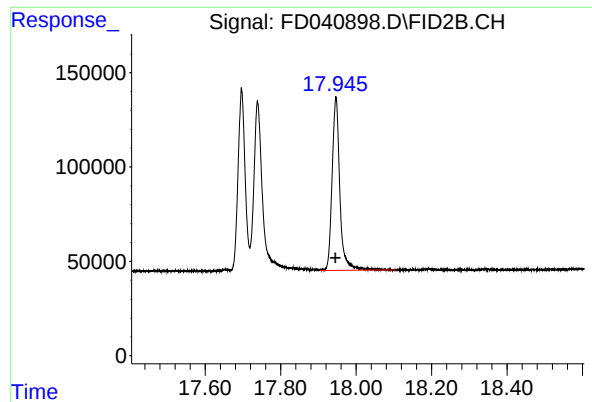
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.697 min
Delta R.T.: 0.000 min
Response: 1243483
Conc: 50.87 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.003 min
Response: 1455948
Conc: 47.34 ug/ml



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

R.T.: 17.947 min
Delta R.T.: 0.000 min
Response: 1314201
Conc: 49.43 ug/ml