

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AR\
 Data File : FD040902.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2022 20:52
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 22:56:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 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...	7.358	402549	19.043 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
6) S 2-Fluorobiphenyl (SURR)	8.208	239341	18.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.36%
11) S ortho-Terphenyl (SURR)	11.235	530170	18.270 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	470136	18.526 ug/ml
2) T Naphthalene (C11.7)	5.700	440537	18.970 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	442951	18.735 ug/ml
5) T Acenaphthylene (C15.06)	8.006	498745	18.586 ug/ml
7) T Acenaphthene (C15.5)	8.298	557907	18.520 ug/ml
8) T Fluorene (C16.55)	9.078	455434	18.304 ug/ml
9) T Phenanthrene (C19.36)	10.462	452833	18.377 ug/ml
10) T Anthracene (C19.43)	10.537	457546	17.539 ug/ml
12) T Fluoranthene (C21.85)	12.262	486912	18.278 ug/ml
13) T Pyrene (C20.8)	12.554	502969	18.592 ug/ml
14) T Benzo[a]anthracene (C...	14.421	424188	19.041 ug/ml
15) T Chrysene (C27.41)	14.461	593917	18.870 ug/ml
16) T benzo[b]fluoranthene ...	15.962	470483	18.911 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	577157	18.912 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	488680	19.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	448205	18.990 ug/ml
20) T Dibenz[a,h]anthracene...	17.744	553671	18.686 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	479427	18.054 ug/ml

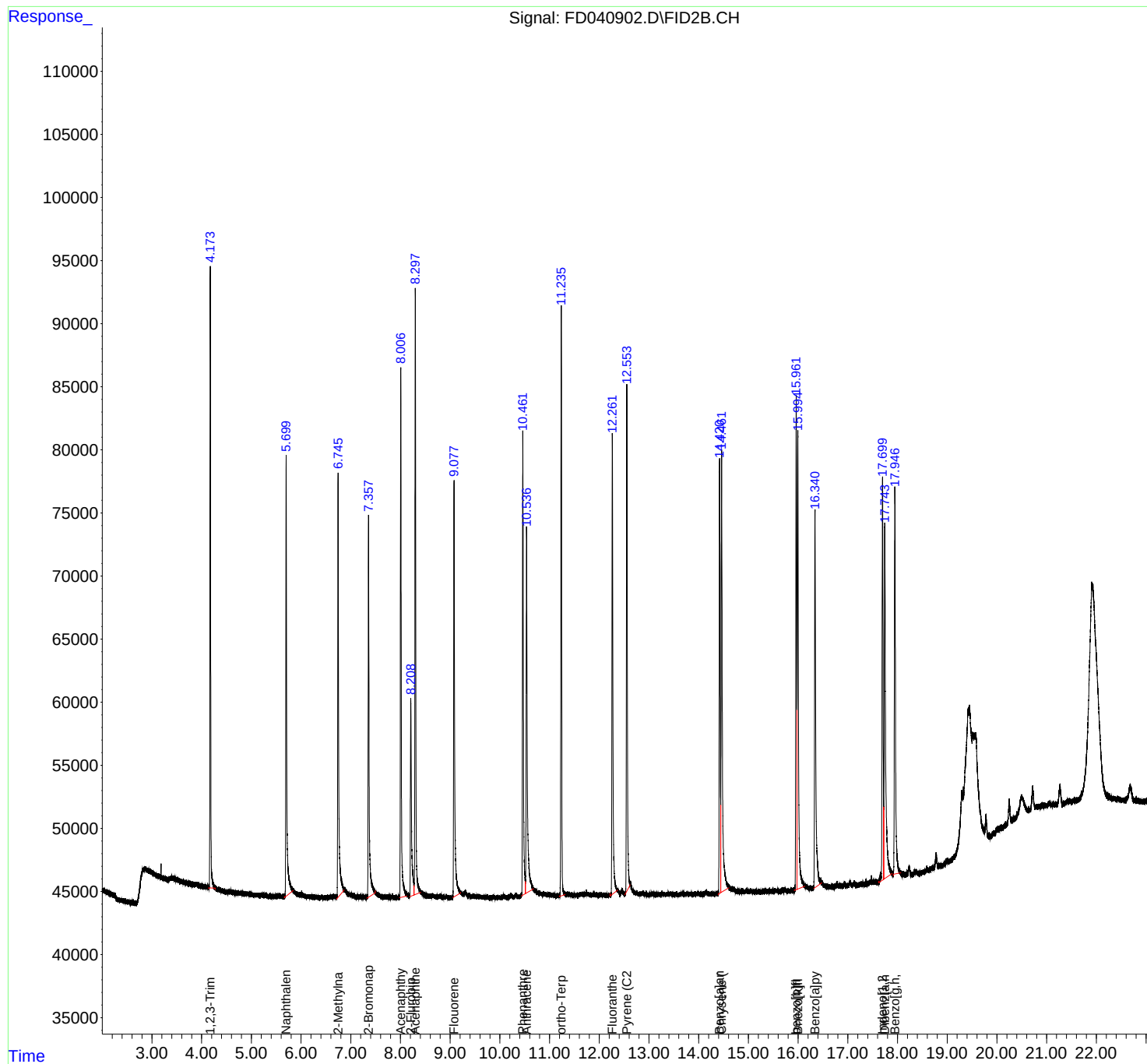
(f)=RT Delta > 1/2 Window

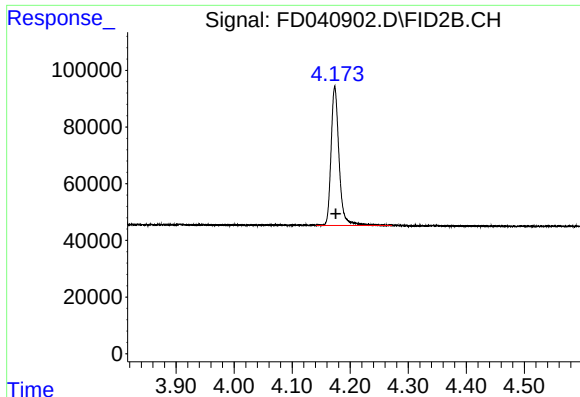
(m)=manual int.

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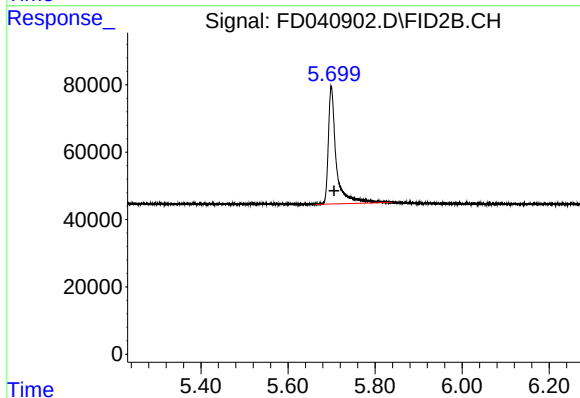
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





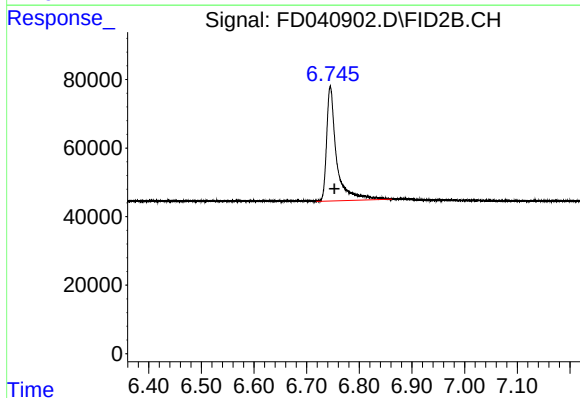
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 470136
Conc: 18.53 ug/ml



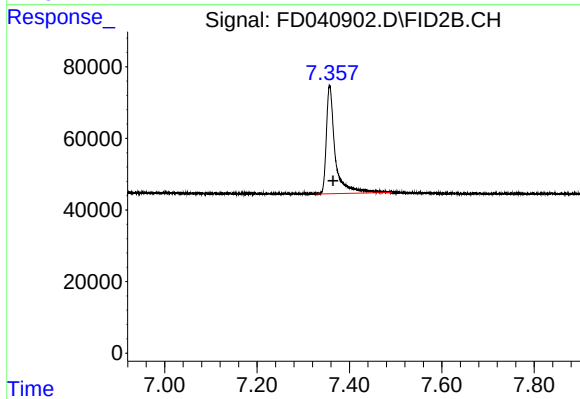
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 440537
Conc: 18.97 ug/ml



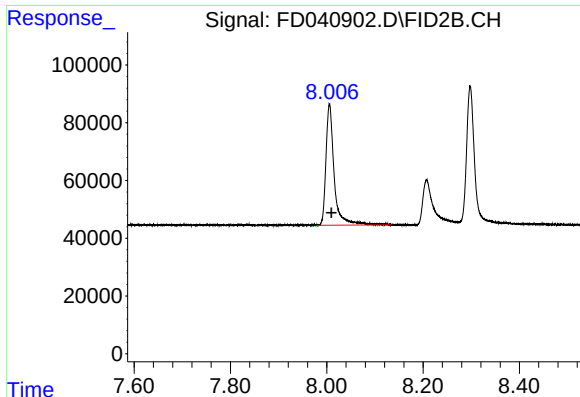
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 442951
Conc: 18.73 ug/ml



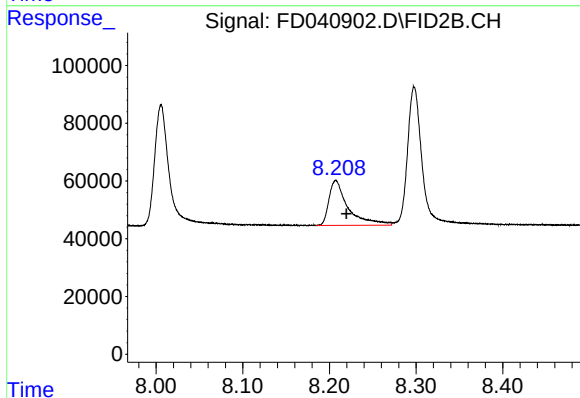
#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.007 min
Response: 402549
Conc: 19.04 ug/ml



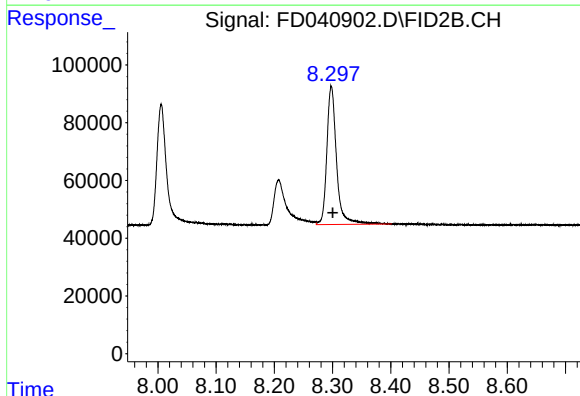
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 498745
Conc: 18.59 ug/ml



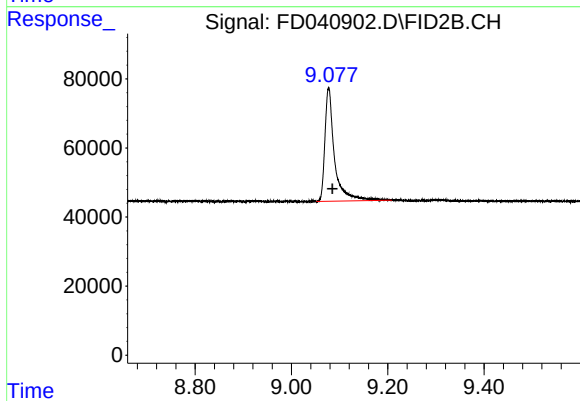
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.208 min
Delta R.T.: -0.012 min
Response: 239341
Conc: 18.68 ug/ml



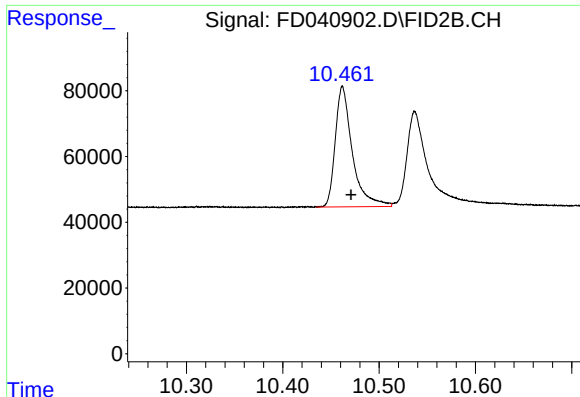
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 557907
Conc: 18.52 ug/ml



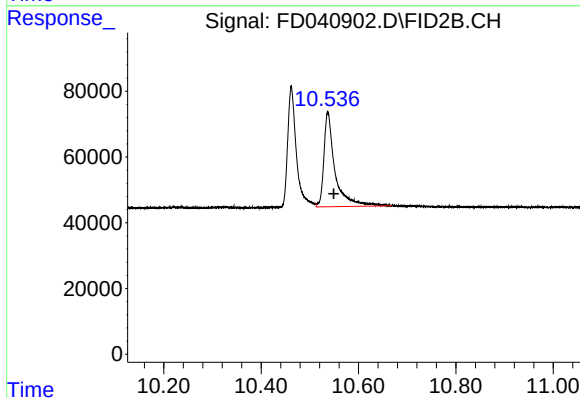
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.008 min
Response: 455434
Conc: 18.30 ug/ml



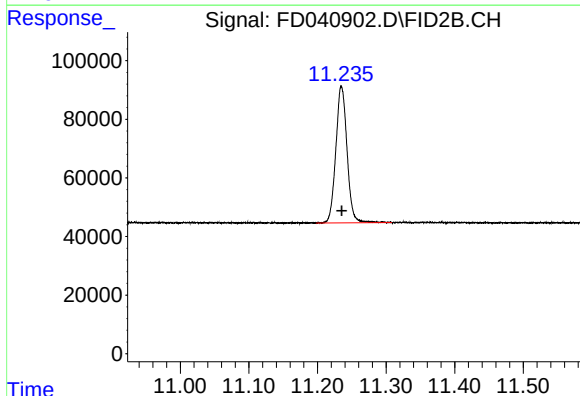
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 452833
Conc: 18.38 ug/ml



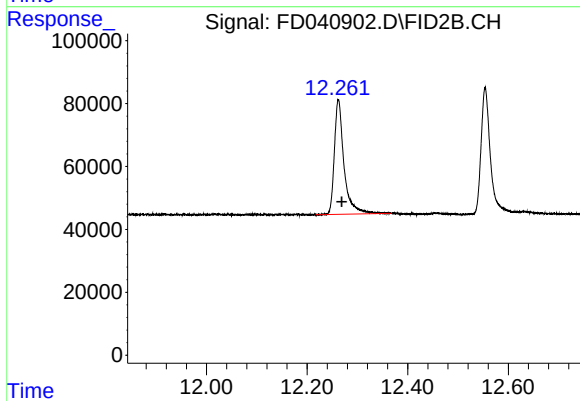
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.012 min
Response: 457546
Conc: 17.54 ug/ml



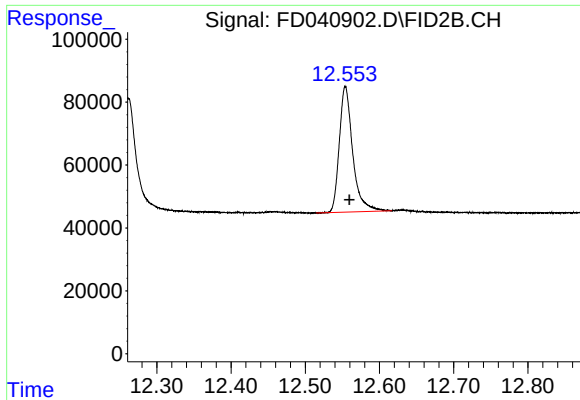
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 530170
Conc: 18.27 ug/ml



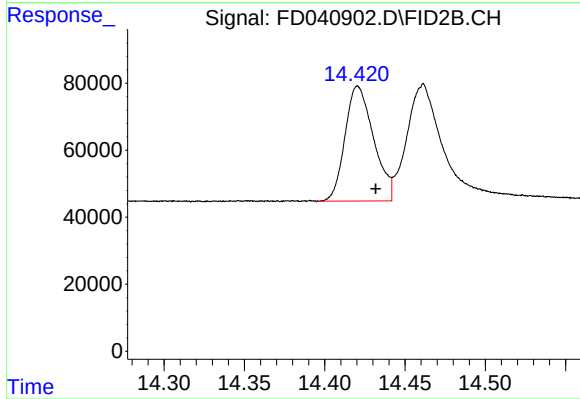
#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: -0.007 min
Response: 486912
Conc: 18.28 ug/ml



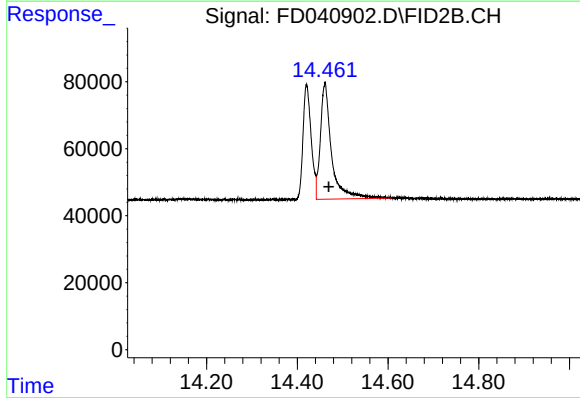
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.005 min
Response: 502969
Conc: 18.59 ug/ml



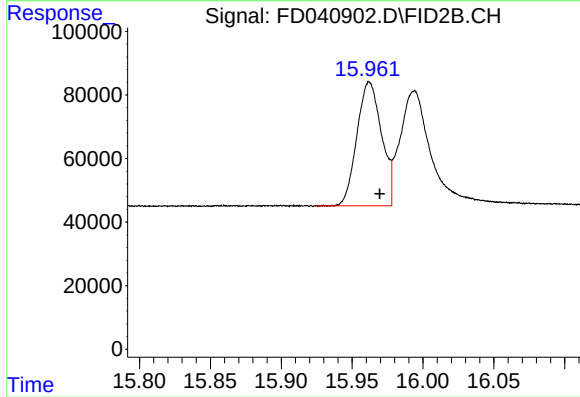
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.011 min
Response: 424188
Conc: 19.04 ug/ml



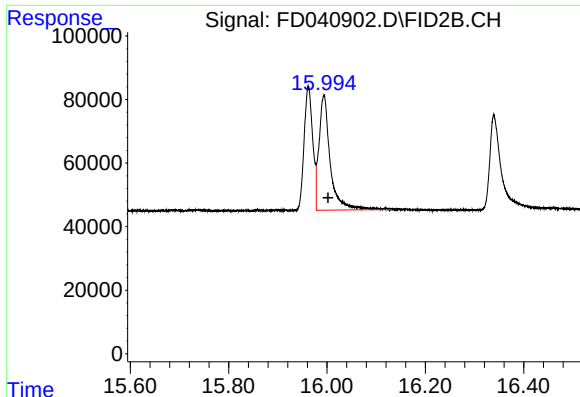
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.008 min
Response: 593917
Conc: 18.87 ug/ml



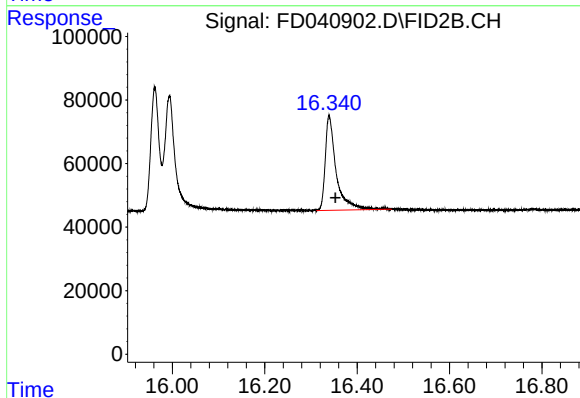
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: -0.007 min
Response: 470483
Conc: 18.91 ug/ml



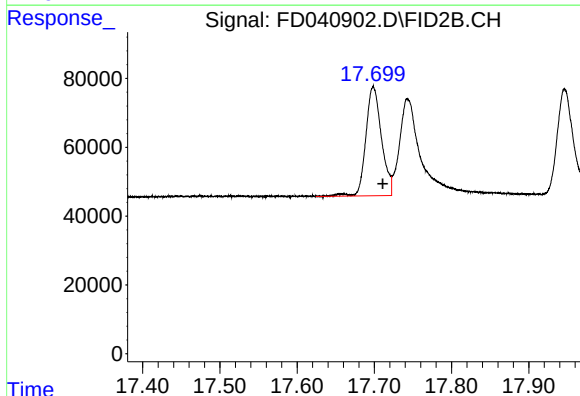
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: -0.009 min
Response: 577157
Conc: 18.91 ug/ml



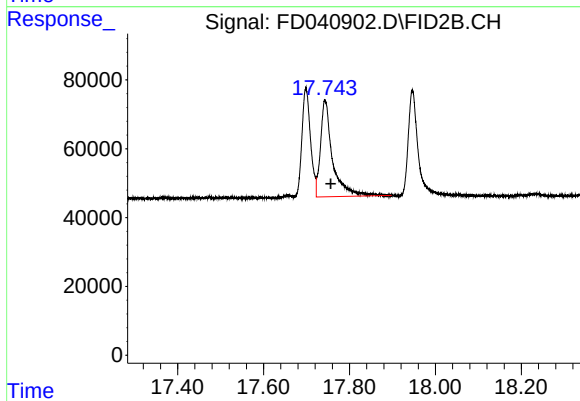
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.013 min
Response: 488680
Conc: 19.17 ug/ml



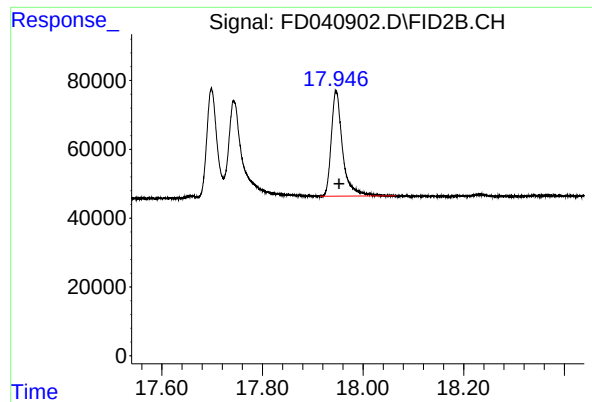
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 448205
Conc: 18.99 ug/ml



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

R.T.: 17.744 min
Delta R.T.: -0.013 min
Response: 553671
Conc: 18.69 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.006 min
Response: 479427
Conc: 18.05 ug/ml