

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040390.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 17:30
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:02:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:01:22 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...	6.755	6991278	48.455 ug/ml
Spiked Amount 50.000		Recovery =	96.91%
6) S 2-Fluorobiphenyl (SURR)	7.604	4743170	49.075 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.15%
11) S ortho-Terphenyl (SURR)	10.641	7438276	47.578 ug/ml
Spiked Amount 50.000		Recovery =	95.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.608	7593441	49.297 ug/ml
2) T Naphthalene (C11.7)	5.103	7932580	49.083 ug/ml
3) T 2-Methylnaphthalene (...)	6.146	8010401	48.811 ug/ml
5) T Acenaphthylene (C15.06)	7.409	7370515	48.365 ug/ml
7) T Acenaphthene (C15.5)	7.705	7799151	48.098 ug/ml
8) T Fluorene (C16.55)	8.481	7628791	48.531 ug/ml
9) T Phenanthrene (C19.36)	9.869	7522972	48.310 ug/ml
10) T Anthracene (C19.43)	9.943	7205032	48.877 ug/ml
12) T Fluoranthene (C21.85)	11.672	7539383	48.445 ug/ml
13) T Pyrene (C20.8)	11.966	7355833	48.317 ug/ml
14) T Benzo[a]anthracene (C...	13.834	6709072	49.926 ug/ml
15) T Chrysene (C27.41)	13.878	7130512	48.975 ug/ml
16) T benzo[b]fluoranthene ...	15.379	6824038	49.279 ug/ml
17) T Bnezo[k]fluoranthene ...	15.415	6840723	49.247 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.757	6517149	51.393 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.119	6390233	52.700 ug/ml
20) T Dibenz[a,h]anthracene...	17.161	6316097	51.973 ug/ml
21) T Benzo[g,h,i]perylene ...	17.373	6478642	50.965 ug/ml

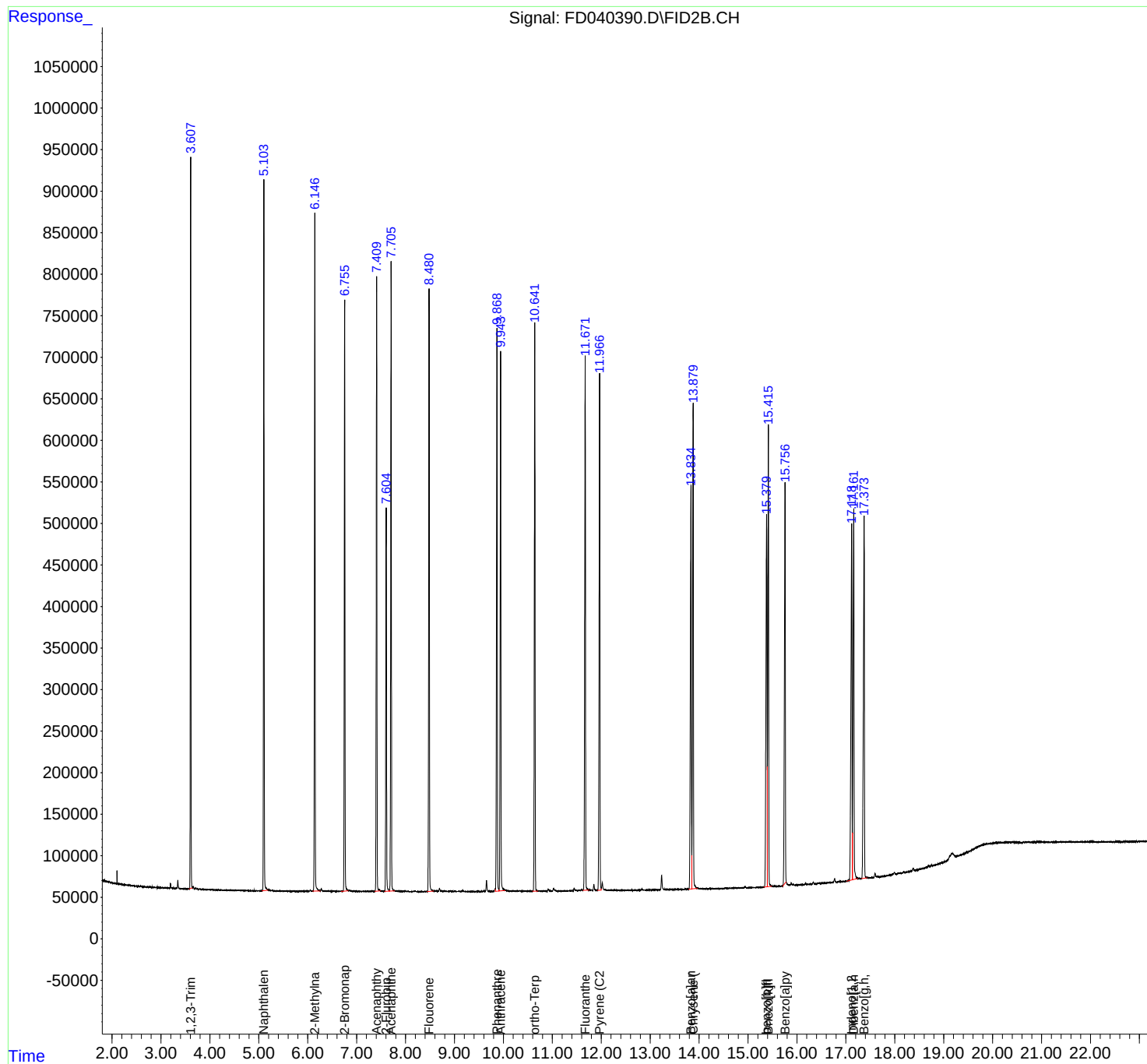
(f)=RT Delta > 1/2 Window

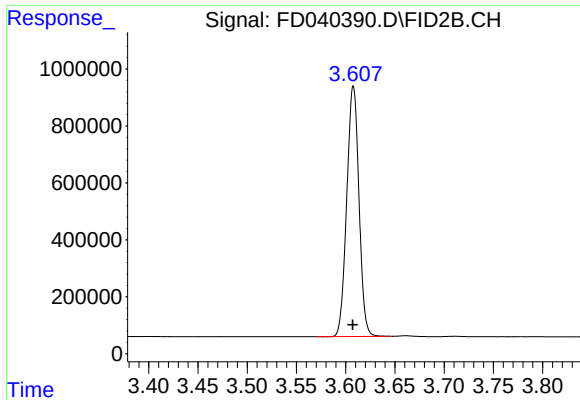
(m)=manual int.

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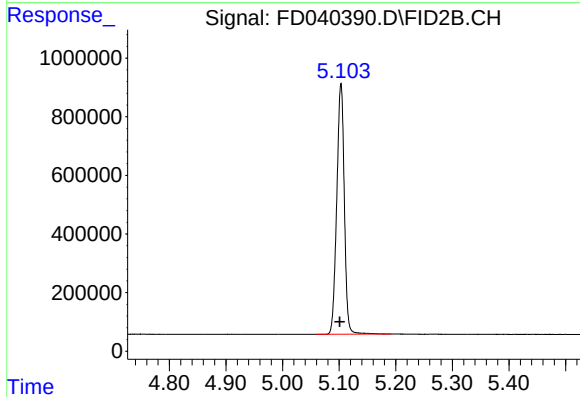
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Signal Info : 20M x 0.18mm x 0.18µm





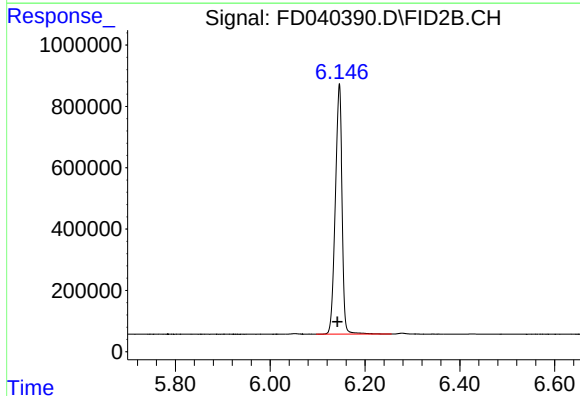
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 7593441
Conc: 49.30 ug/ml



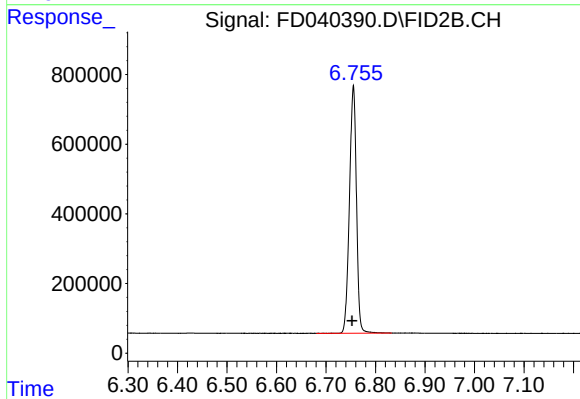
#2 Naphthalene (C11.7)

R.T.: 5.103 min
Delta R.T.: 0.002 min
Response: 7932580
Conc: 49.08 ug/ml



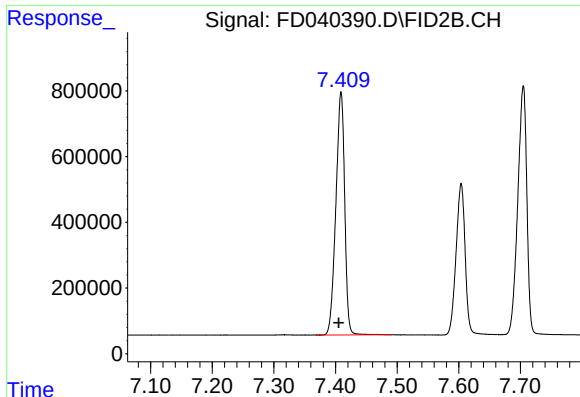
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.146 min
Delta R.T.: 0.004 min
Response: 8010401
Conc: 48.81 ug/ml



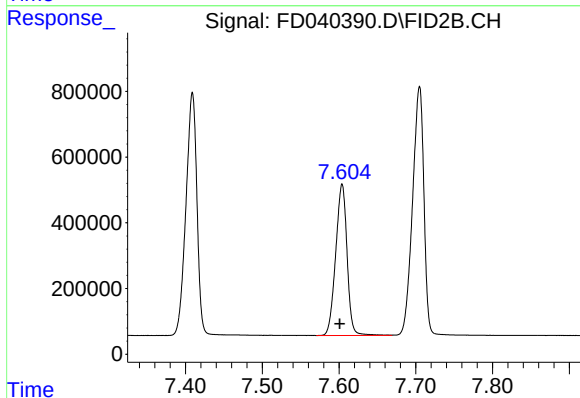
#4 2-Bromonaphthalene (SURR)

R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 6991278
Conc: 48.46 ug/ml



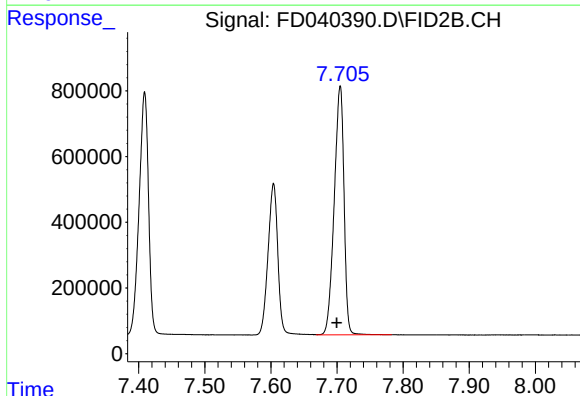
#5 Acenaphthylene (C15.06)

R.T.: 7.409 min
Delta R.T.: 0.004 min
Response: 7370515
Conc: 48.36 ug/ml



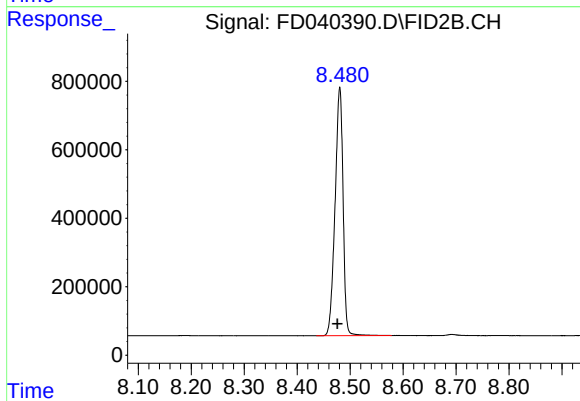
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 4743170
Conc: 49.08 ug/ml



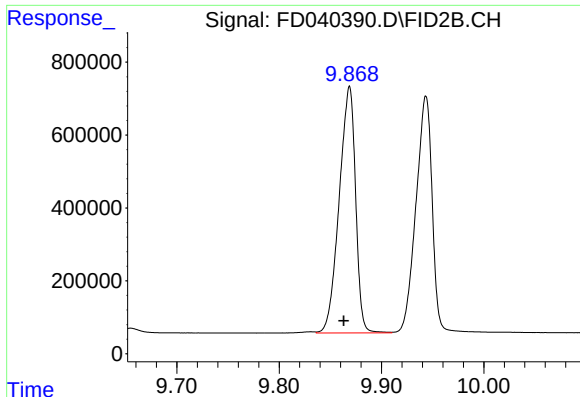
#7 Acenaphthene (C15.5)

R.T.: 7.705 min
Delta R.T.: 0.005 min
Response: 7799151
Conc: 48.10 ug/ml



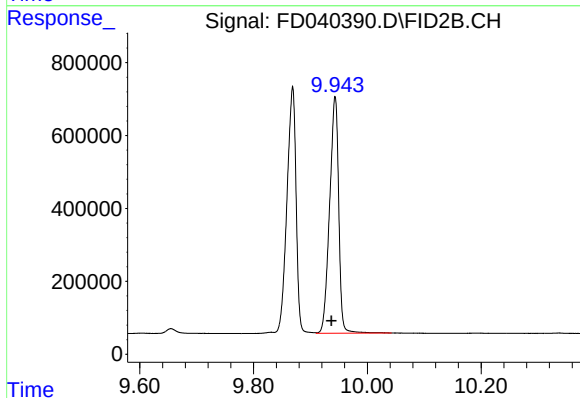
#8 Flouorene (C16.55)

R.T.: 8.481 min
Delta R.T.: 0.005 min
Response: 7628791
Conc: 48.53 ug/ml



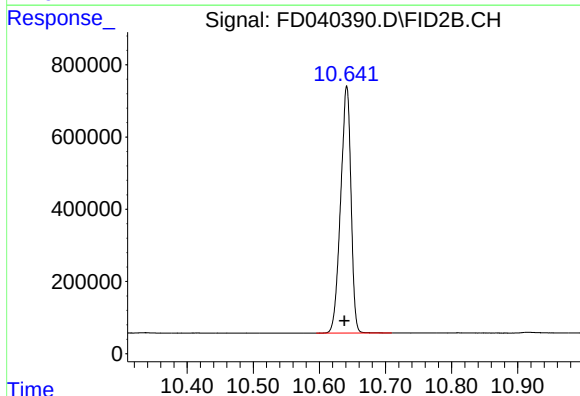
#9 Phenanthrene (C19.36)

R.T.: 9.869 min
Delta R.T.: 0.006 min
Response: 7522972
Conc: 48.31 ug/ml



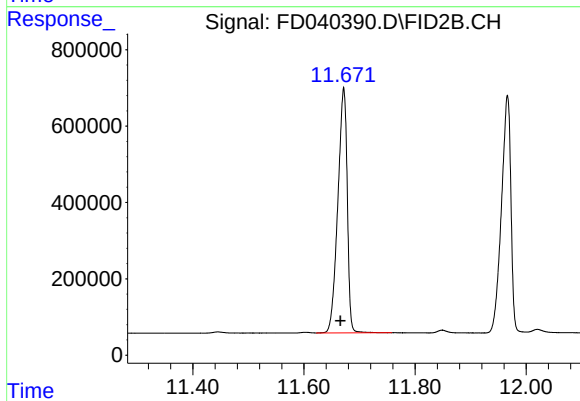
#10 Anthracene (C19.43)

R.T.: 9.943 min
Delta R.T.: 0.007 min
Response: 7205032
Conc: 48.88 ug/ml



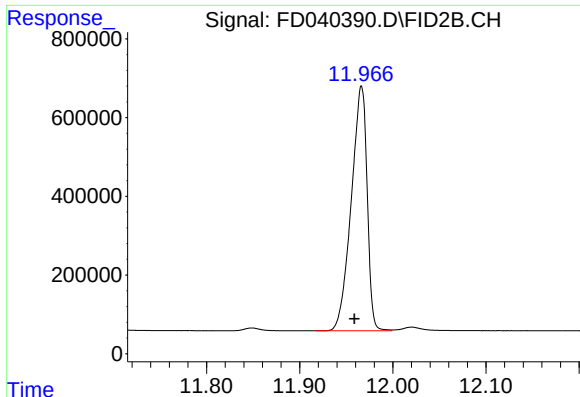
#11 ortho-Terphenyl (SURR)

R.T.: 10.641 min
Delta R.T.: 0.004 min
Response: 7438276
Conc: 47.58 ug/ml



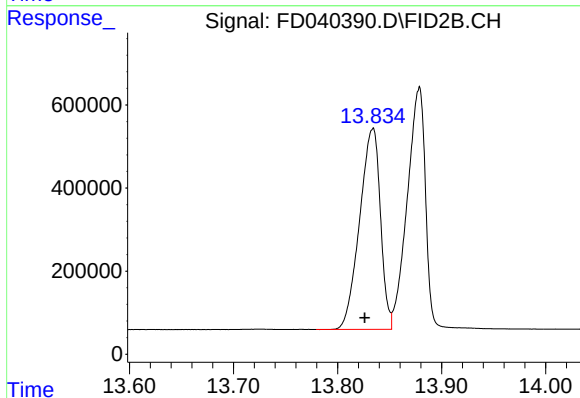
#12 Fluoranthene (C21.85)

R.T.: 11.672 min
Delta R.T.: 0.006 min
Response: 7539383
Conc: 48.45 ug/ml



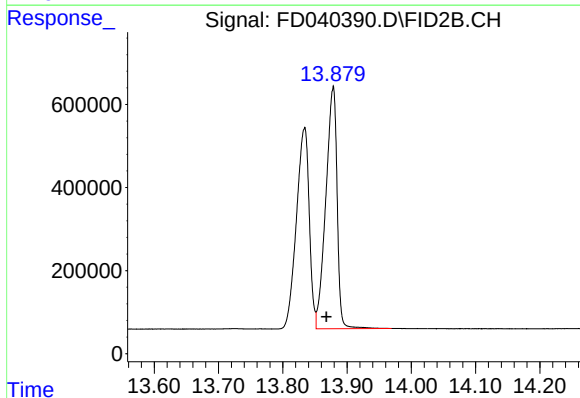
#13 Pyrene (C20.8)

R.T.: 11.966 min
Delta R.T.: 0.008 min
Response: 7355833
Conc: 48.32 ug/ml



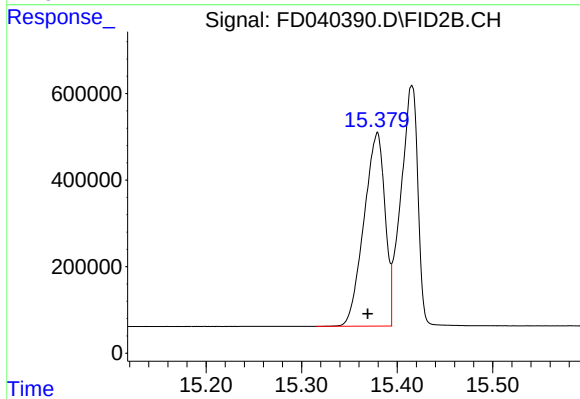
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.834 min
Delta R.T.: 0.008 min
Response: 6709072
Conc: 49.93 ug/ml



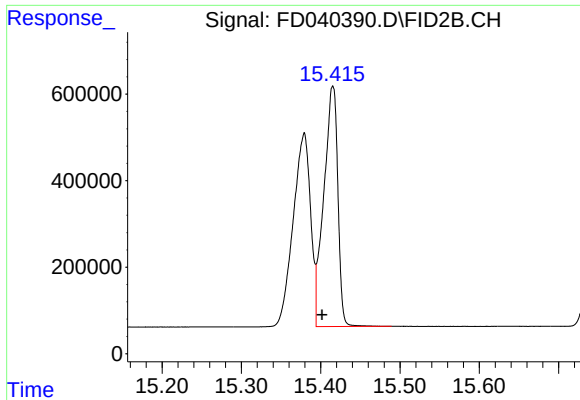
#15 Chrysene (C27.41)

R.T.: 13.878 min
Delta R.T.: 0.010 min
Response: 7130512
Conc: 48.98 ug/ml



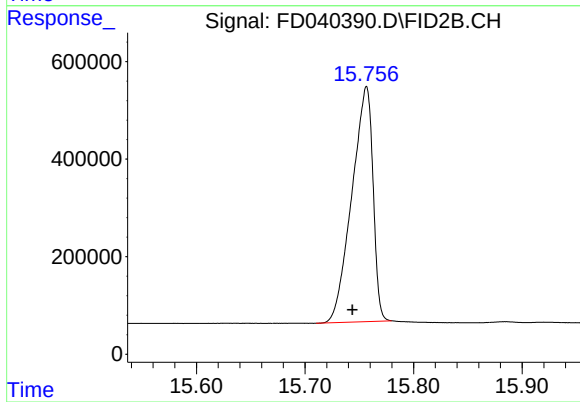
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.379 min
Delta R.T.: 0.010 min
Response: 6824038
Conc: 49.28 ug/ml



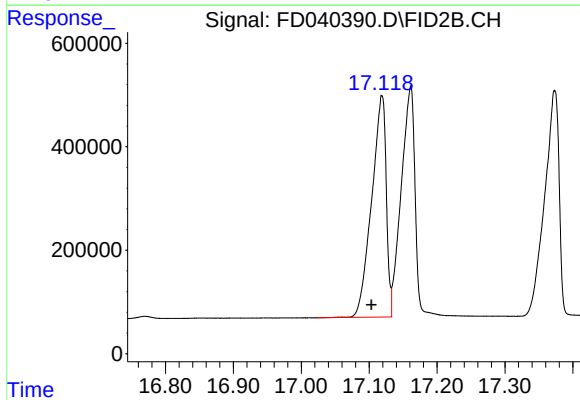
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.415 min
Delta R.T.: 0.014 min
Response: 6840723
Conc: 49.25 ug/ml



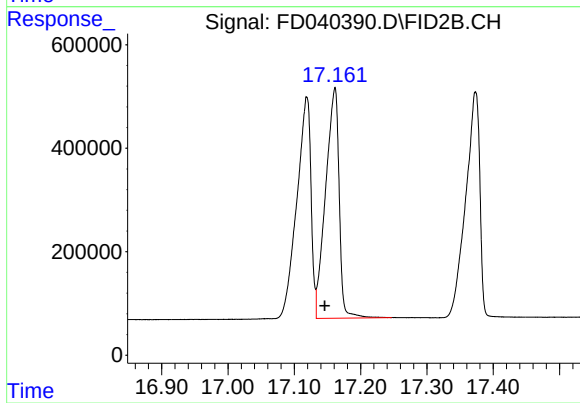
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.757 min
Delta R.T.: 0.013 min
Response: 6517149
Conc: 51.39 ug/ml



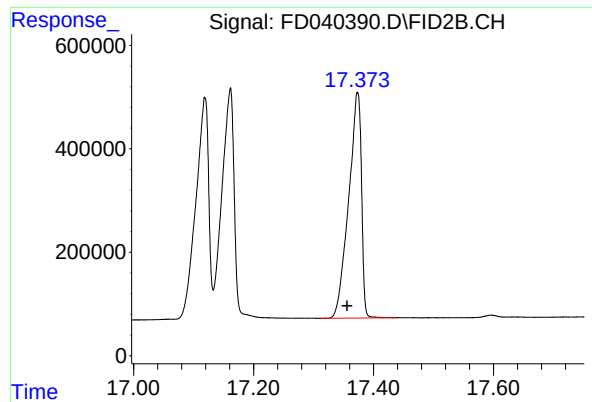
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.119 min
Delta R.T.: 0.016 min
Response: 6390233
Conc: 52.70 ug/ml



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

R.T.: 17.161 min
Delta R.T.: 0.016 min
Response: 6316097
Conc: 51.97 ug/ml



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

R.T.: 17.373 min
Delta R.T.: 0.017 min
Response: 6478642
Conc: 50.96 ug/ml