

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040396.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 21:24
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:19:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.751	2769853	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
6) S 2-Fluorobiphenyl (SURR)	7.599	1858979	19.522 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.04%
11) S ortho-Terphenyl (SURR)	10.636	3053118	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.605	2942687	19.024 ug/ml
2) T Naphthalene (C11.7)	5.100	3086555	19.285 ug/ml
3) T 2-Methylnaphthalene (...)	6.140	3154044	19.431 ug/ml
5) T Acenaphthylene (C15.06)	7.404	2930331	19.494 ug/ml
7) T Acenaphthene (C15.5)	7.698	3136718	19.461 ug/ml
8) T Fluorene (C16.55)	8.474	3045233	19.592 ug/ml
9) T Phenanthrene (C19.36)	9.861	3031052	19.702 ug/ml
10) T Anthracene (C19.43)	9.935	2871132	19.652 ug/ml
12) T Fluoranthene (C21.85)	11.662	3071020	19.778 ug/ml
13) T Pyrene (C20.8)	11.956	3006343	19.917 ug/ml
14) T Benzo[a]anthracene (C...	13.823	2663294	20.076 ug/ml
15) T Chrysene (C27.41)	13.864	2889207	19.757 ug/ml
16) T benzo[b]fluoranthene ...	15.366	2696152	19.731 ug/ml
17) T Bnezo[k]fluoranthene ...	15.400	2737340	19.776 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.741	2525864	19.377 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.101	2367398	19.428 ug/ml
20) T Dibenz[a,h]anthracene...	17.144	2348755	19.309 ug/ml
21) T Benzo[g,h,i]perylene ...	17.353	2494833	19.430 ug/ml

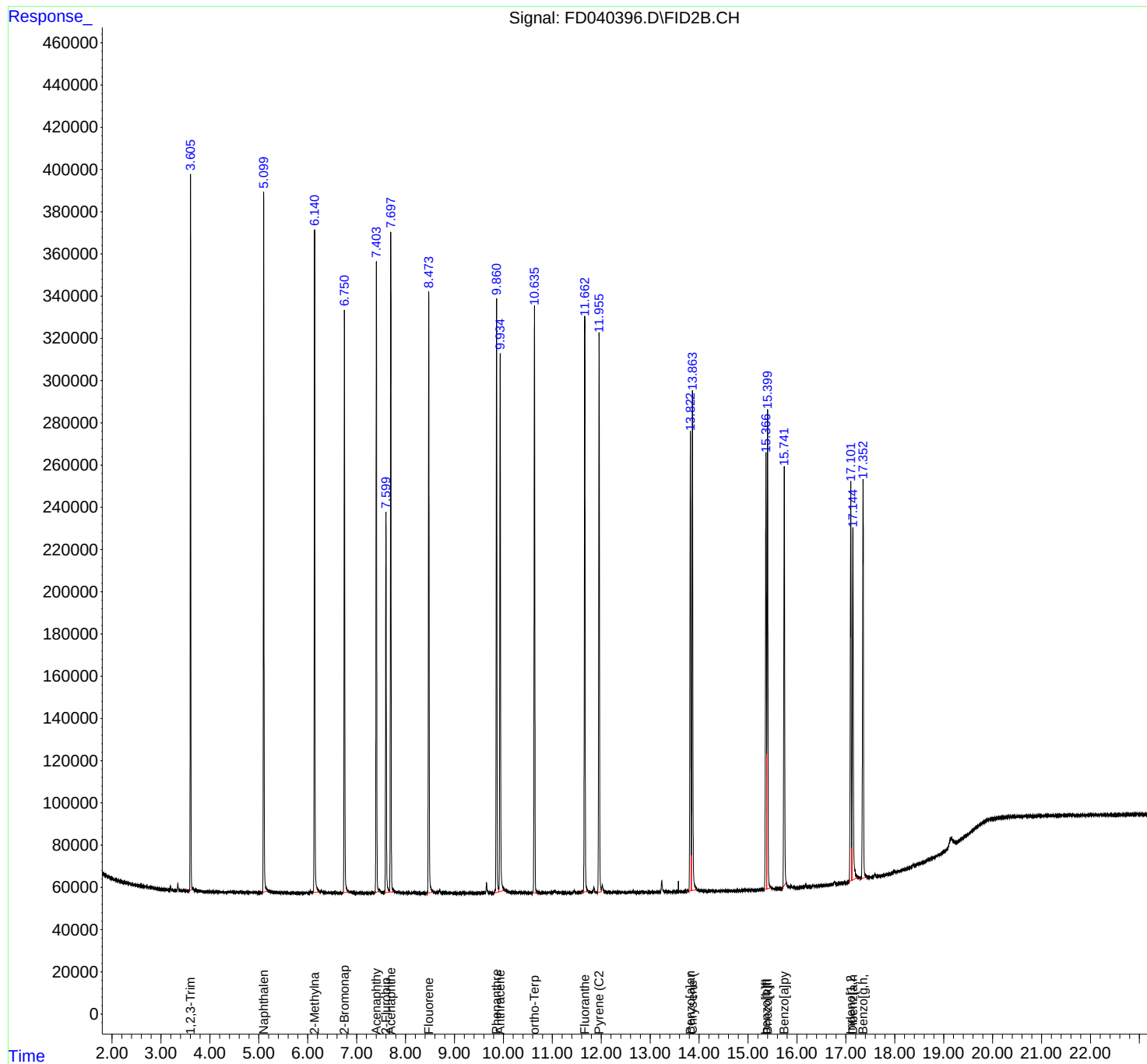
(f)=RT Delta > 1/2 Window

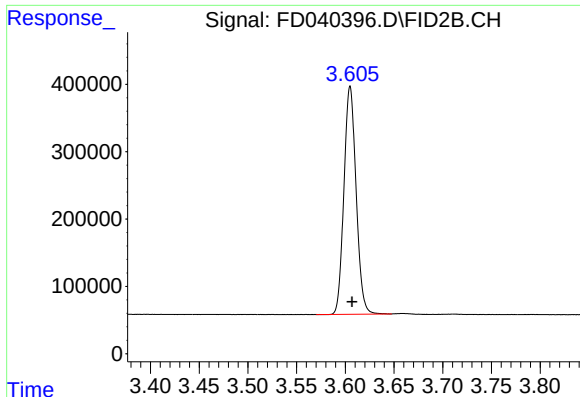
(m)=manual int.

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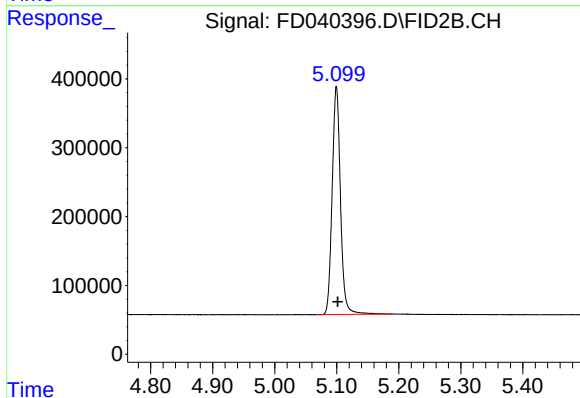
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Signal Info : 20M x 0.18mm x 0.18µm





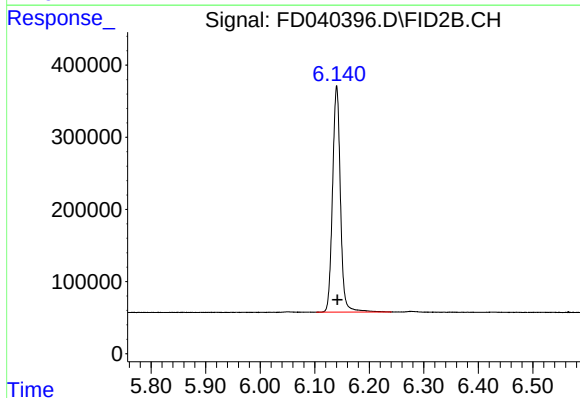
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 2942687
Conc: 19.02 ug/ml



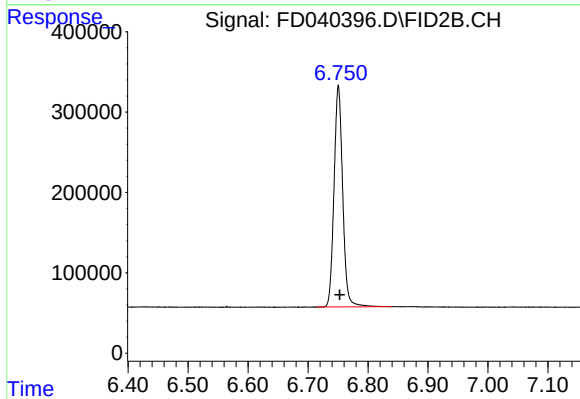
#2 Naphthalene (C11.7)

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 3086555
Conc: 19.29 ug/ml



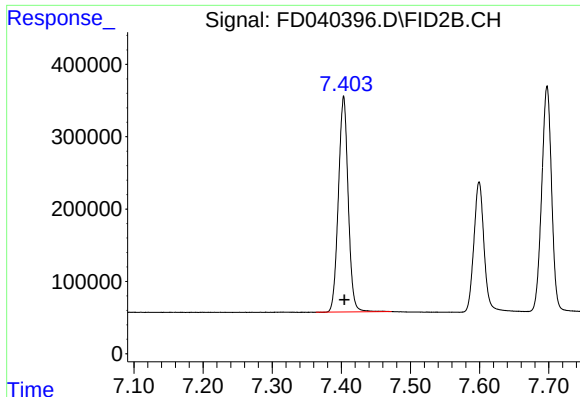
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 3154044
Conc: 19.43 ug/ml



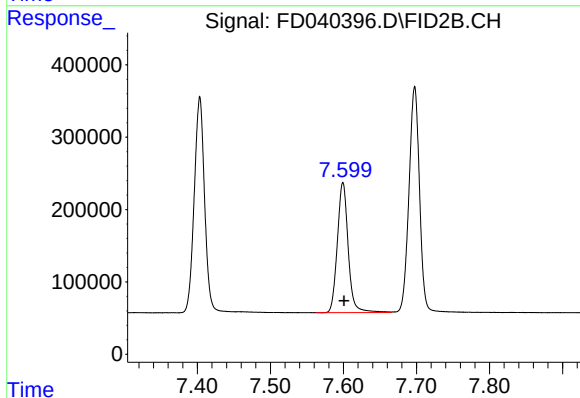
#4 2-Bromonaphthalene (SURR)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 2769853
Conc: 19.37 ug/ml



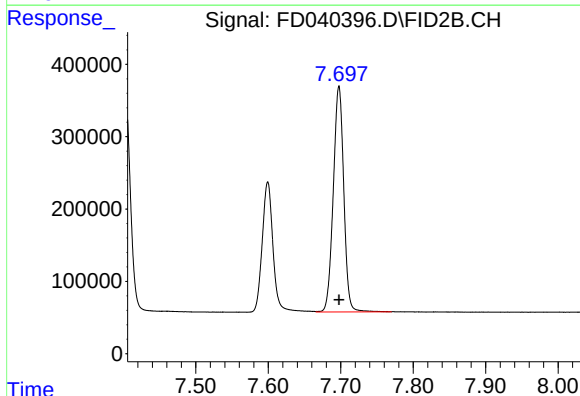
#5 Acenaphthylene (C15.06)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2930331
Conc: 19.49 ug/ml



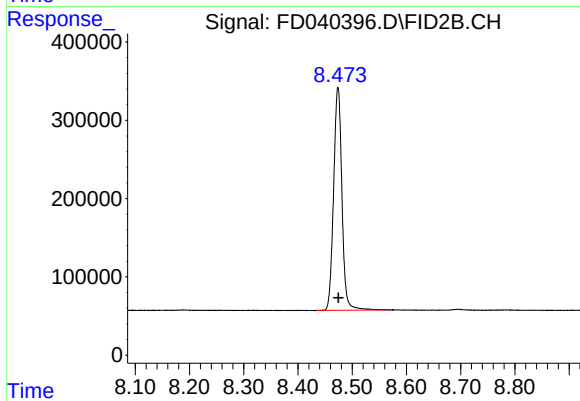
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 1858979
Conc: 19.52 ug/ml



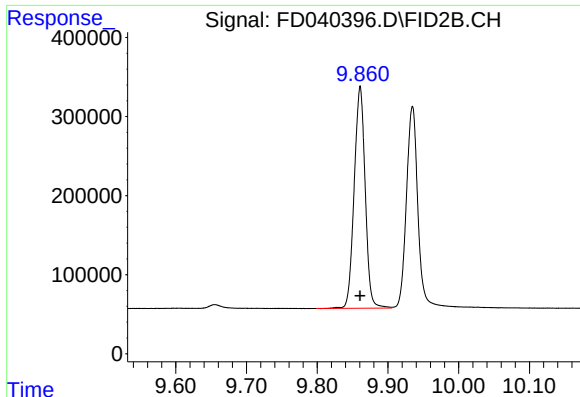
#7 Acenaphthene (C15.5)

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 3136718
Conc: 19.46 ug/ml



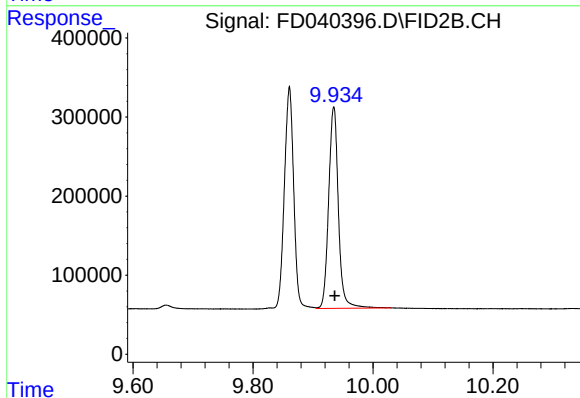
#8 Fluorene (C16.55)

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 3045233
Conc: 19.59 ug/ml



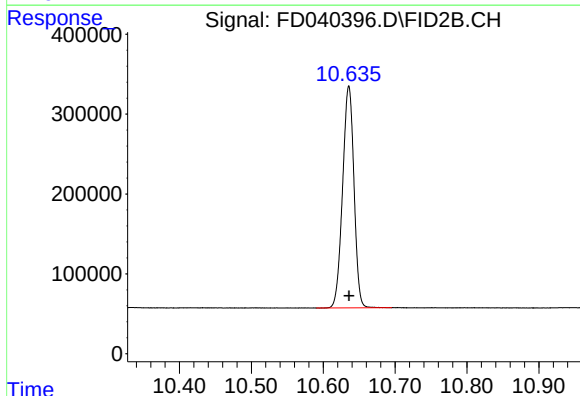
#9 Phenanthrene (C19.36)

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 3031052
Conc: 19.70 ug/ml



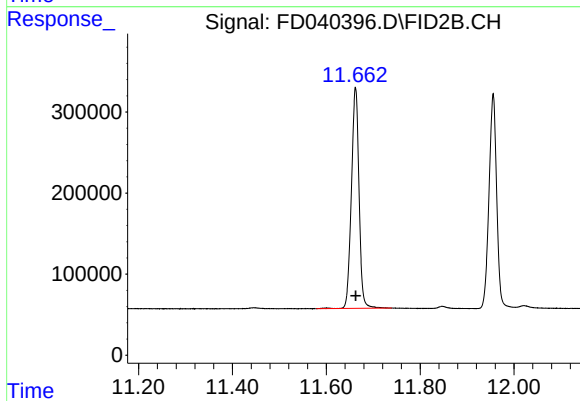
#10 Anthracene (C19.43)

R.T.: 9.935 min
Delta R.T.: -0.001 min
Response: 2871132
Conc: 19.65 ug/ml



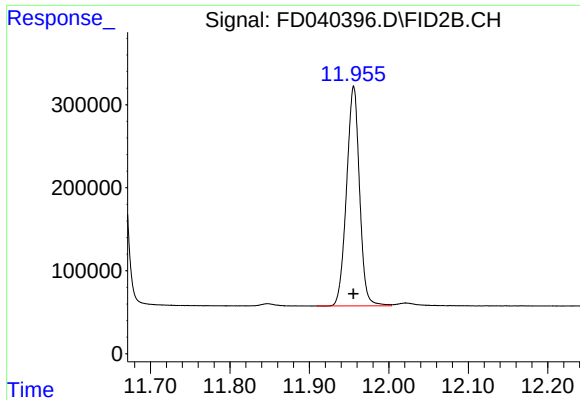
#11 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: 0.000 min
Response: 3053118
Conc: 19.54 ug/ml



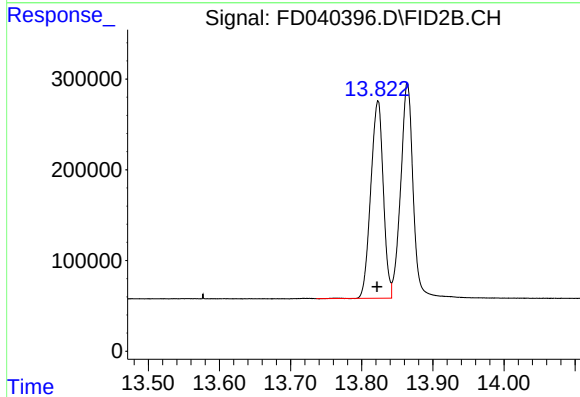
#12 Fluoranthene (C21.85)

R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 3071020
Conc: 19.78 ug/ml



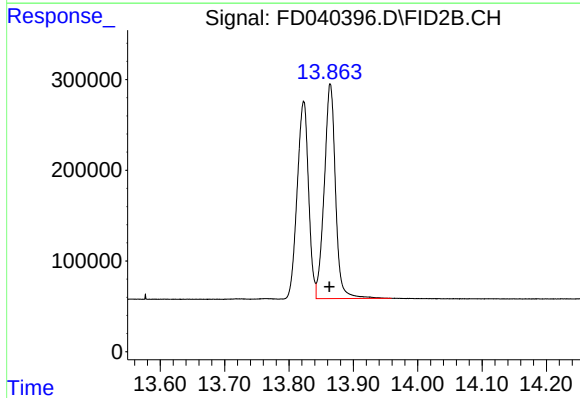
#13 Pyrene (C20.8)

R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 3006343
Conc: 19.92 ug/ml



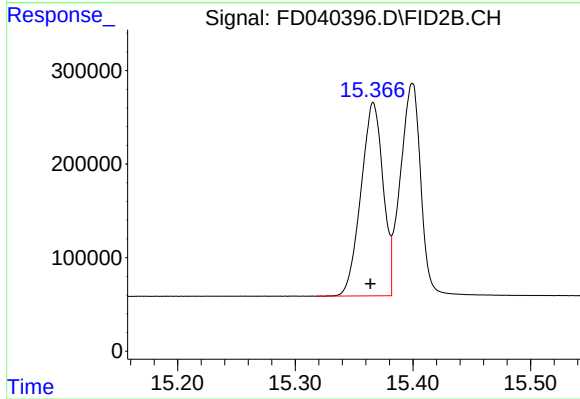
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.823 min
Delta R.T.: 0.001 min
Response: 2663294
Conc: 20.08 ug/ml



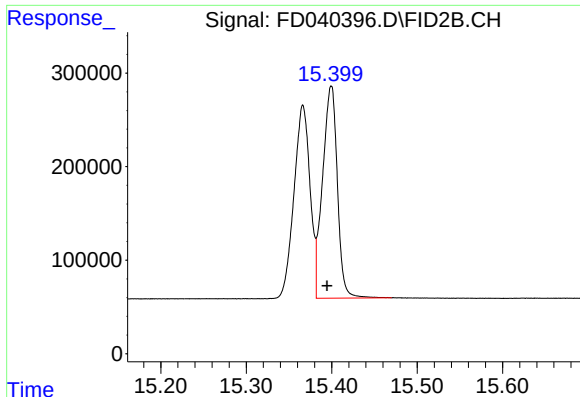
#15 Chrysene (C27.41)

R.T.: 13.864 min
Delta R.T.: 0.002 min
Response: 2889207
Conc: 19.76 ug/ml



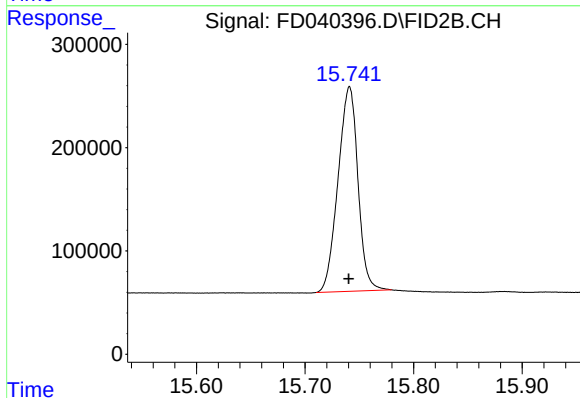
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.366 min
Delta R.T.: 0.002 min
Response: 2696152
Conc: 19.73 ug/ml



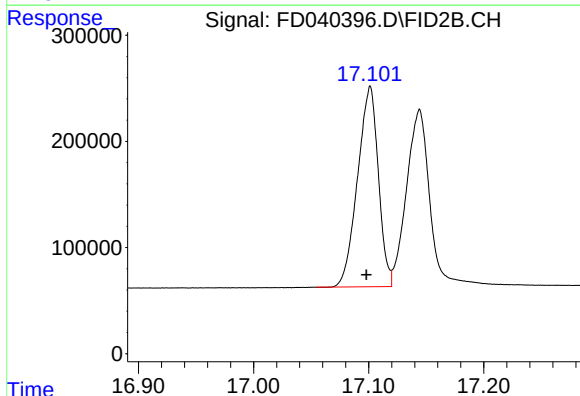
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.400 min
Delta R.T.: 0.005 min
Response: 2737340
Conc: 19.78 ug/ml



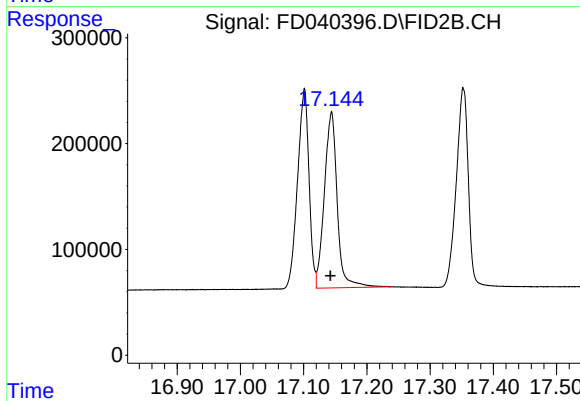
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 2525864
Conc: 19.38 ug/ml



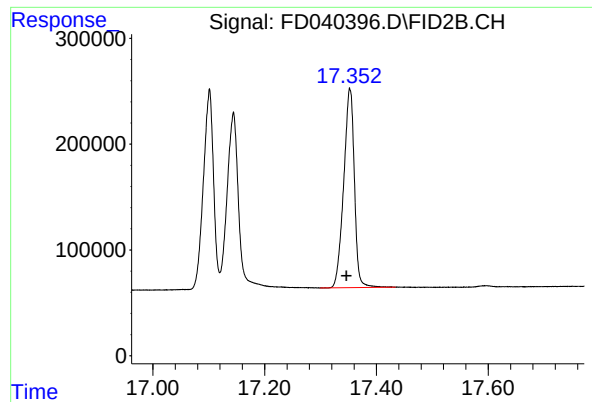
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.101 min
Delta R.T.: 0.003 min
Response: 2367398
Conc: 19.43 ug/ml



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

R.T.: 17.144 min
Delta R.T.: 0.002 min
Response: 2348755
Conc: 19.31 ug/ml



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

R.T.: 17.353 min
Delta R.T.: 0.006 min
Response: 2494833
Conc: 19.43 ug/ml