

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012722AR\
 Data File : FD040811.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jan 2022 16:31
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 01:54:56 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...	6.719	2710114	18.949 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
6) S 2-Fluorobiphenyl (SURR)	7.567	1781935	18.713 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.43%
11) S ortho-Terphenyl (SURR)	10.600	2893568	18.515 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.580	2995399	19.365 ug/ml
2) T Naphthalene (C11.7)	5.071	3091280	19.315 ug/ml
3) T 2-Methylnaphthalene (...)	6.110	3091951	19.048 ug/ml
5) T Acenaphthylene (C15.06)	7.371	2875742	19.131 ug/ml
7) T Acenaphthene (C15.5)	7.665	3071502	19.056 ug/ml
8) T Fluorene (C16.55)	8.441	2945169	18.948 ug/ml
9) T Phenanthrene (C19.36)	9.827	2870608	18.659 ug/ml
10) T Anthracene (C19.43)	9.901	2774307	18.989 ug/ml
12) T Fluoranthene (C21.85)	11.629	2844608	18.320 ug/ml
13) T Pyrene (C20.8)	11.984	62623	0.415 ug/ml
14) T Benzo[a]anthracene (C...	13.830	2786224	21.002 ug/ml
15) T Chrysene (C27.41)	13.830	2786224	19.053 ug/ml
16) T benzo[b]fluoranthene ...	15.365	2726487	19.953 ug/ml
17) T Bnezo[k]fluoranthene ...	15.365	2726487	19.697 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.708	2622990	20.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.112	2683092	22.019 ug/ml
20) T Dibenz[a,h]anthracene...	17.112	2683092	22.058 ug/ml
21) T Benzo[g,h,i]perylene ...	17.322	2648667	20.628 ug/ml

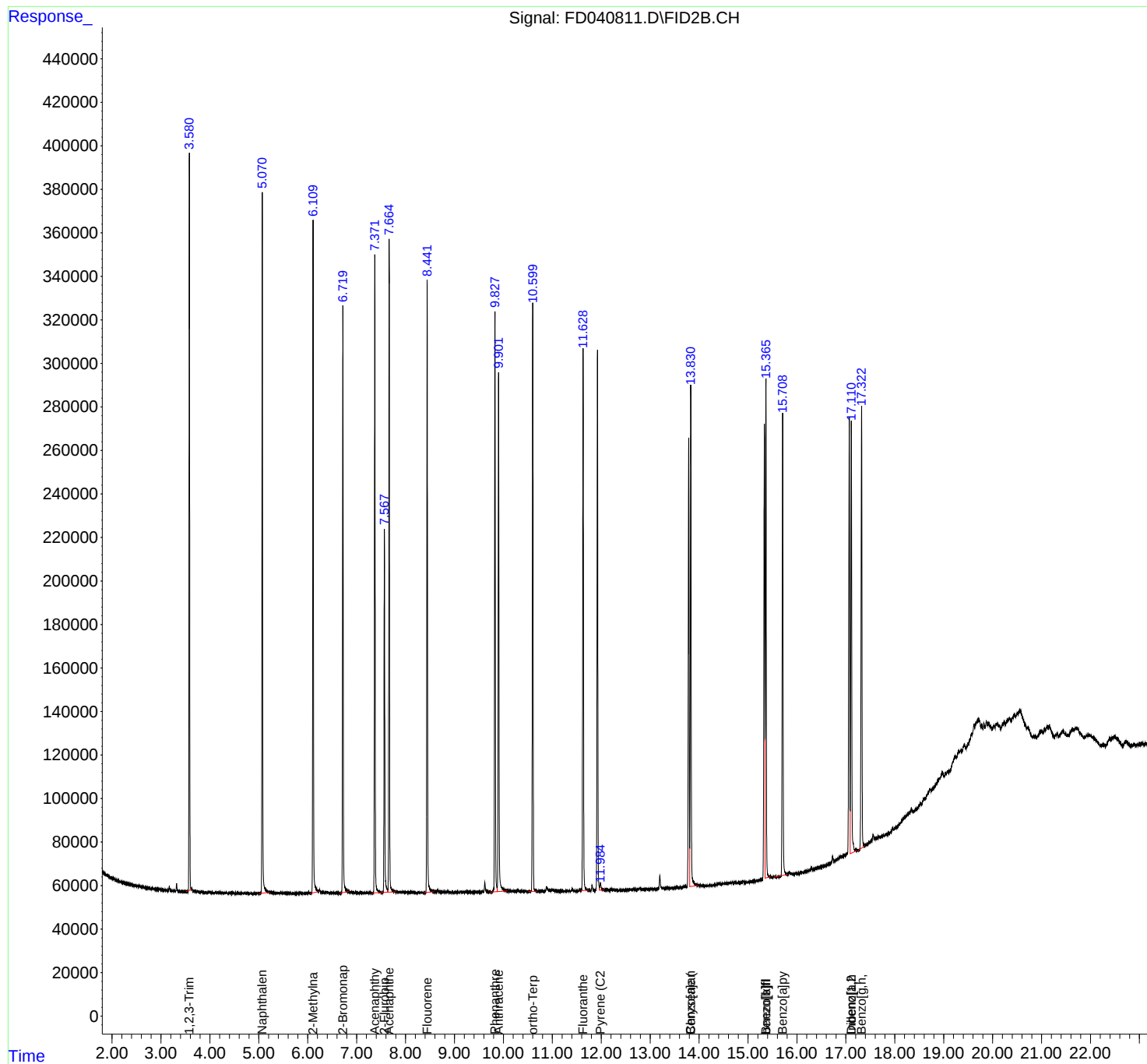
(f)=RT Delta > 1/2 Window

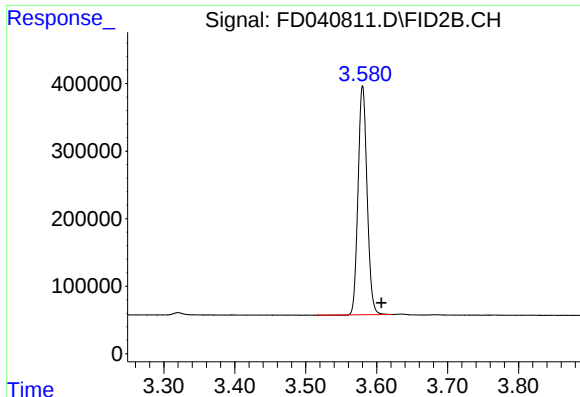
(m)=manual int.

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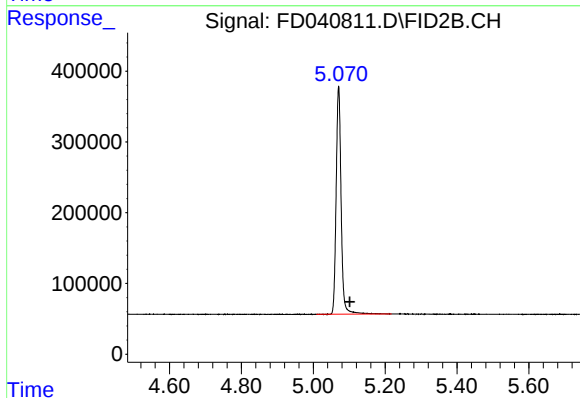
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





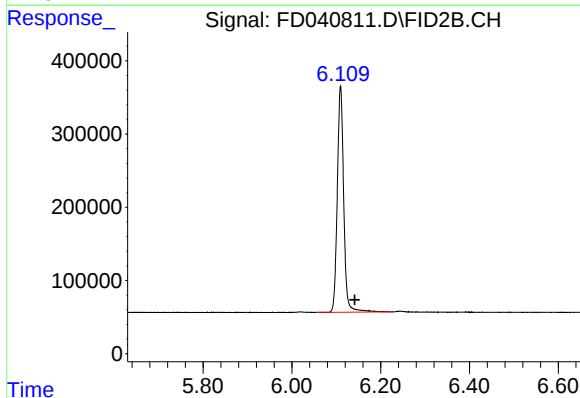
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.580 min
Delta R.T.: -0.027 min
Response: 2995399
Conc: 19.37 ug/ml



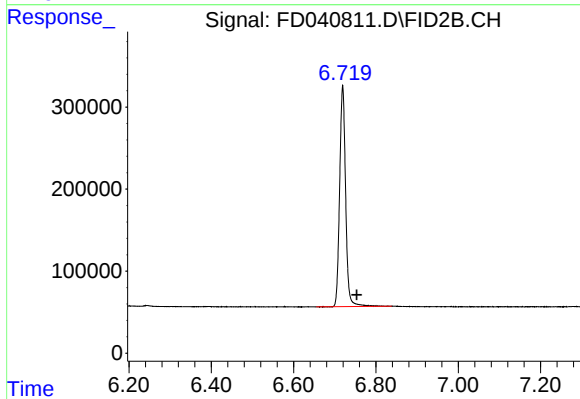
#2 Naphthalene (C11.7)

R.T.: 5.071 min
Delta R.T.: -0.031 min
Response: 3091280
Conc: 19.31 ug/ml



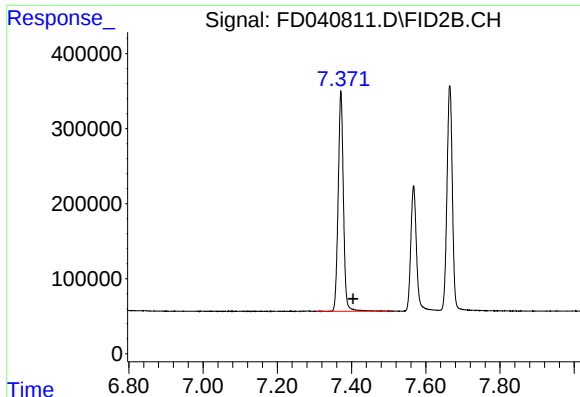
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.110 min
Delta R.T.: -0.032 min
Response: 3091951
Conc: 19.05 ug/ml



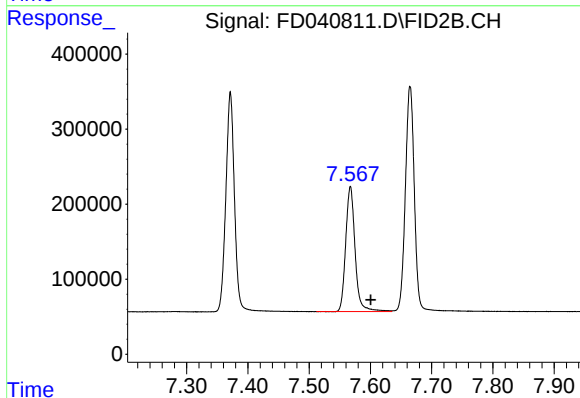
#4 2-Bromonaphthalene (SURR)

R.T.: 6.719 min
Delta R.T.: -0.034 min
Response: 2710114
Conc: 18.95 ug/ml



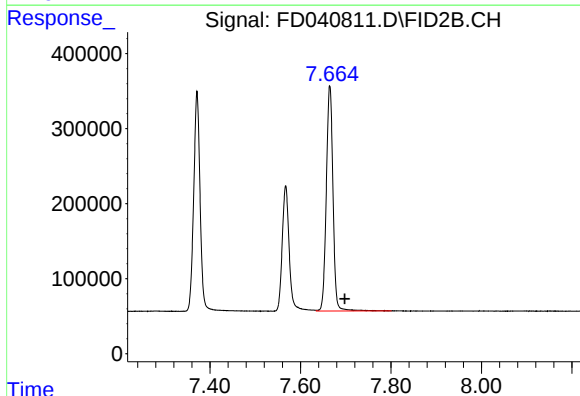
#5 Acenaphthylene (C15.06)

R.T.: 7.371 min
Delta R.T.: -0.033 min
Response: 2875742
Conc: 19.13 ug/ml



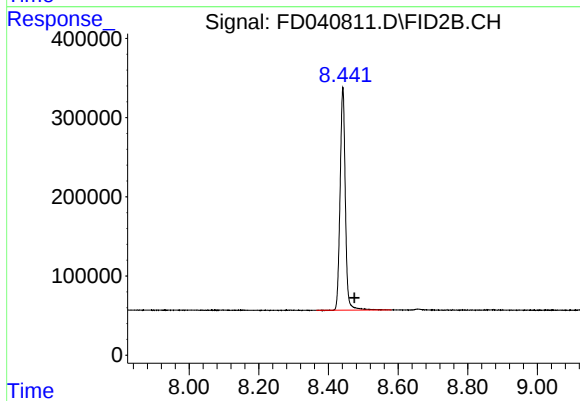
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.567 min
Delta R.T.: -0.033 min
Response: 1781935
Conc: 18.71 ug/ml



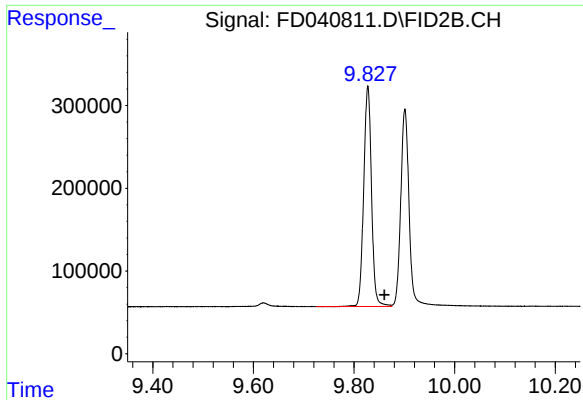
#7 Acenaphthene (C15.5)

R.T.: 7.665 min
Delta R.T.: -0.033 min
Response: 3071502
Conc: 19.06 ug/ml



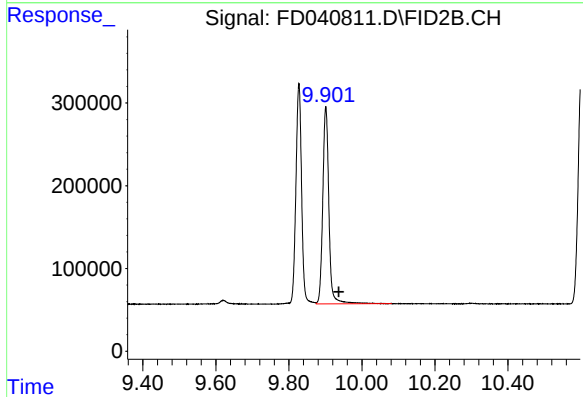
#8 Flouorene (C16.55)

R.T.: 8.441 min
Delta R.T.: -0.034 min
Response: 2945169
Conc: 18.95 ug/ml



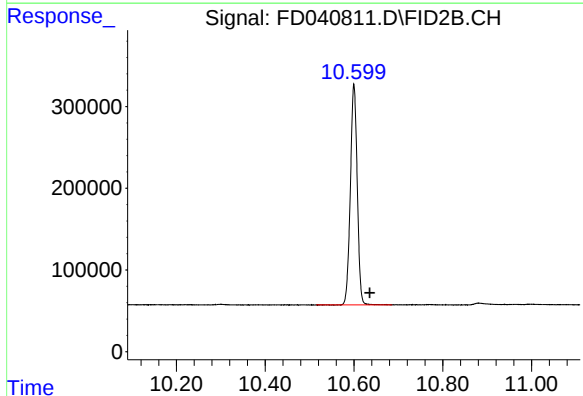
#9 Phenanthrene (C19.36)

R.T.: 9.827 min
Delta R.T.: -0.033 min
Response: 2870608
Conc: 18.66 ug/ml



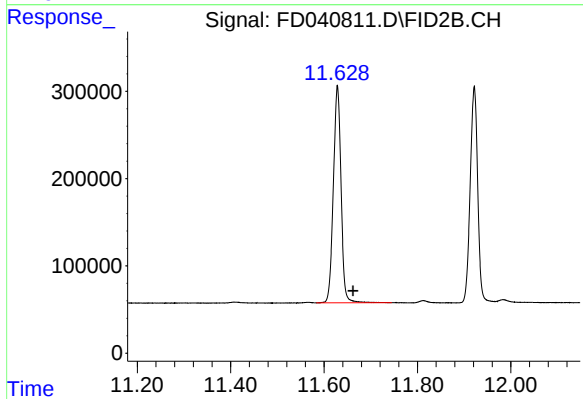
#10 Anthracene (C19.43)

R.T.: 9.901 min
Delta R.T.: -0.035 min
Response: 2774307
Conc: 18.99 ug/ml



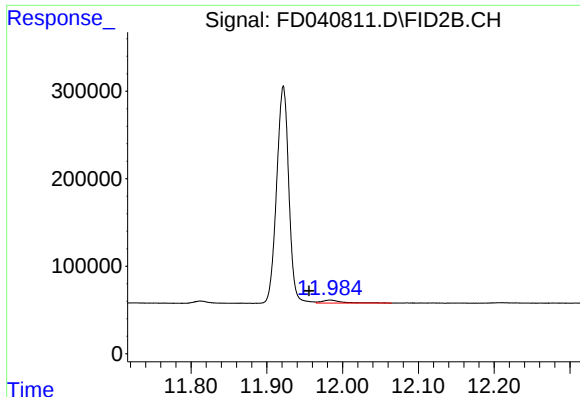
#11 ortho-Terphenyl (SURR)

R.T.: 10.600 min
Delta R.T.: -0.036 min
Response: 2893568
Conc: 18.52 ug/ml



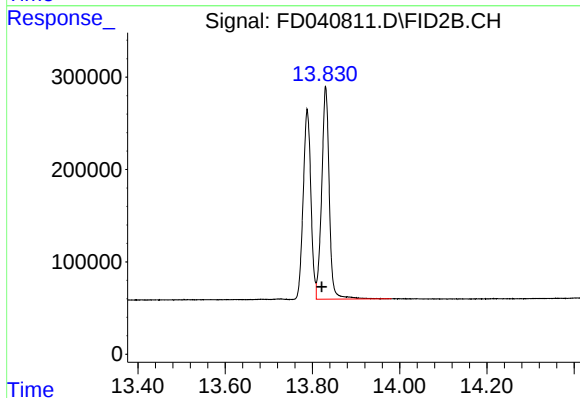
#12 Fluoranthene (C21.85)

R.T.: 11.629 min
Delta R.T.: -0.034 min
Response: 2844608
Conc: 18.32 ug/ml



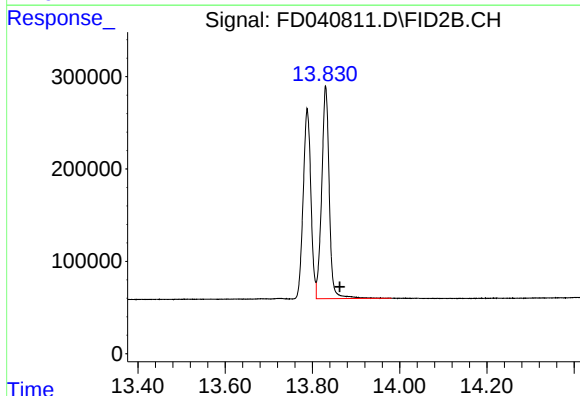
#13 Pyrene (C20.8)

R.T.: 11.984 min
Delta R.T.: 0.028 min
Response: 62623
Conc: 0.41 ug/ml



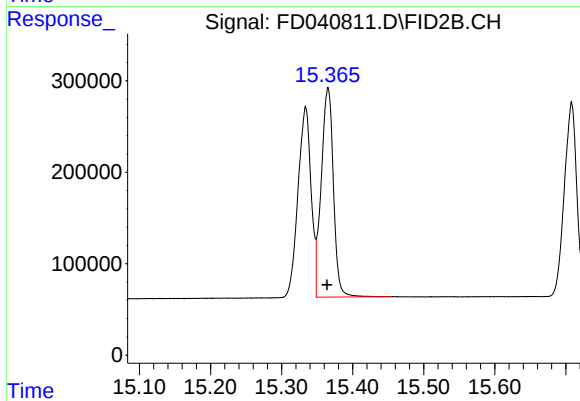
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.830 min
Delta R.T.: 0.009 min
Response: 2786224
Conc: 21.00 ug/ml



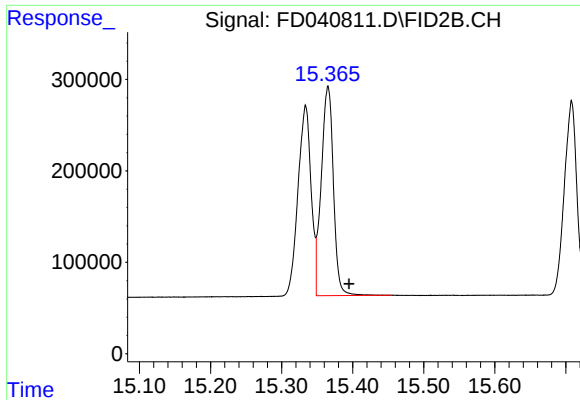
#15 Chrysene (C27.41)

R.T.: 13.830 min
Delta R.T.: -0.032 min
Response: 2786224
Conc: 19.05 ug/ml



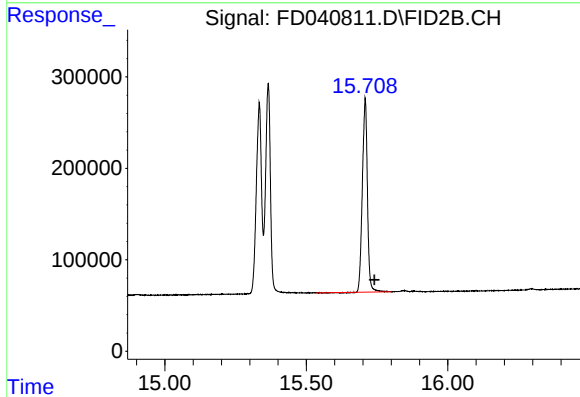
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.365 min
Delta R.T.: 0.001 min
Response: 2726487
Conc: 19.95 ug/ml



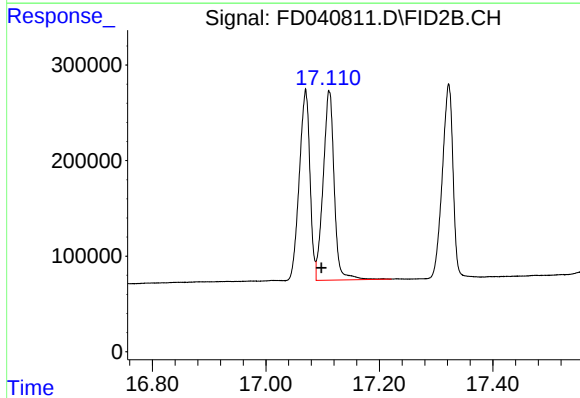
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.365 min
Delta R.T.: -0.030 min
Response: 2726487
Conc: 19.70 ug/ml



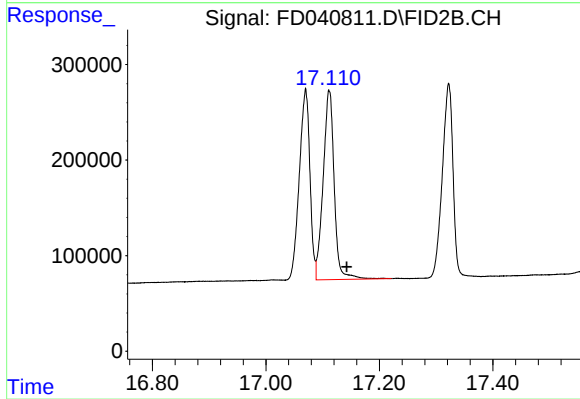
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.708 min
Delta R.T.: -0.032 min
Response: 2622990
Conc: 20.12 ug/ml



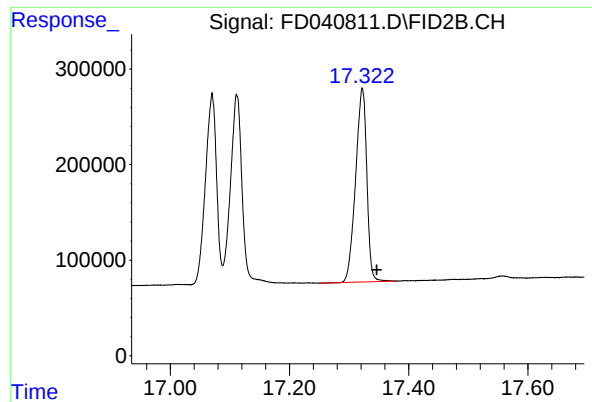
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.112 min
Delta R.T.: 0.014 min
Response: 2683092
Conc: 22.02 ug/ml



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

R.T.: 17.112 min
Delta R.T.: -0.031 min
Response: 2683092
Conc: 22.06 ug/ml



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

R.T.: 17.322 min
Delta R.T.: -0.024 min
Response: 2648667
Conc: 20.63 ug/ml