

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012522AR\
 Data File : FD040768.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2022 10:28
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 10:58:56 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...	6.731	2815134	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
6) S 2-Fluorobiphenyl (SURR)	7.580	1864487	19.580 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.16%
11) S ortho-Terphenyl (SURR)	10.613	3002554	19.213 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.591	3117271	20.153 ug/ml
2) T Naphthalene (C11.7)	5.082	3240112	20.245 ug/ml
3) T 2-Methylnaphthalene (...)	6.122	3233880	19.922 ug/ml
5) T Acenaphthylene (C15.06)	7.384	2945905	19.597 ug/ml
7) T Acenaphthene (C15.5)	7.678	3190477	19.794 ug/ml
8) T Fluorene (C16.55)	8.454	3073088	19.771 ug/ml
9) T Phenanthrene (C19.36)	9.840	2979052	19.364 ug/ml
10) T Anthracene (C19.43)	9.914	2358446	16.143 ug/ml
12) T Fluoranthene (C21.85)	11.642	2998226	19.309 ug/ml
13) T Pyrene (C20.8)	11.936	2875361	19.049 ug/ml
14) T Benzo[a]anthracene (C...	13.804	2595758	19.567 ug/ml
15) T Chrysene (C27.41)	13.845	2891969	19.776 ug/ml
16) T benzo[b]fluoranthene ...	15.349	2767486	20.253 ug/ml
17) T Bnezo[k]fluoranthene ...	15.381	2931391	21.177 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.724	2680810	20.566 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.085	2694246	22.110 ug/ml
20) T Dibenz[a,h]anthracene...	17.127	2699610	22.194 ug/ml
21) T Benzo[g,h,i]perylene ...	17.337	2756585	21.468 ug/ml

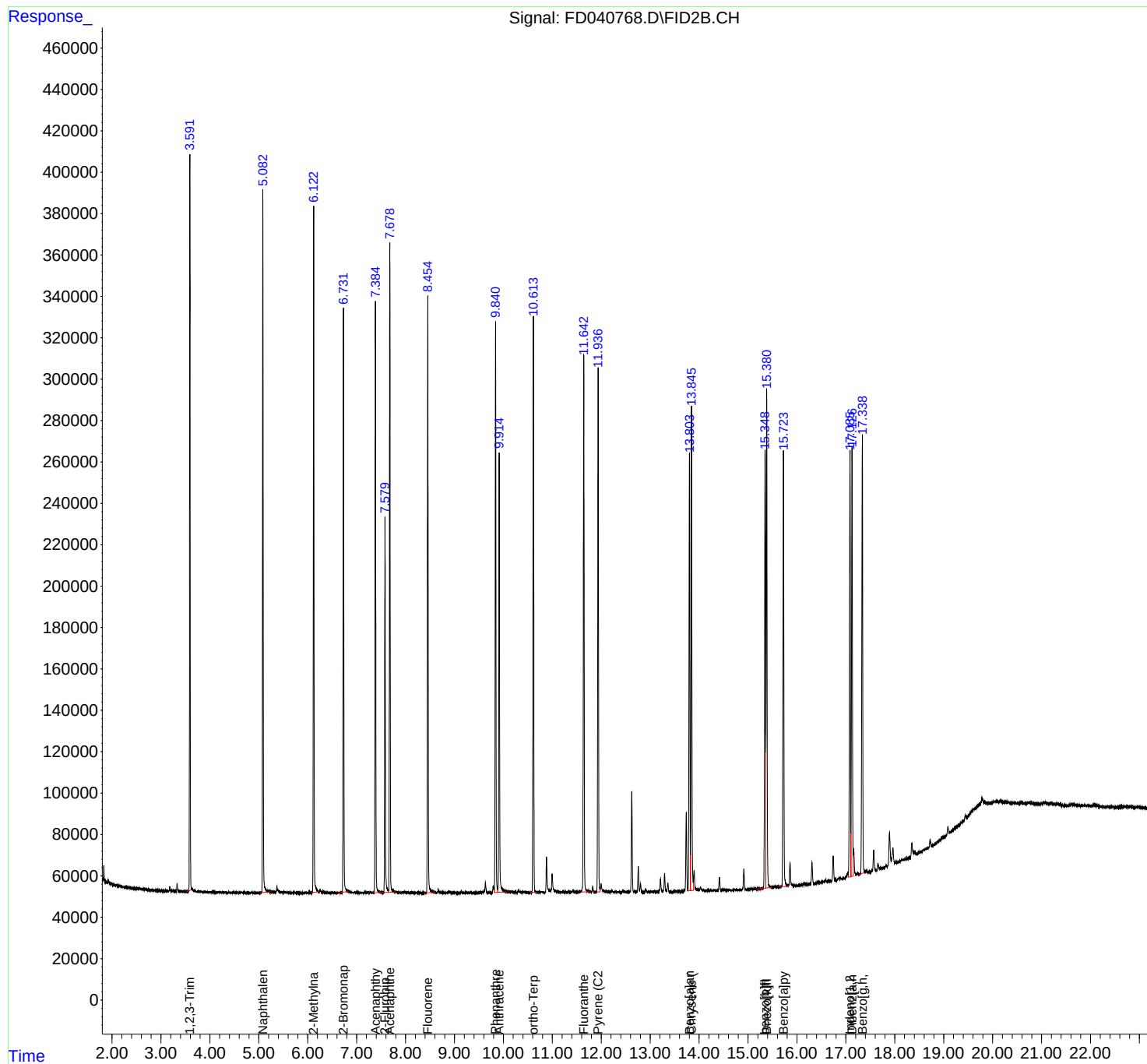
(f)=RT Delta > 1/2 Window

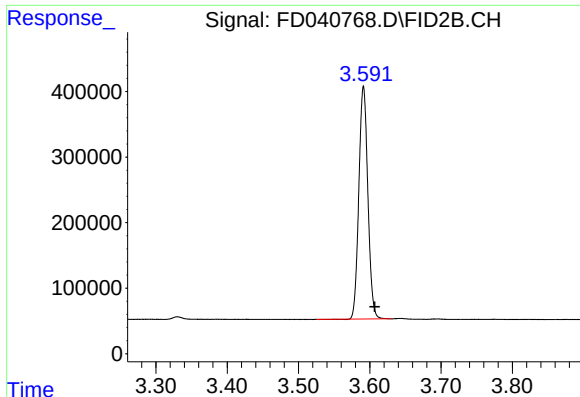
(m)=manual int.

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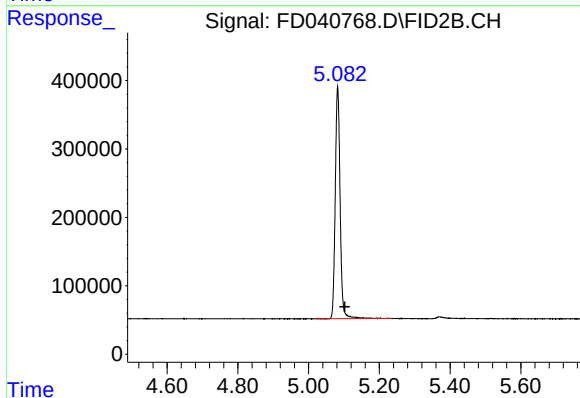
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





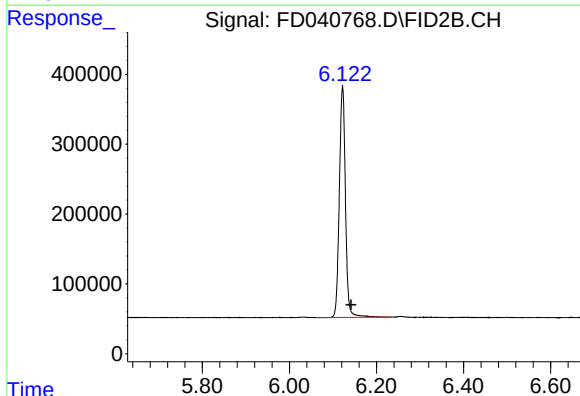
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.591 min
Delta R.T.: -0.016 min
Response: 3117271
Conc: 20.15 ug/ml



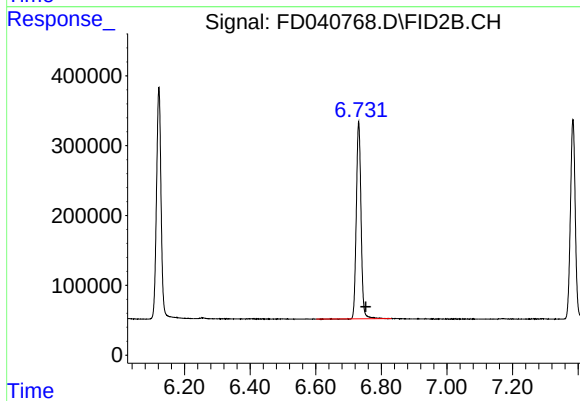
#2 Naphthalene (C11.7)

R.T.: 5.082 min
Delta R.T.: -0.020 min
Response: 3240112
Conc: 20.24 ug/ml



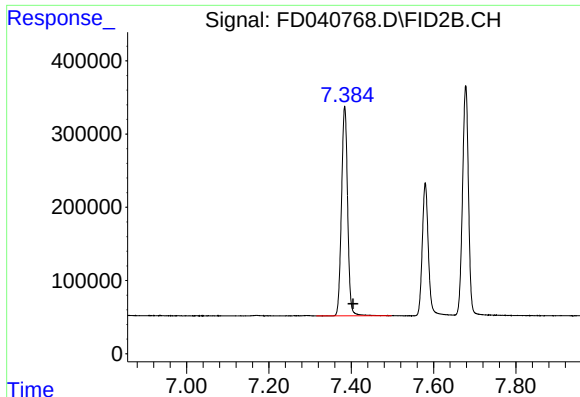
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.122 min
Delta R.T.: -0.020 min
Response: 3233880
Conc: 19.92 ug/ml



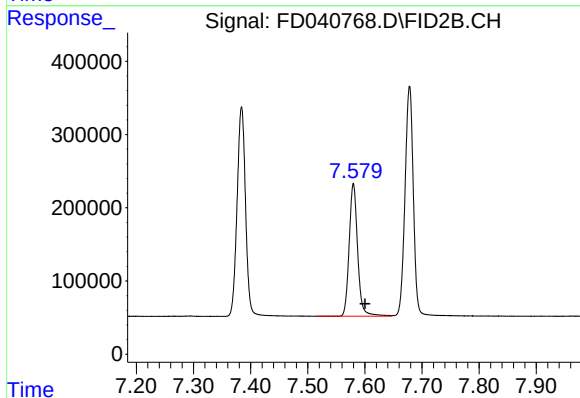
#4 2-Bromonaphthalene (SURR)

R.T.: 6.731 min
Delta R.T.: -0.022 min
Response: 2815134
Conc: 19.68 ug/ml



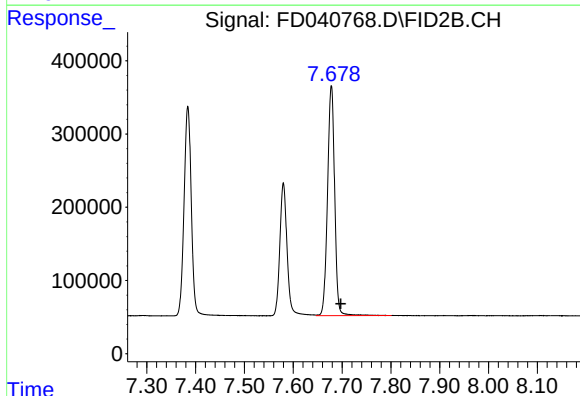
#5 Acenaphthylene (C15.06)

R.T.: 7.384 min
Delta R.T.: -0.020 min
Response: 2945905
Conc: 19.60 ug/ml



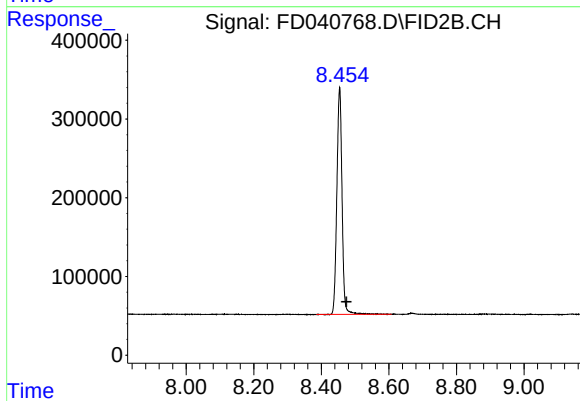
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.580 min
Delta R.T.: -0.021 min
Response: 1864487
Conc: 19.58 ug/ml



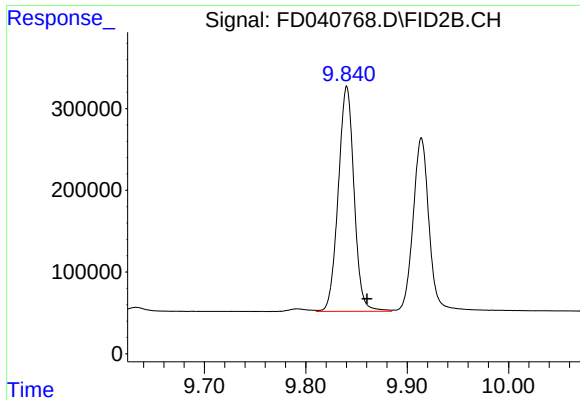
#7 Acenaphthene (C15.5)

R.T.: 7.678 min
Delta R.T.: -0.019 min
Response: 3190477
Conc: 19.79 ug/ml



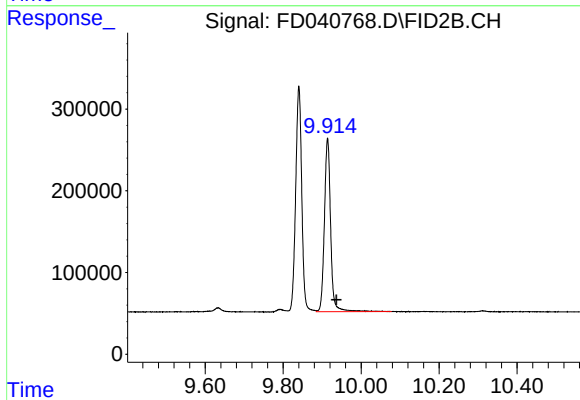
#8 Fluorene (C16.55)

R.T.: 8.454 min
Delta R.T.: -0.021 min
Response: 3073088
Conc: 19.77 ug/ml



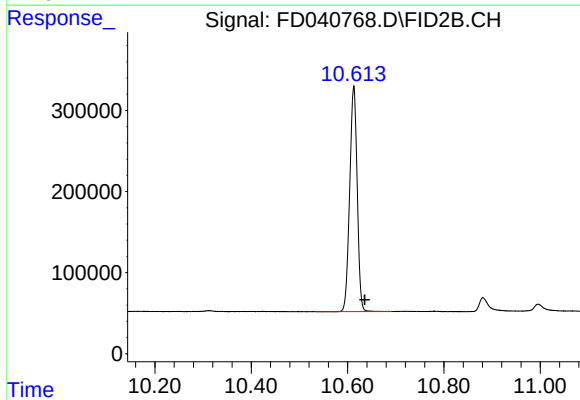
#9 Phenanthrene (C19.36)

R.T.: 9.840 min
Delta R.T.: -0.020 min
Response: 2979052
Conc: 19.36 ug/ml



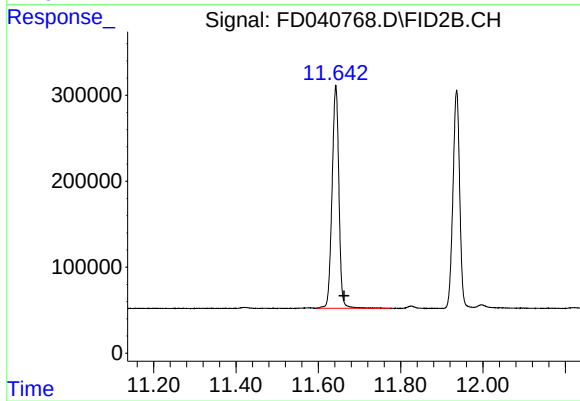
#10 Anthracene (C19.43)

R.T.: 9.914 min
Delta R.T.: -0.022 min
Response: 2358446
Conc: 16.14 ug/ml



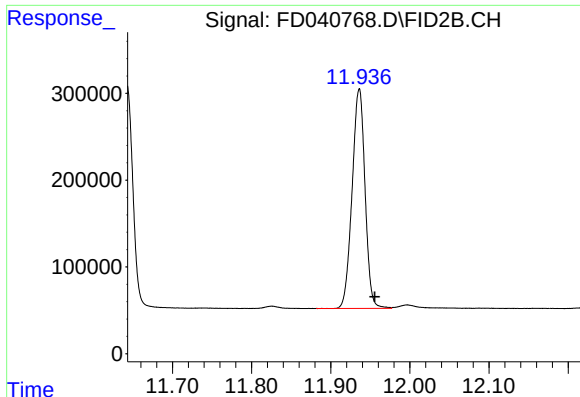
#11 ortho-Terphenyl (SURR)

R.T.: 10.613 min
Delta R.T.: -0.023 min
Response: 3002554
Conc: 19.21 ug/ml



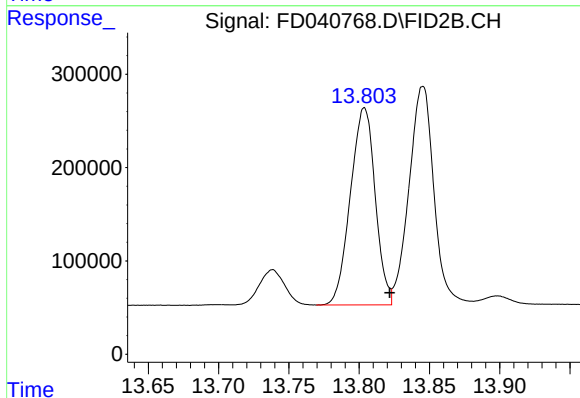
#12 Fluoranthene (C21.85)

R.T.: 11.642 min
Delta R.T.: -0.020 min
Response: 2998226
Conc: 19.31 ug/ml



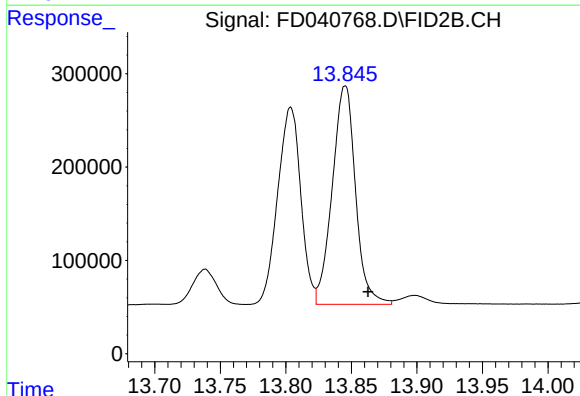
#13 Pyrene (C20.8)

R.T.: 11.936 min
Delta R.T.: -0.020 min
Response: 2875361
Conc: 19.05 ug/ml



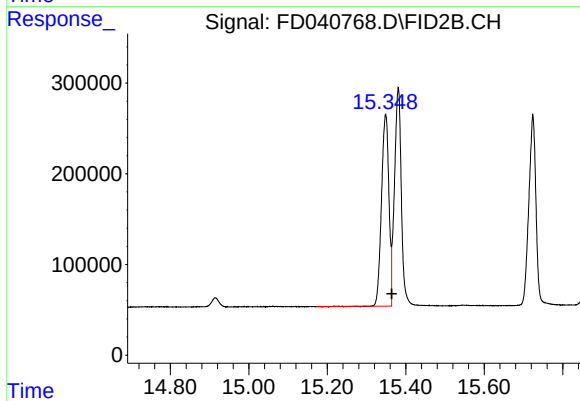
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.804 min
Delta R.T.: -0.018 min
Response: 2595758
Conc: 19.57 ug/ml



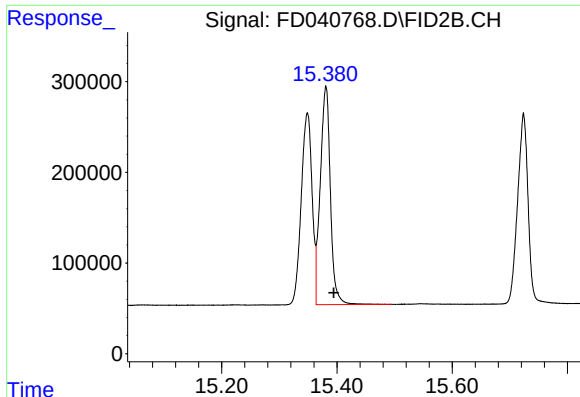
#15 Chrysene (C27.41)

R.T.: 13.845 min
Delta R.T.: -0.018 min
Response: 2891969
Conc: 19.78 ug/ml



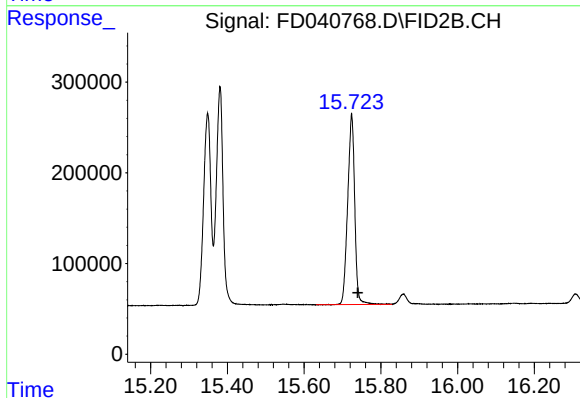
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.349 min
Delta R.T.: -0.015 min
Response: 2767486
Conc: 20.25 ug/ml



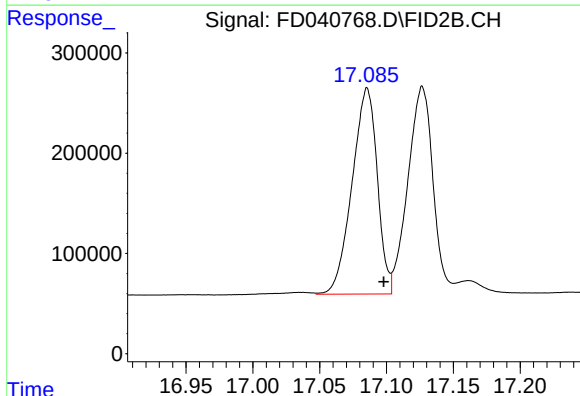
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.381 min
Delta R.T.: -0.014 min
Response: 2931391
Conc: 21.18 ug/ml



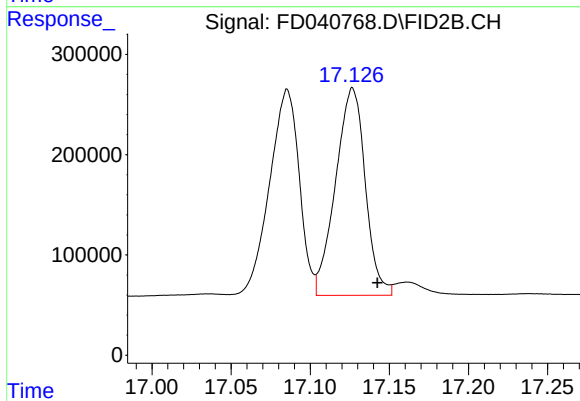
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.724 min
Delta R.T.: -0.016 min
Response: 2680810
Conc: 20.57 ug/ml



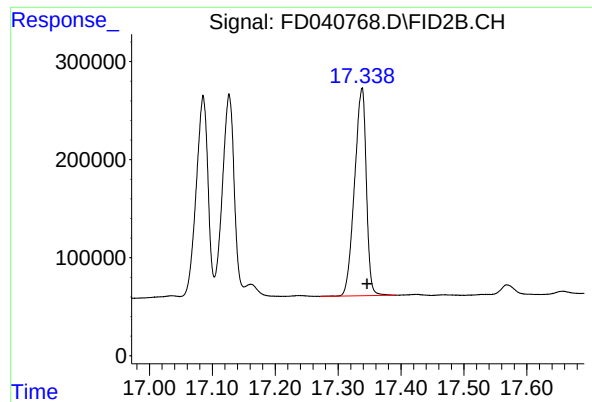
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.085 min
Delta R.T.: -0.013 min
Response: 2694246
Conc: 22.11 ug/ml



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

R.T.: 17.127 min
Delta R.T.: -0.016 min
Response: 2699610
Conc: 22.19 ug/ml



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

R.T.: 17.337 min
Delta R.T.: -0.009 min
Response: 2756585
Conc: 21.47 ug/ml