

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AR\
 Data File : FD040727.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 15:58
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 23:39:08 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...	6.729	2805112	19.613 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
6) S 2-Fluorobiphenyl (SURR)	7.577	1840959	19.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.67%
11) S ortho-Terphenyl (SURR)	10.609	2970083	19.005 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.590	3047379	19.701 ug/ml
2) T Naphthalene (C11.7)	5.081	3174028	19.832 ug/ml
3) T 2-Methylnaphthalene (...)	6.120	3182530	19.606 ug/ml
5) T Acenaphthylene (C15.06)	7.381	2916869	19.404 ug/ml
7) T Acenaphthene (C15.5)	7.675	3148363	19.533 ug/ml
8) T Fluorene (C16.55)	8.450	3032614	19.511 ug/ml
9) T Phenanthrene (C19.36)	9.836	2942478	19.126 ug/ml
10) T Anthracene (C19.43)	9.910	2368813	16.214 ug/ml
12) T Fluoranthene (C21.85)	11.637	2949075	18.993 ug/ml
13) T Pyrene (C20.8)	11.929	2846608	18.859 ug/ml
14) T Benzo[a]anthracene (C...	13.837	2864518	21.592 ug/ml
15) T Chrysene (C27.41)	13.837	2864518	19.588 ug/ml
16) T benzo[b]fluoranthene ...	15.372	2885237	21.115 ug/ml
17) T Bnezo[k]fluoranthene ...	15.372	2885237	20.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.714	2640722	20.258 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.117	2817106	23.119 ug/ml
20) T Dibenz[a,h]anthracene...	17.117	2817106	23.160 ug/ml
21) T Benzo[g,h,i]perylene ...	17.327	2715757	21.150 ug/ml

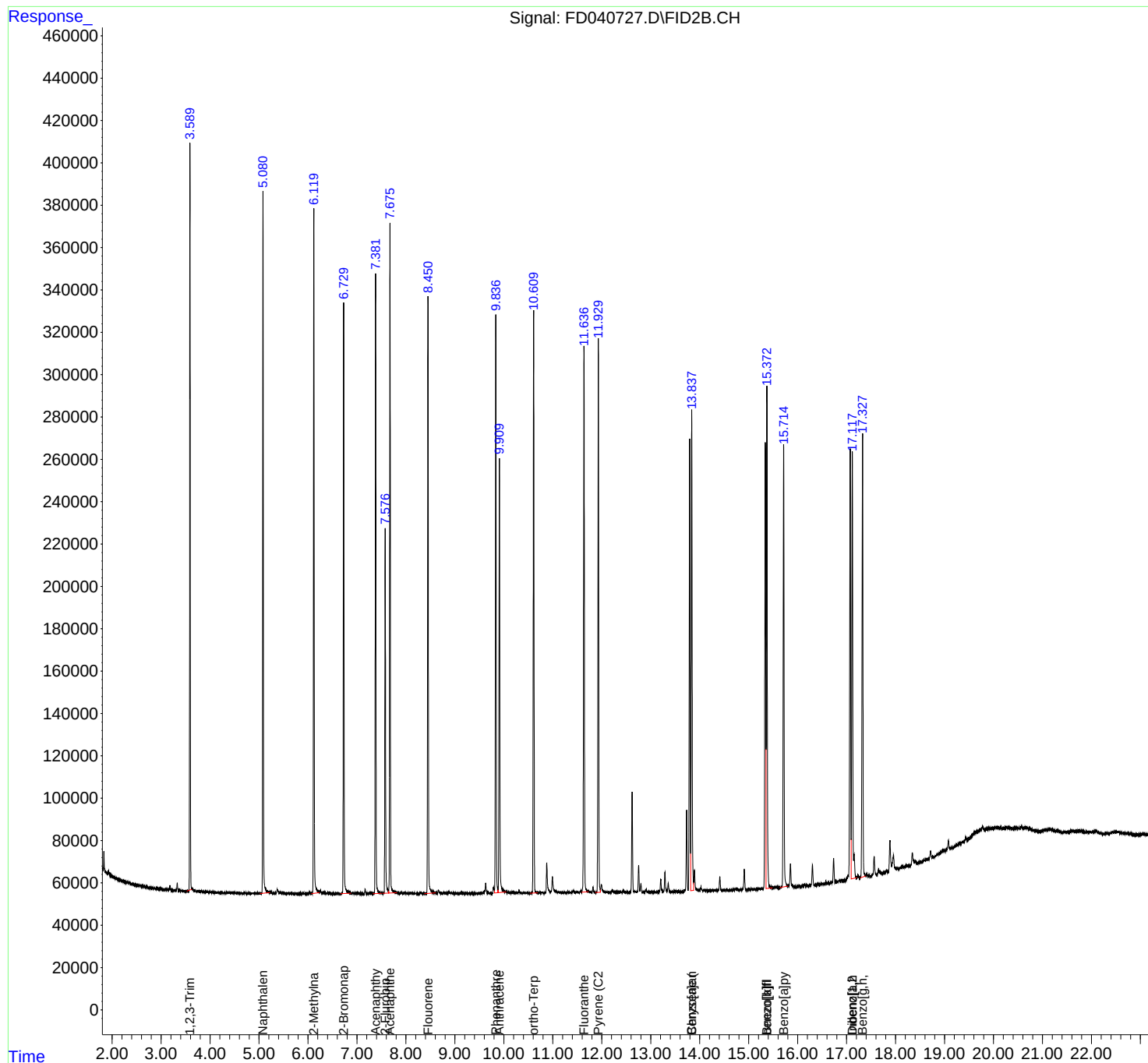
(f)=RT Delta > 1/2 Window

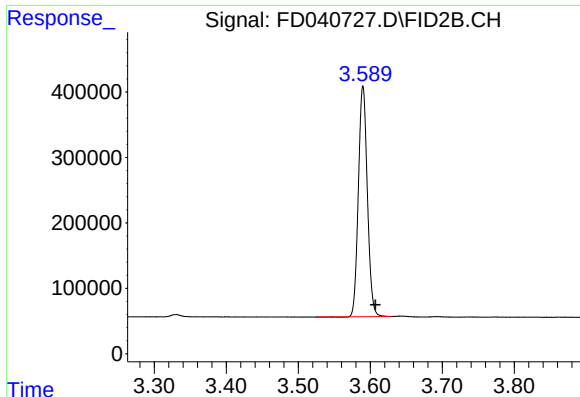
(m)=manual int.

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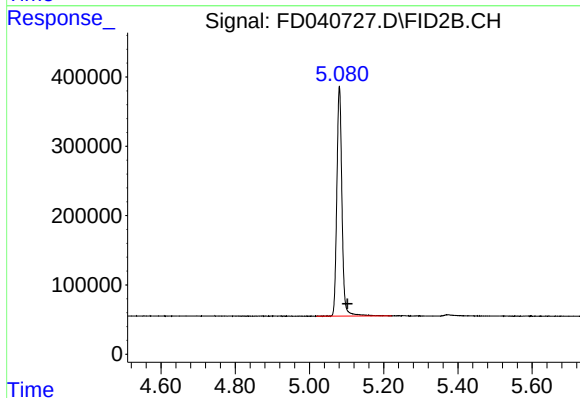
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





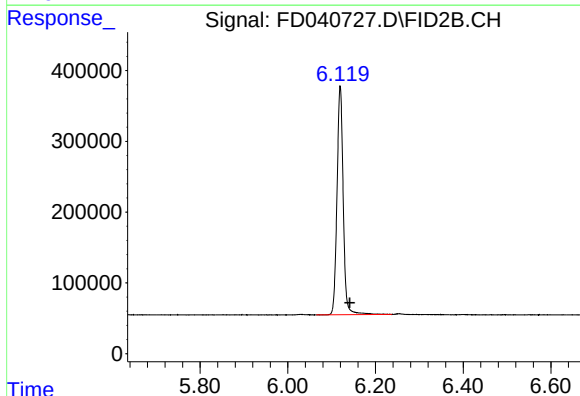
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.590 min
Delta R.T.: -0.017 min
Response: 3047379
Conc: 19.70 ug/ml



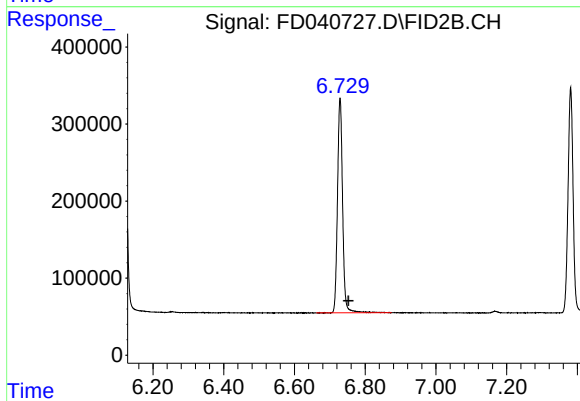
#2 Naphthalene (C11.7)

R.T.: 5.081 min
Delta R.T.: -0.021 min
Response: 3174028
Conc: 19.83 ug/ml



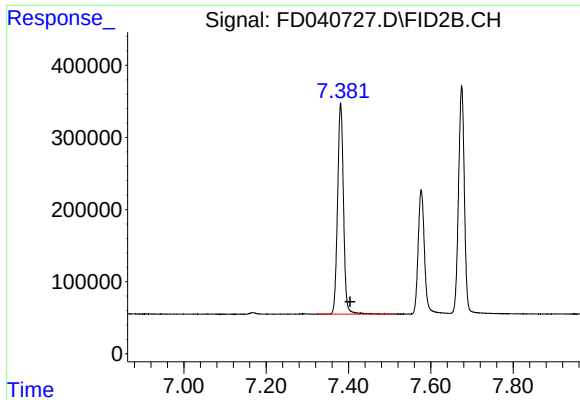
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.022 min
Response: 3182530
Conc: 19.61 ug/ml



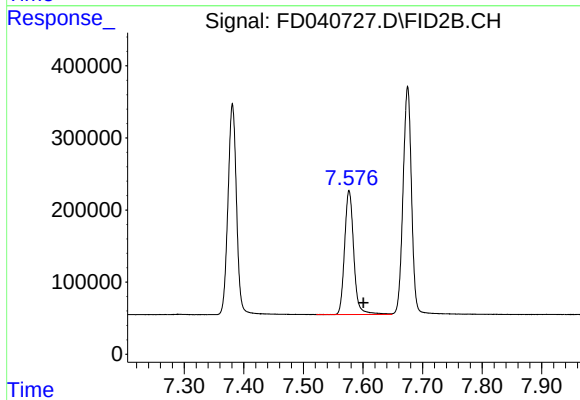
#4 2-Bromonaphthalene (SURR)

R.T.: 6.729 min
Delta R.T.: -0.024 min
Response: 2805112
Conc: 19.61 ug/ml



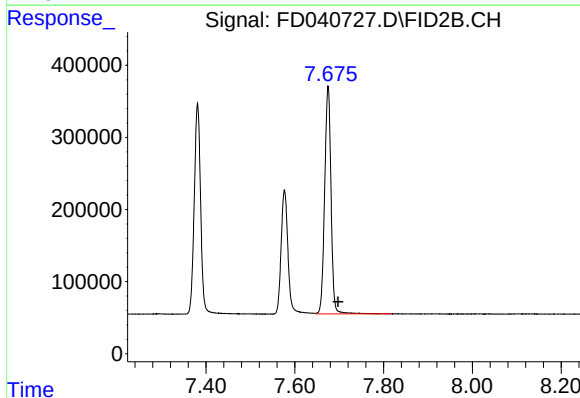
#5 Acenaphthylene (C15.06)

R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 2916869
Conc: 19.40 ug/ml



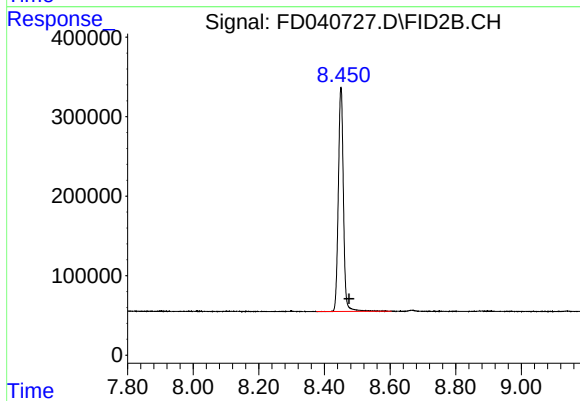
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.577 min
Delta R.T.: -0.024 min
Response: 1840959
Conc: 19.33 ug/ml



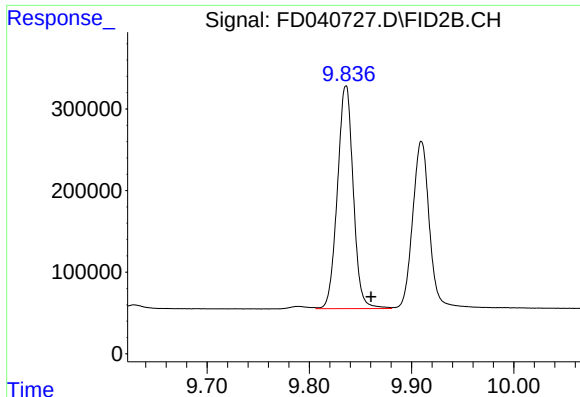
#7 Acenaphthene (C15.5)

R.T.: 7.675 min
Delta R.T.: -0.023 min
Response: 3148363
Conc: 19.53 ug/ml



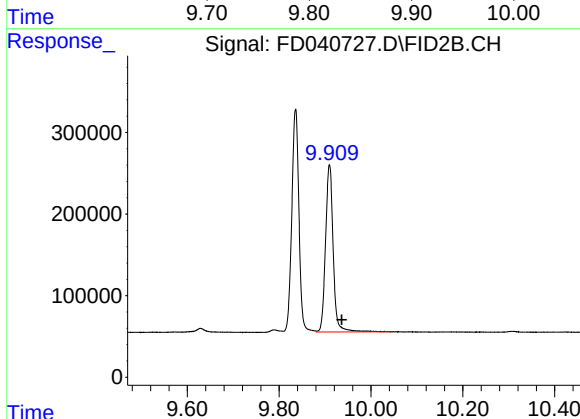
#8 Flouorene (C16.55)

R.T.: 8.450 min
Delta R.T.: -0.024 min
Response: 3032614
Conc: 19.51 ug/ml



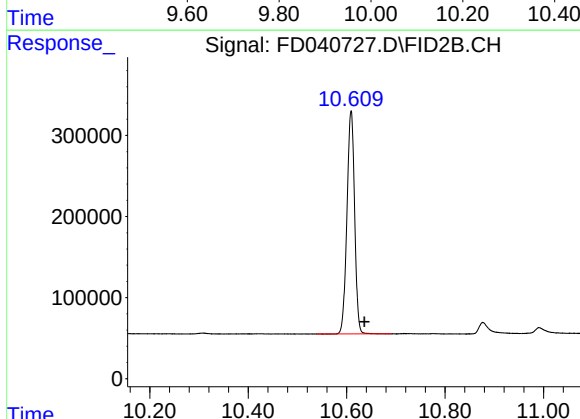
#9 Phenanthrene (C19.36)

R.T.: 9.836 min
Delta R.T.: -0.025 min
Response: 2942478
Conc: 19.13 ug/ml



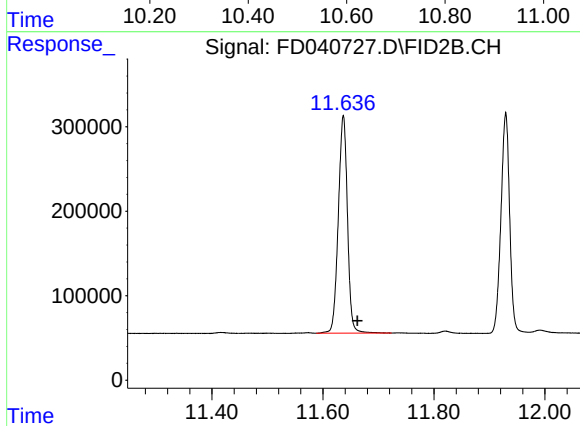
#10 Anthracene (C19.43)

R.T.: 9.910 min
Delta R.T.: -0.027 min
Response: 2368813
Conc: 16.21 ug/ml



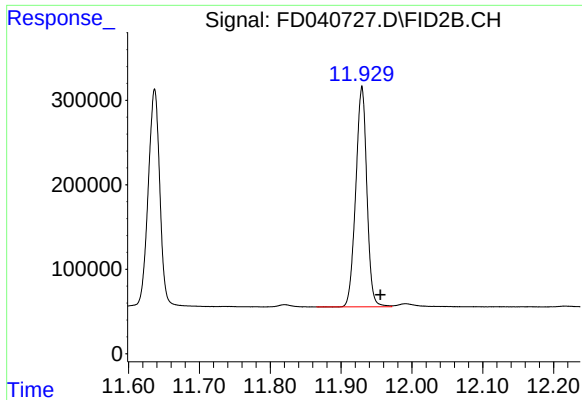
#11 ortho-Terphenyl (SURR)

R.T.: 10.609 min
Delta R.T.: -0.027 min
Response: 2970083
Conc: 19.00 ug/ml



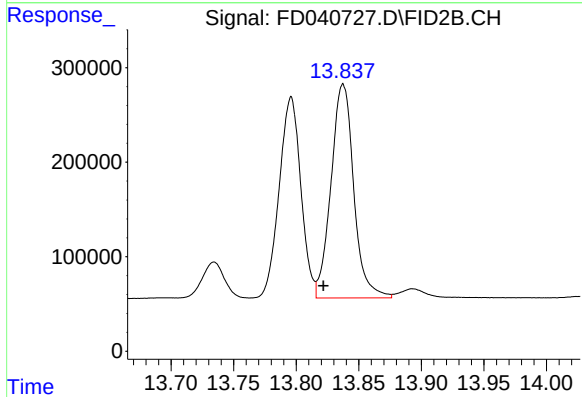
#12 Fluoranthene (C21.85)

R.T.: 11.637 min
Delta R.T.: -0.026 min
Response: 2949075
Conc: 18.99 ug/ml



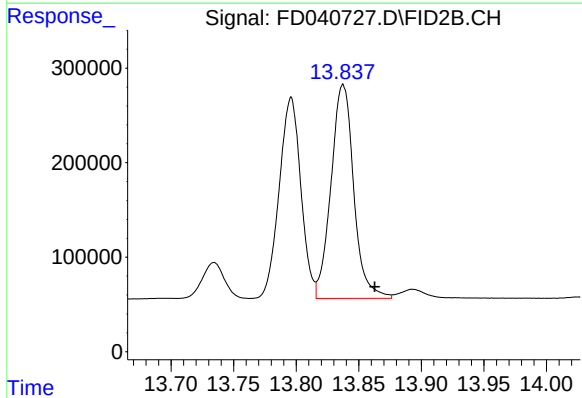
#13 Pyrene (C20.8)

R.T.: 11.929 min
Delta R.T.: -0.026 min
Response: 2846608
Conc: 18.86 ug/ml



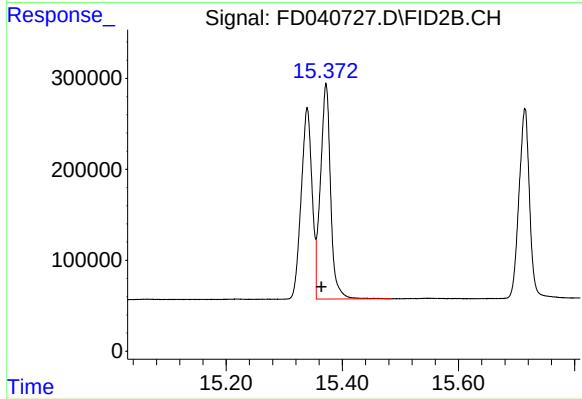
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.837 min
Delta R.T.: 0.016 min
Response: 2864518
Conc: 21.59 ug/ml



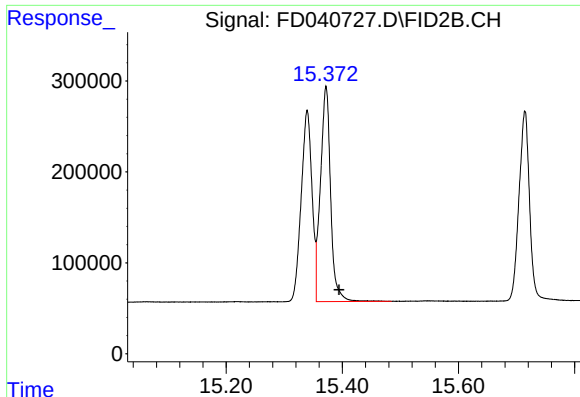
#15 Chrysene (C27.41)

R.T.: 13.837 min
Delta R.T.: -0.025 min
Response: 2864518
Conc: 19.59 ug/ml



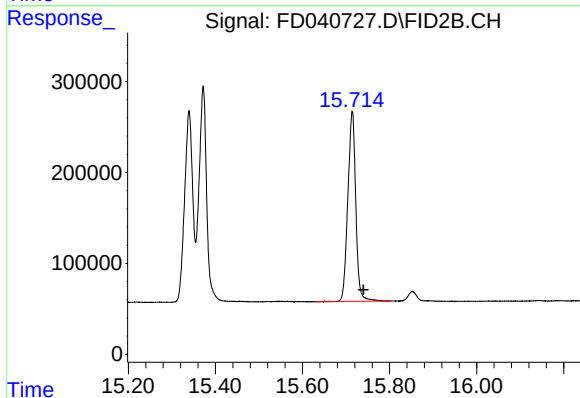
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.372 min
Delta R.T.: 0.008 min
Response: 2885237
Conc: 21.12 ug/ml



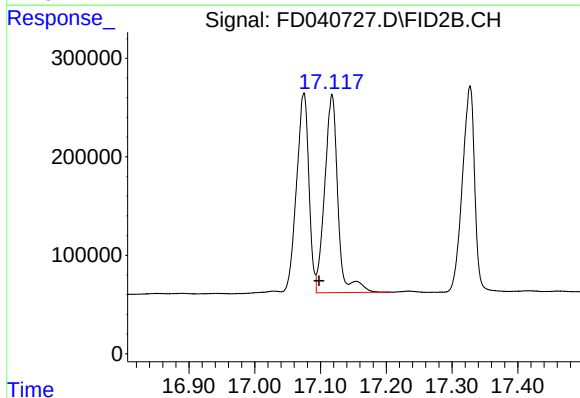
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.372 min
Delta R.T.: -0.023 min
Response: 2885237
Conc: 20.84 ug/ml



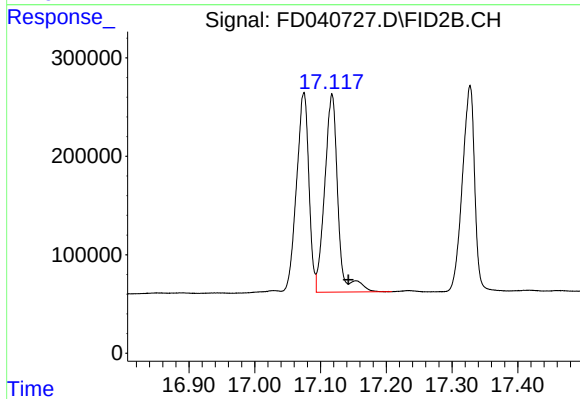
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.714 min
Delta R.T.: -0.026 min
Response: 2640722
Conc: 20.26 ug/ml



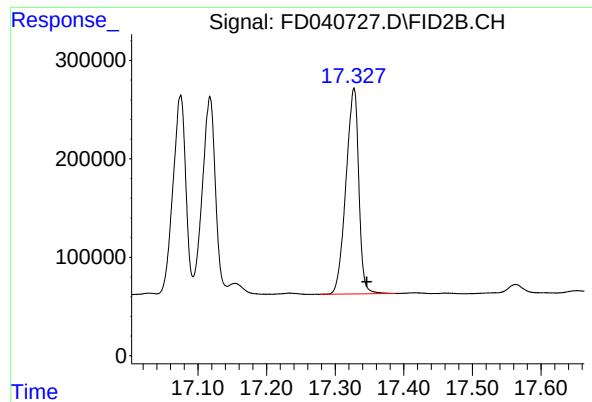
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.117 min
Delta R.T.: 0.019 min
Response: 2817106
Conc: 23.12 ug/ml



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

R.T.: 17.117 min
Delta R.T.: -0.025 min
Response: 2817106
Conc: 23.16 ug/ml



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

R.T.: 17.327 min
Delta R.T.: -0.019 min
Response: 2715757
Conc: 21.15 ug/ml