

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AR\
 Data File : FD040777.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 10:55
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 01:48:46 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...	6.726	2900484	20.280 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
6) S 2-Fluorobiphenyl (SURR)	7.575	1909074	20.049 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.10%
11) S ortho-Terphenyl (SURR)	10.607	3101550	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.588	3167392	20.477 ug/ml
2) T Naphthalene (C11.7)	5.078	3302370	20.634 ug/ml
3) T 2-Methylnaphthalene (...)	6.117	3298884	20.323 ug/ml
5) T Acenaphthylene (C15.06)	7.378	3017568	20.074 ug/ml
7) T Acenaphthene (C15.5)	7.672	3279866	20.349 ug/ml
8) T Fluorene (C16.55)	8.448	3148044	20.254 ug/ml
9) T Phenanthrene (C19.36)	9.834	3062482	19.906 ug/ml
10) T Anthracene (C19.43)	9.907	2370036	16.222 ug/ml
12) T Fluoranthene (C21.85)	11.634	3097189	19.946 ug/ml
13) T Pyrene (C20.8)	11.928	2956322	19.585 ug/ml
14) T Benzo[a]anthracene (C...	13.836	2989904	22.538 ug/ml
15) T Chrysene (C27.41)	13.836	2989904	20.446 ug/ml
16) T benzo[b]fluoranthene ...	15.371	3063667	22.421 ug/ml
17) T Bnezo[k]fluoranthene ...	15.371	3063667	22.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.713	2734706	20.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.116	2731476	22.416 ug/ml
20) T Dibenz[a,h]anthracene...	17.152	233240	1.917 ug/ml
21) T Benzo[g,h,i]perylene ...	17.326	2826434	22.012 ug/ml

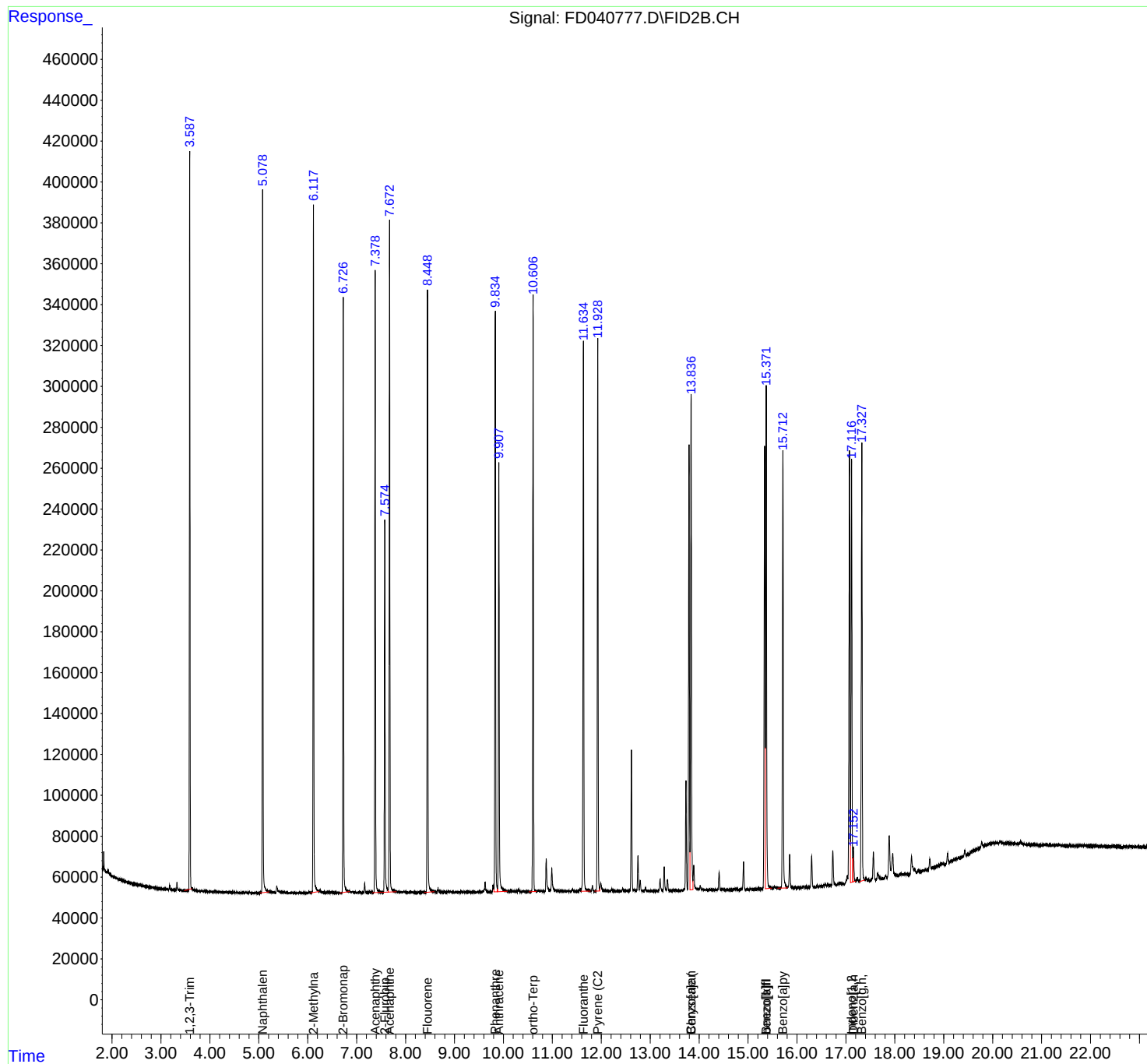
(f)=RT Delta > 1/2 Window

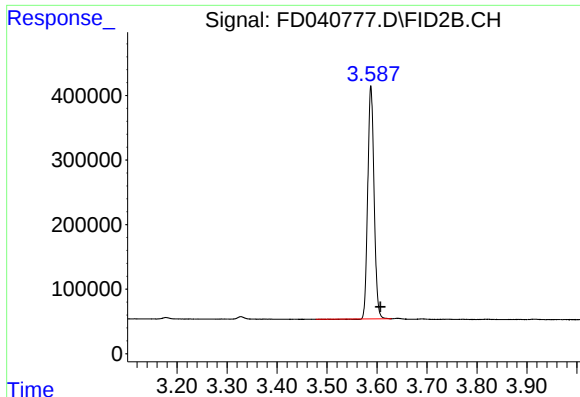
(m)=manual int.

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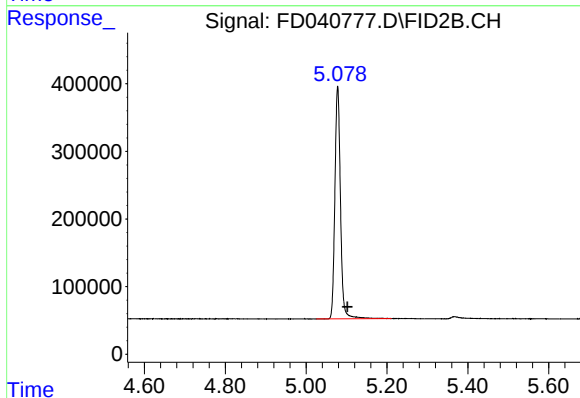
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





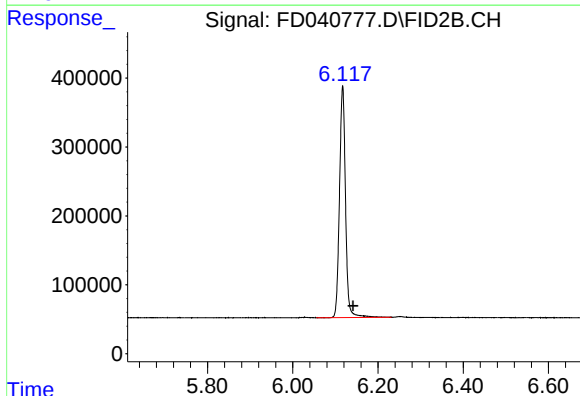
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.588 min
Delta R.T.: -0.019 min
Response: 3167392
Conc: 20.48 ug/ml



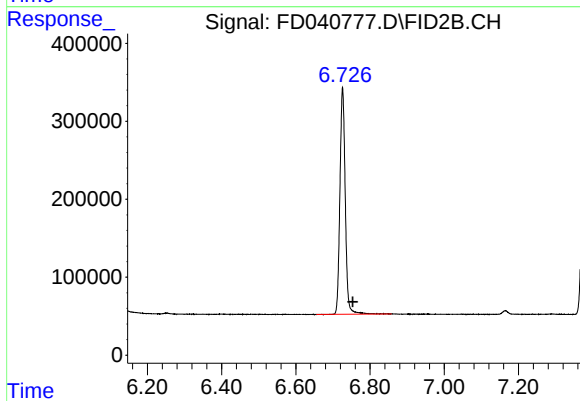
#2 Naphthalene (C11.7)

R.T.: 5.078 min
Delta R.T.: -0.024 min
Response: 3302370
Conc: 20.63 ug/ml



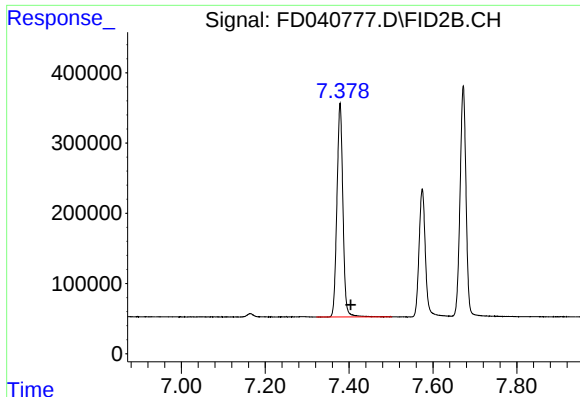
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.025 min
Response: 3298884
Conc: 20.32 ug/ml



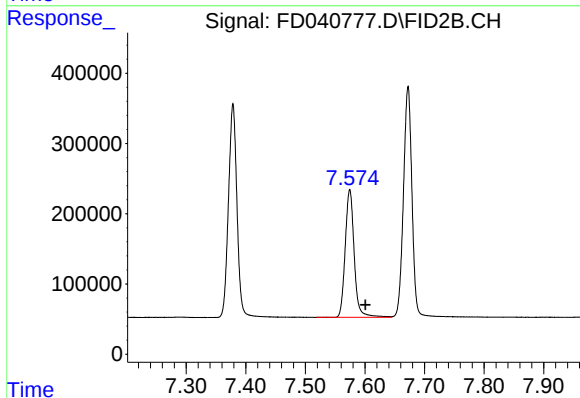
#4 2-Bromonaphthalene (SURR)

R.T.: 6.726 min
Delta R.T.: -0.027 min
Response: 2900484
Conc: 20.28 ug/ml



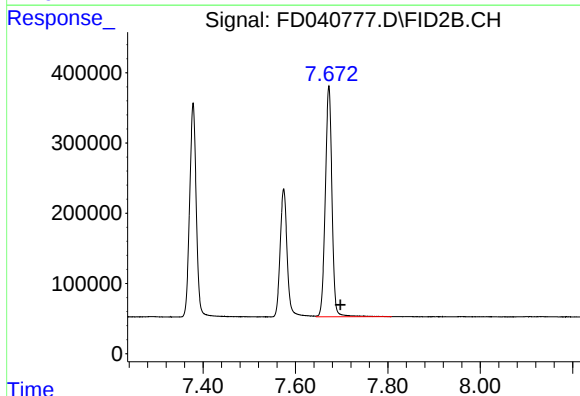
#5 Acenaphthylene (C15.06)

R.T.: 7.378 min
Delta R.T.: -0.026 min
Response: 3017568
Conc: 20.07 ug/ml



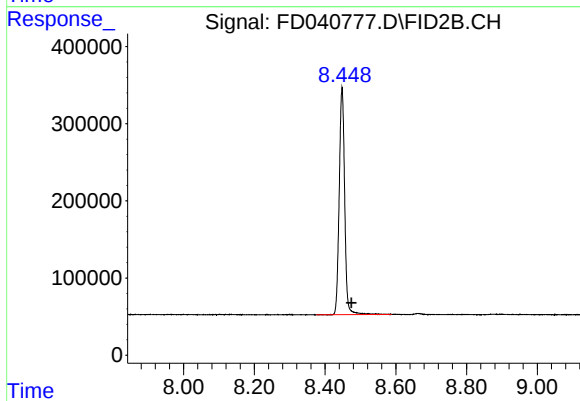
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.575 min
Delta R.T.: -0.026 min
Response: 1909074
Conc: 20.05 ug/ml



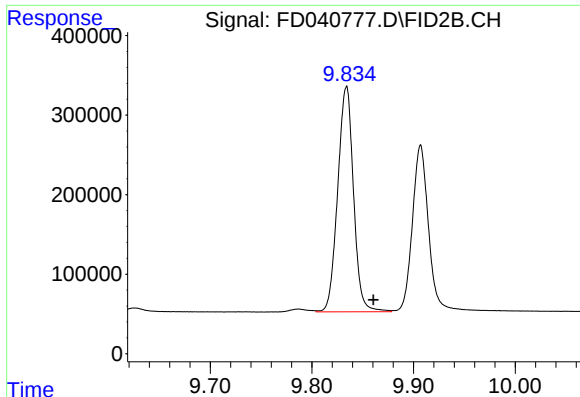
#7 Acenaphthene (C15.5)

R.T.: 7.672 min
Delta R.T.: -0.025 min
Response: 3279866
Conc: 20.35 ug/ml



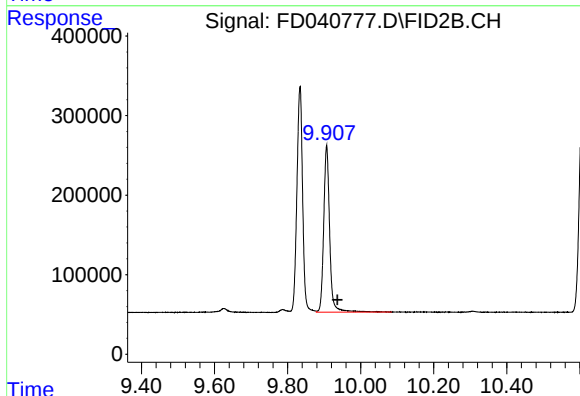
#8 Fluorene (C16.55)

R.T.: 8.448 min
Delta R.T.: -0.027 min
Response: 3148044
Conc: 20.25 ug/ml



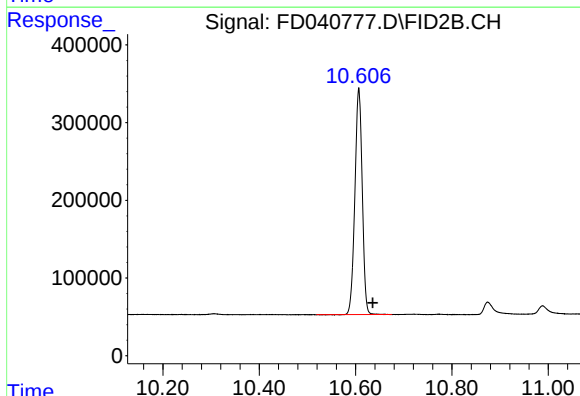
#9 Phenanthrene (C19.36)

R.T.: 9.834 min
Delta R.T.: -0.027 min
Response: 3062482
Conc: 19.91 ug/ml



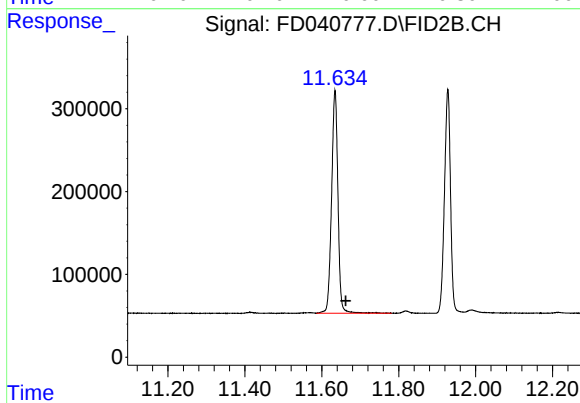
#10 Anthracene (C19.43)

R.T.: 9.907 min
Delta R.T.: -0.029 min
Response: 2370036
Conc: 16.22 ug/ml



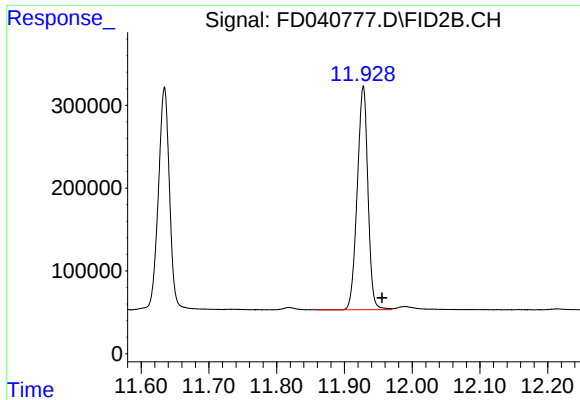
#11 ortho-Terphenyl (SURR)

R.T.: 10.607 min
Delta R.T.: -0.029 min
Response: 3101550
Conc: 19.85 ug/ml



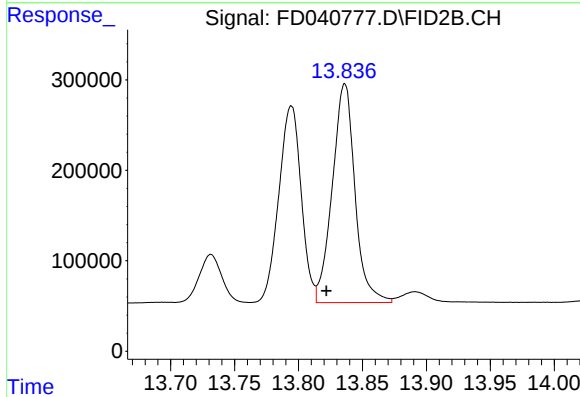
#12 Fluoranthene (C21.85)

R.T.: 11.634 min
Delta R.T.: -0.028 min
Response: 3097189
Conc: 19.95 ug/ml



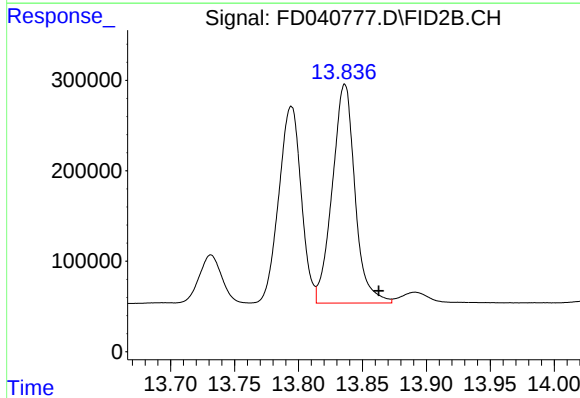
#13 Pyrene (C20.8)

R.T.: 11.928 min
Delta R.T.: -0.028 min
Response: 2956322
Conc: 19.59 ug/ml



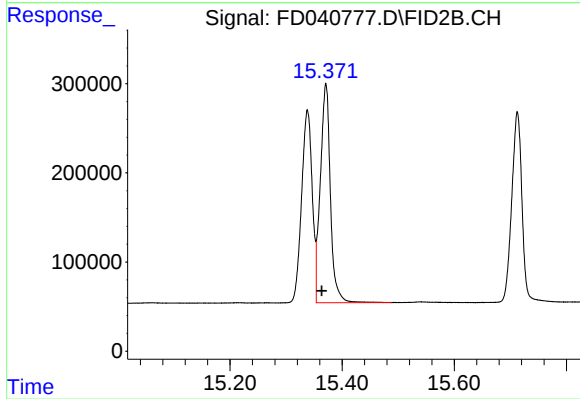
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.836 min
Delta R.T.: 0.014 min
Response: 2989904
Conc: 22.54 ug/ml



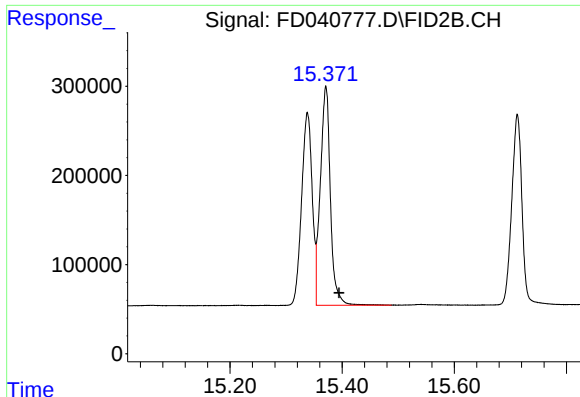
#15 Chrysene (C27.41)

R.T.: 13.836 min
Delta R.T.: -0.027 min
Response: 2989904
Conc: 20.45 ug/ml



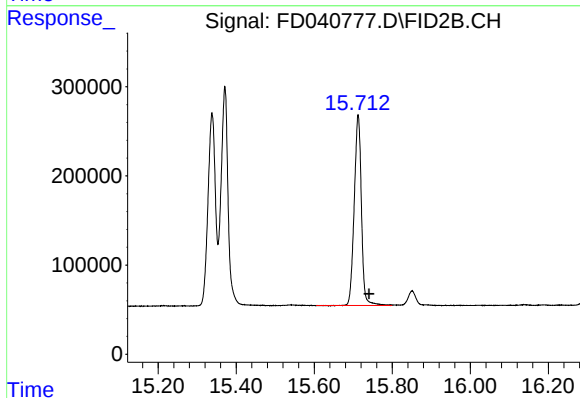
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.371 min
Delta R.T.: 0.007 min
Response: 3063667
Conc: 22.42 ug/ml



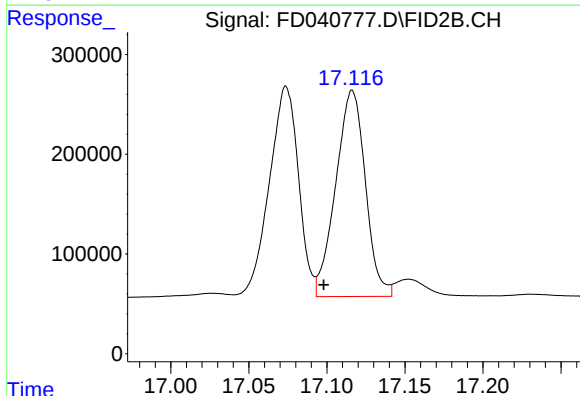
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.371 min
Delta R.T.: -0.024 min
Response: 3063667
Conc: 22.13 ug/ml



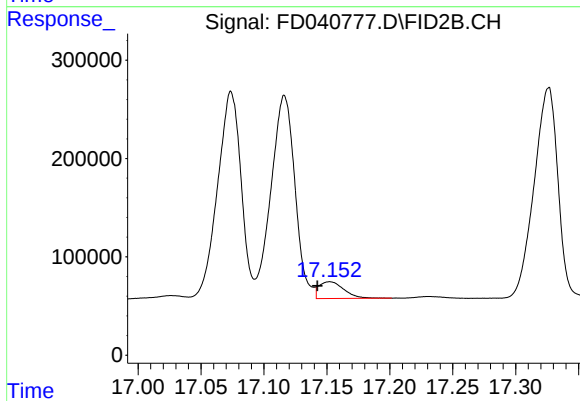
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.713 min
Delta R.T.: -0.028 min
Response: 2734706
Conc: 20.98 ug/ml



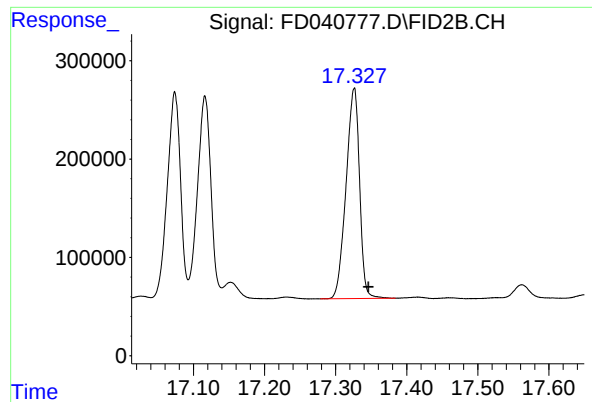
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.116 min
Delta R.T.: 0.018 min
Response: 2731476
Conc: 22.42 ug/ml



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

R.T.: 17.152 min
Delta R.T.: 0.010 min
Response: 233240
Conc: 1.92 ug/ml



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

R.T.: 17.326 min
Delta R.T.: -0.021 min
Response: 2826434
Conc: 22.01 ug/ml