

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041720.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 10:23
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/25/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 25 11:38:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 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...	7.349	3103643	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
6) S 2-Fluorobiphenyl (SURR)	8.198	1961866	19.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.71%
11) S ortho-Terphenyl (SURR)	11.229	4071426	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	3652799	20.855 ug/ml
2) T Naphthalene (C11.7)	5.692	3422823	19.400 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	3206886	20.044 ug/mlm
5) T Acenaphthylene (C15.06)	7.999	3700807	19.998 ug/ml
7) T Acenaphthene (C15.5)	8.292	3745145	19.509 ug/ml
8) T Flouorene (C16.55)	9.071	3496357	19.818 ug/ml
9) T Phenanthrene (C19.36)	10.458	3563575	20.430 ug/ml
10) T Anthracene (C19.43)	10.533	3264462	17.935 ug/ml
12) T Fluoranthene (C21.85)	12.259	3451112	19.549 ug/ml
13) T Pyrene (C20.8)	12.552	3416006	20.205 ug/ml
14) T Benzo[a]anthracene (C...	14.421	2814464	18.822 ug/ml
15) T Chrysene (C27.41)	14.462	3078068	17.101 ug/ml
16) T benzo[b]fluoranthene ...	15.967	2811539	18.960 ug/ml
17) T Bnezo[k]fluoranthene ...	15.998	2897330	17.534 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.344	2622334	18.643 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	2282118	20.720 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	2789355	19.267 ug/ml
21) T Benzo[g,h,i]perylene ...	17.957	2645478	19.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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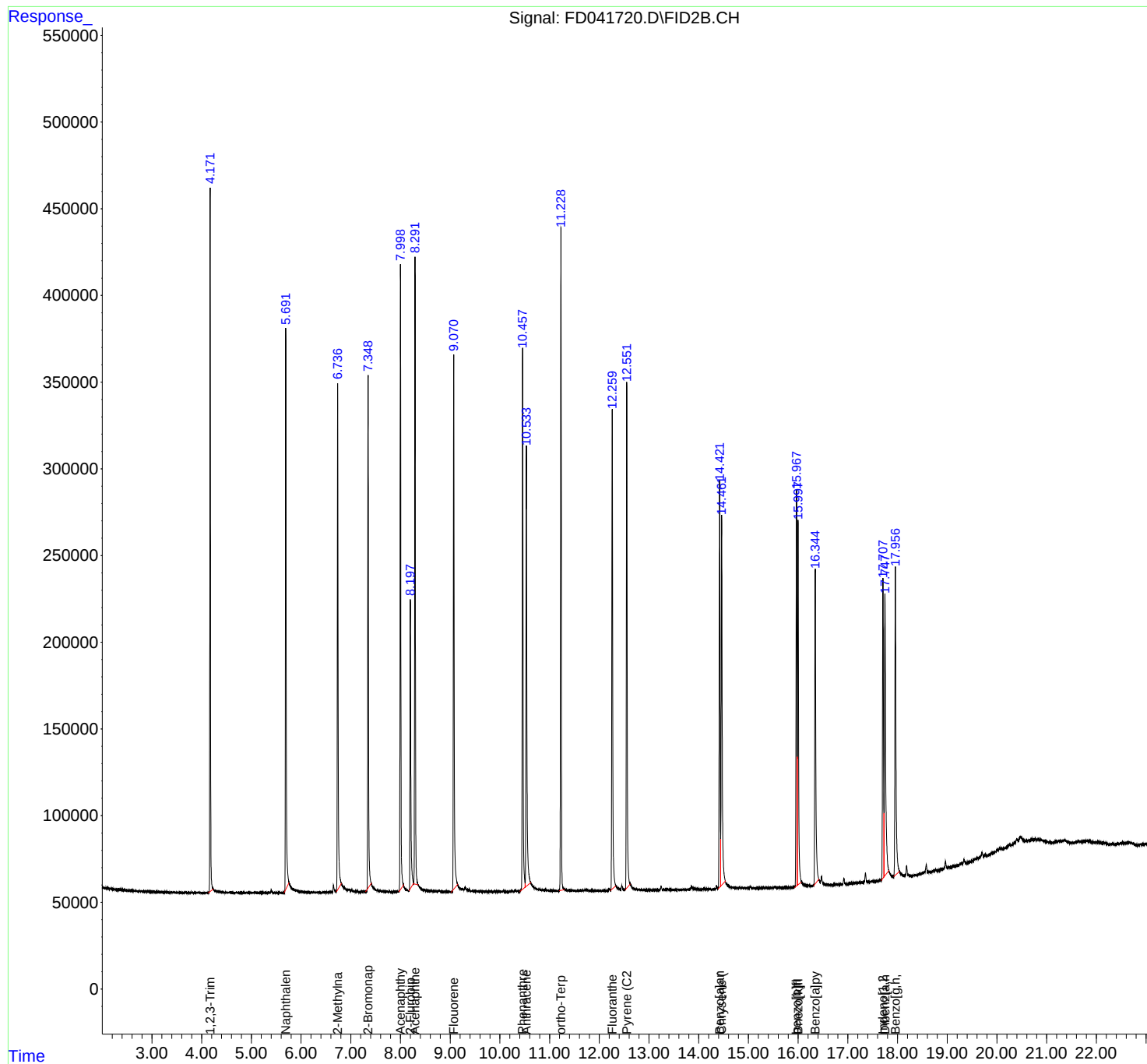
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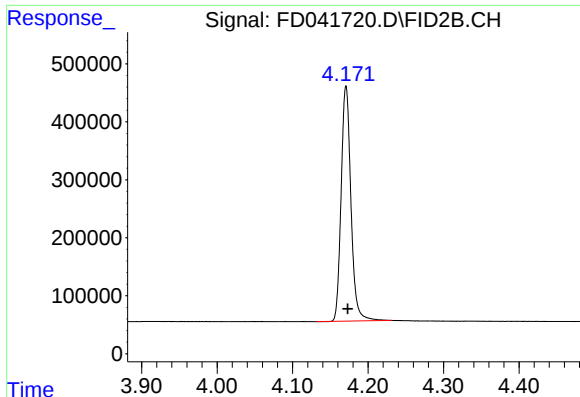
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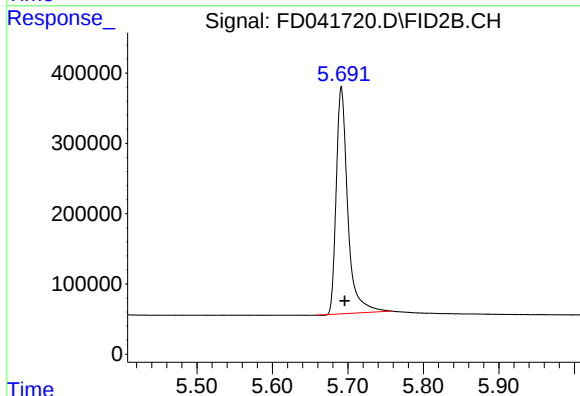
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 3652799
Conc: 20.85 ug/ml

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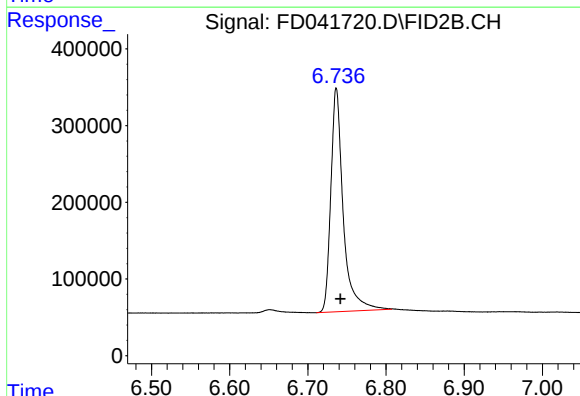
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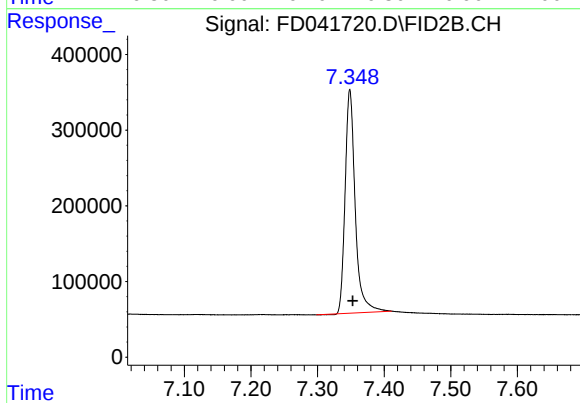
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 3422823
Conc: 19.40 ug/ml



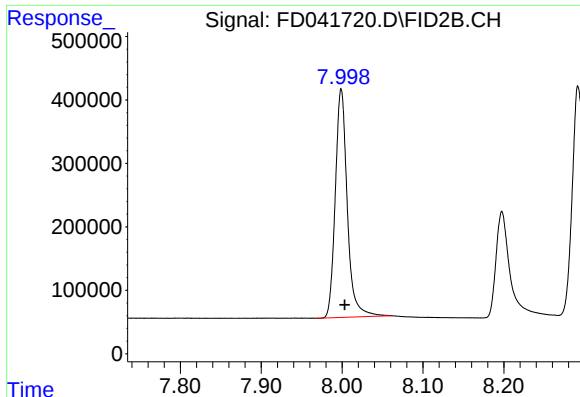
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 3206886
Conc: 20.04 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 3103643
Conc: 19.35 ug/ml



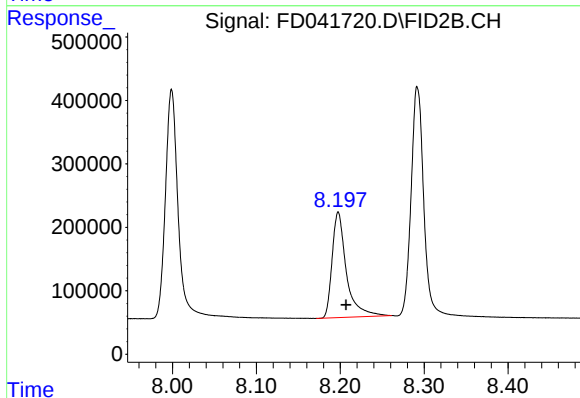
#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 3700807
Conc: 20.00 ug/ml

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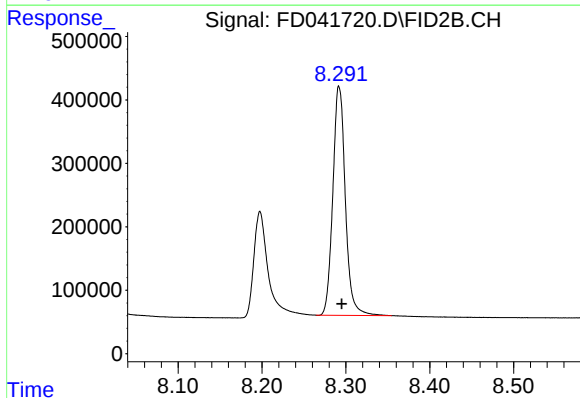
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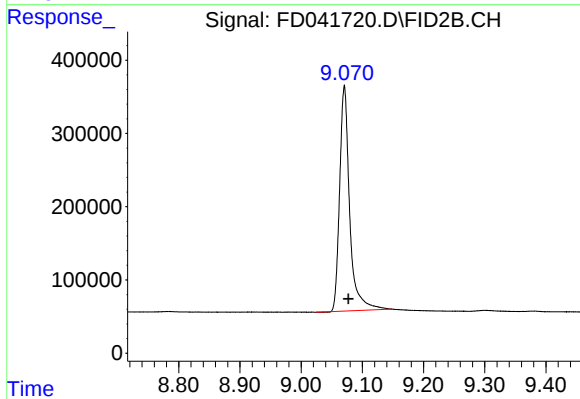
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.009 min
Response: 1961866
Conc: 19.85 ug/ml



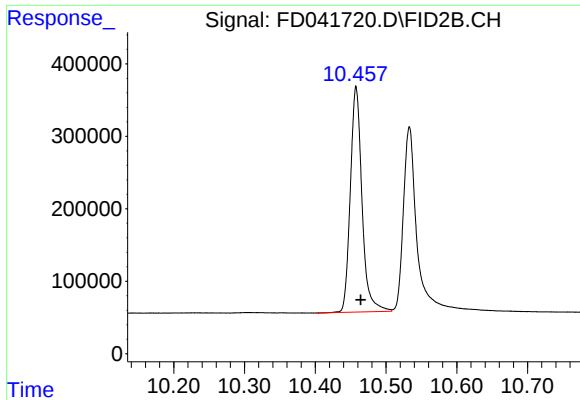
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 3745145
Conc: 19.51 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 3496357
Conc: 19.82 ug/ml



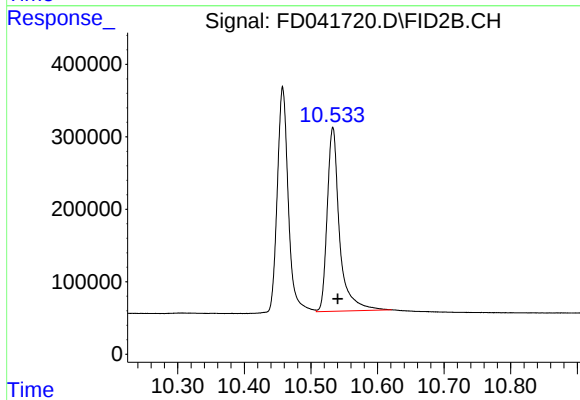
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.006 min
Response: 3563575
Conc: 20.43 ug/ml

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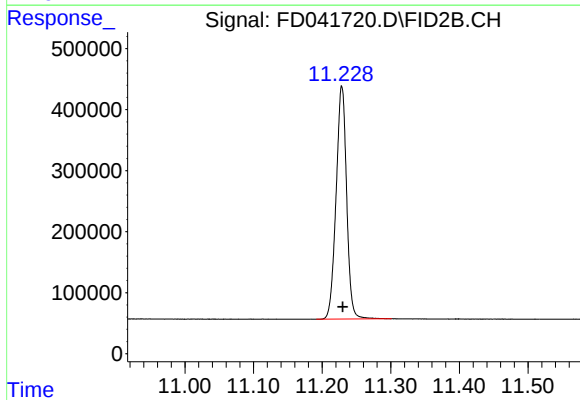
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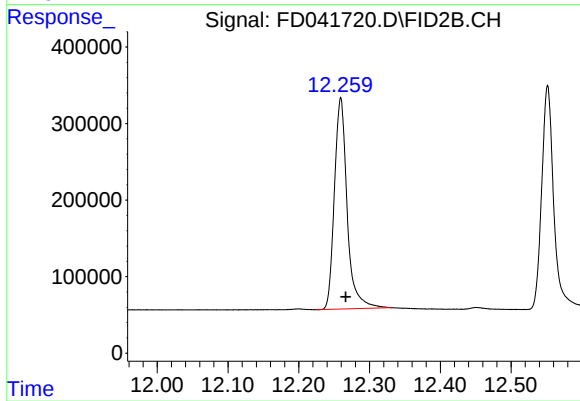
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.008 min
Response: 3264462
Conc: 17.94 ug/ml



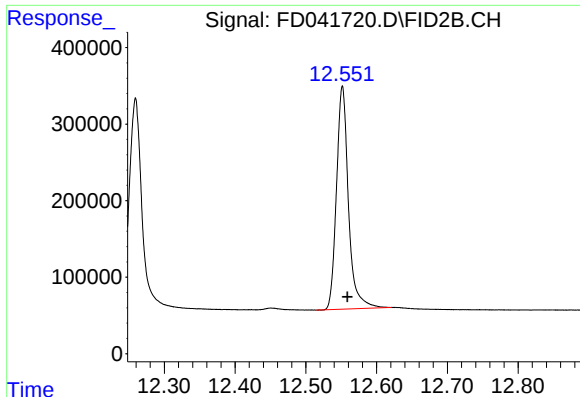
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.001 min
Response: 4071426
Conc: 20.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.007 min
Response: 3451112
Conc: 19.55 ug/ml



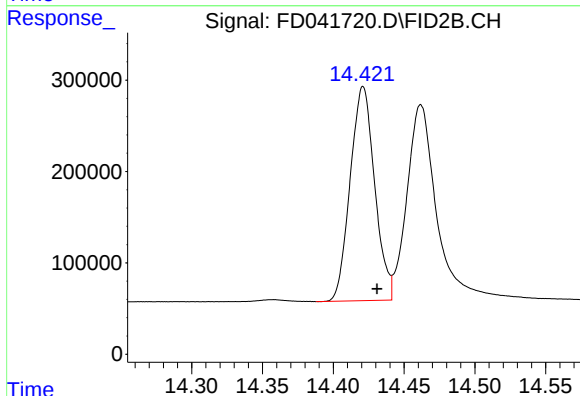
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 3416006
Conc: 20.20 ug/ml

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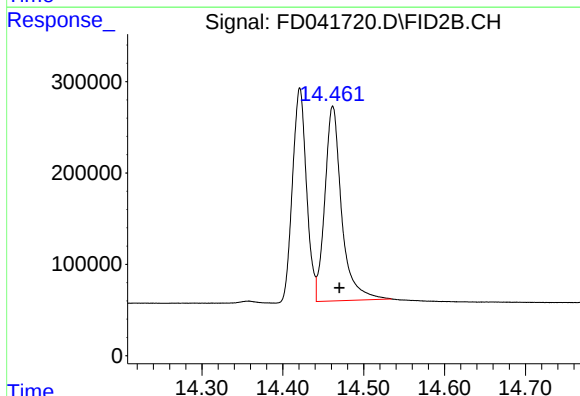
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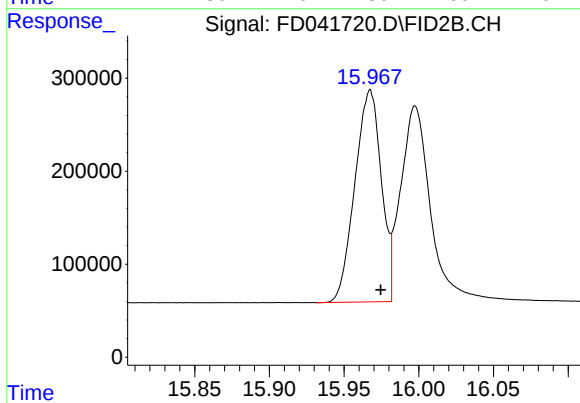
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.010 min
Response: 2814464
Conc: 18.82 ug/ml



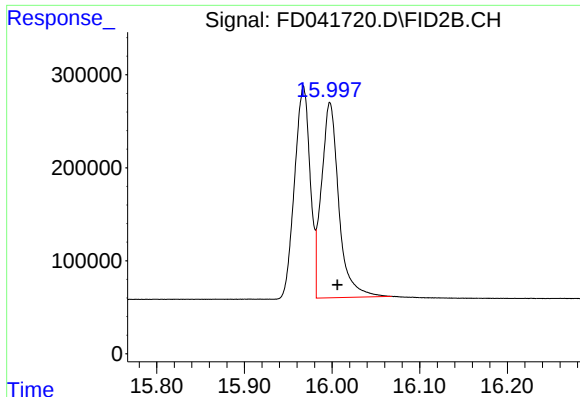
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.008 min
Response: 3078068
Conc: 17.10 ug/ml



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

R.T.: 15.967 min
Delta R.T.: -0.007 min
Response: 2811539
Conc: 18.96 ug/ml



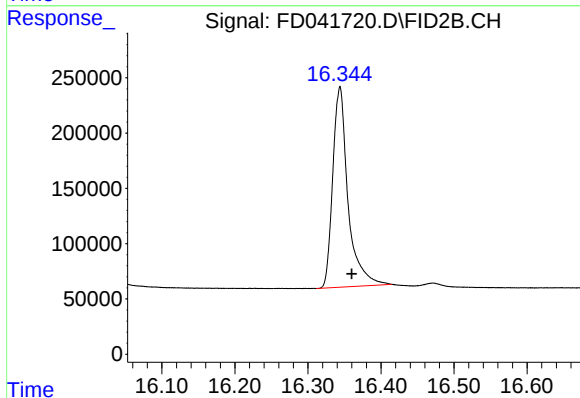
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.998 min
Delta R.T.: -0.008 min
Response: 2897330
Conc: 17.53 ug/ml

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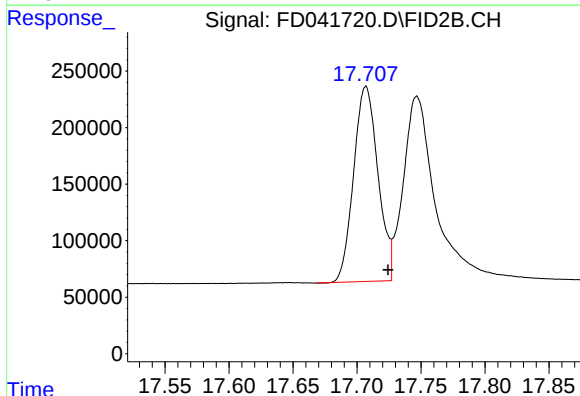
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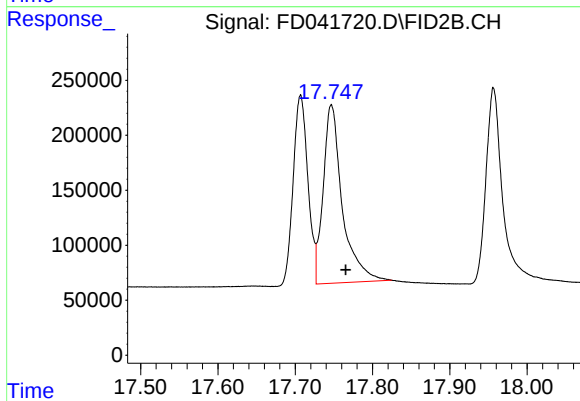
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.016 min
Response: 2622334
Conc: 18.64 ug/ml



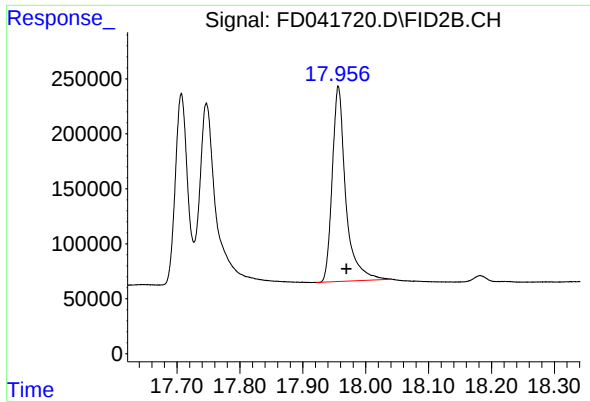
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: -0.017 min
Response: 2282118
Conc: 20.72 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.018 min
Response: 2789355
Conc: 19.27 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.013 min
Response: 2645478
Conc: 19.93 ug/ml

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