

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
 Data File : FD038071.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 2:41
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

mohammad
 7/7/2021 11:33:28 AM

Integration File: autoint1.e
 Quant Time: Jul 07 03:10:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 03:09:16 2021
 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...	7.523	1140059	8.540 ug/ml
Spiked Amount 50.000		Recovery =	17.08%
6) S 2-Fluorobiphenyl (SURR)	8.383	762284	8.246 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.49%
11) S ortho-Terphenyl (SURR)	11.418	1391256	8.951 ug/ml
Spiked Amount 50.000		Recovery =	17.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	1276699	8.807 ug/ml
2) T Naphthalene (C11.7)	5.862	1285150	8.490 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	1276502	8.435 ug/ml
5) T Acenaphthylene (C15.06)	8.184	1346999	8.804 ug/ml
7) T Acenaphthene (C15.5)	8.479	1383068	8.739 ug/ml
8) T Fluorene (C16.55)	9.260	1289135	8.537 ug/ml
9) T Phenanthrene (C19.36)	10.653	1293813	8.672 ug/ml
10) T Anthracene (C19.43)	10.729	1239417	8.631 ug/ml
12) T Fluoranthene (C21.85)	12.463	1293319	8.719 ug/ml
13) T Pyrene (C20.8)	12.759	1273042	8.748 ug/ml
14) T Benzo[a]anthracene (C...	14.630	1137985	8.459 ug/ml
15) T Chrysene (C27.41)	14.670	1322002	9.187 ug/ml
16) T benzo[b]fluoranthene ...	16.179	1130152	8.649 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	1224945	9.223 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	1053570	8.691 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	877481	8.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	1142588	9.361 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.177	962989	8.696 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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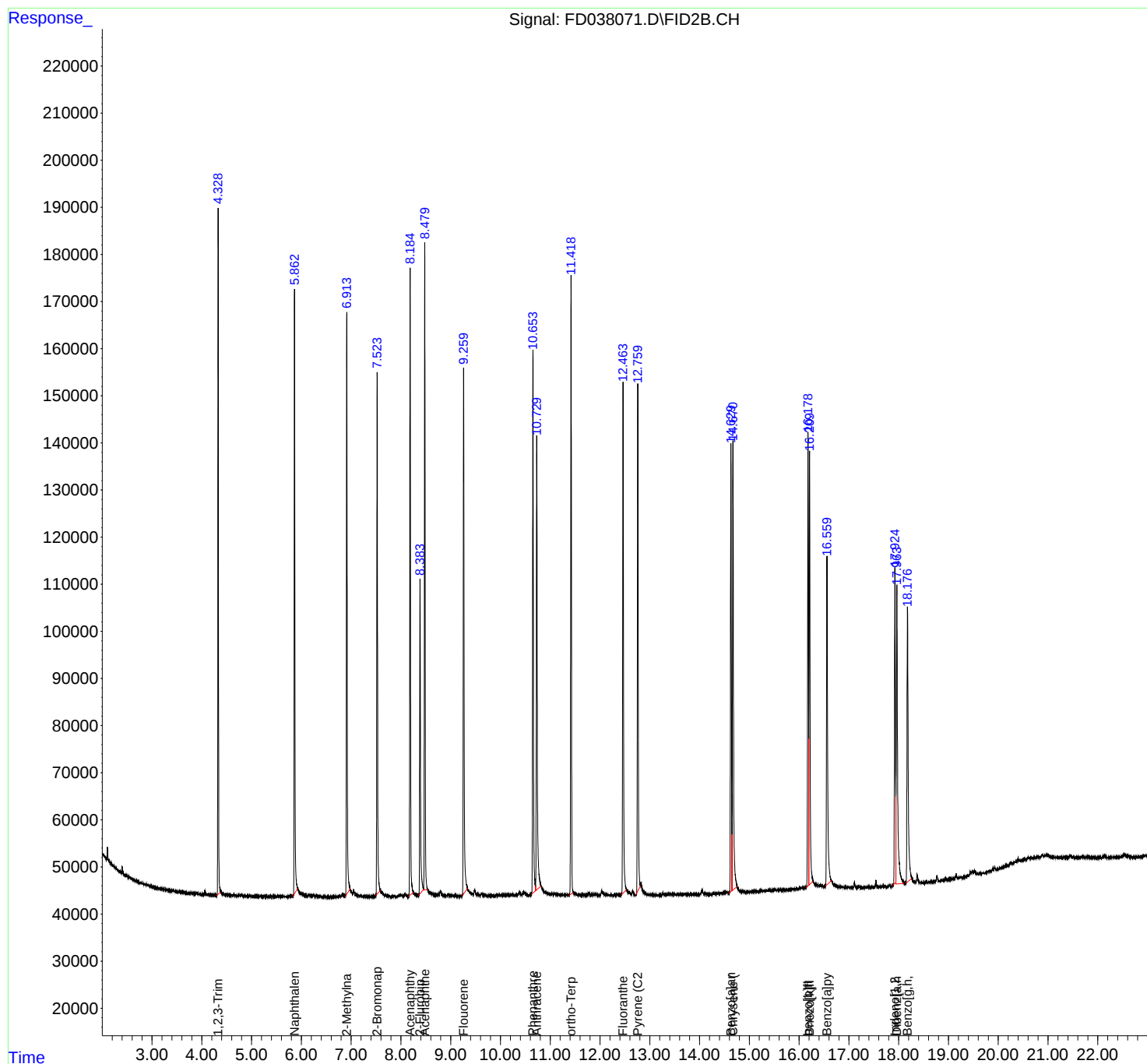
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10 PPM AROMATIC HC STD4

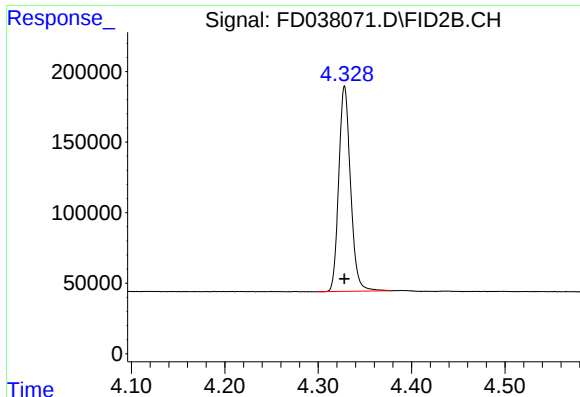
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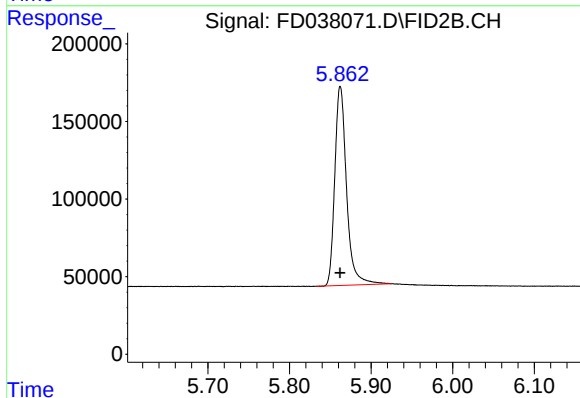
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 1276699
Conc: 8.81 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

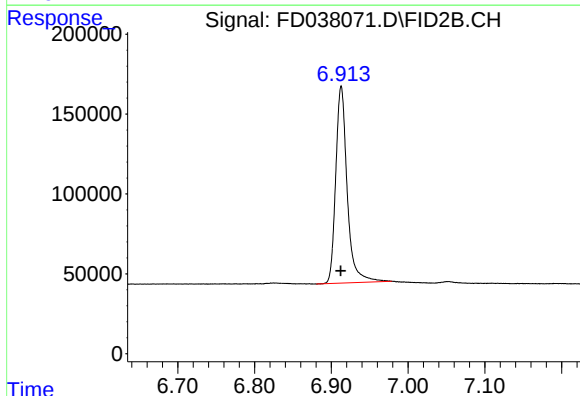
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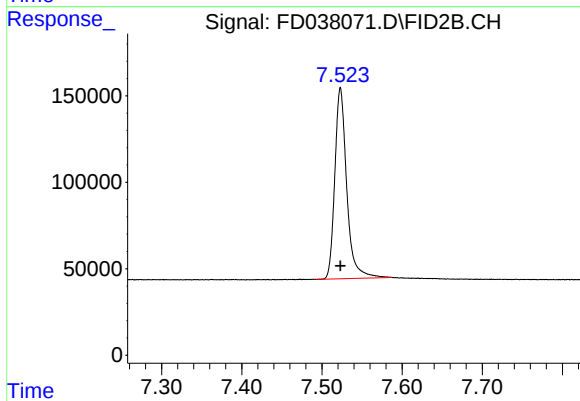
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 1285150
Conc: 8.49 ug/ml



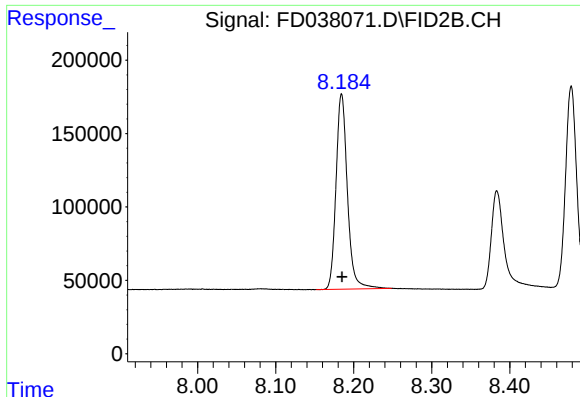
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 1276502
Conc: 8.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 1140059
Conc: 8.54 ug/ml



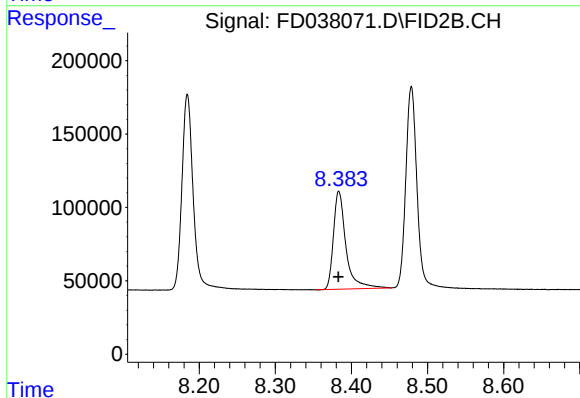
#5 Acenaphthylene (C15.06)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 1346999
Conc: 8.80 ug/ml

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10 PPM AROMATIC HC STD4

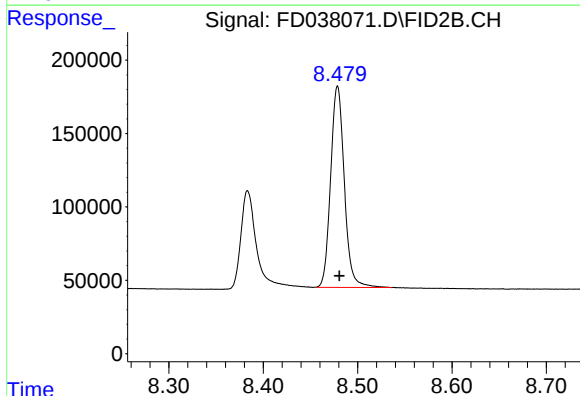
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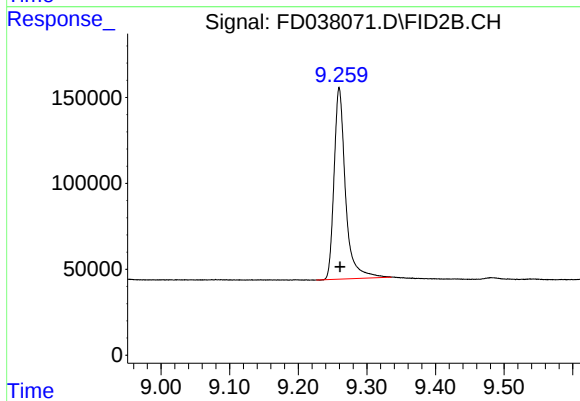
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 762284
Conc: 8.25 ug/ml



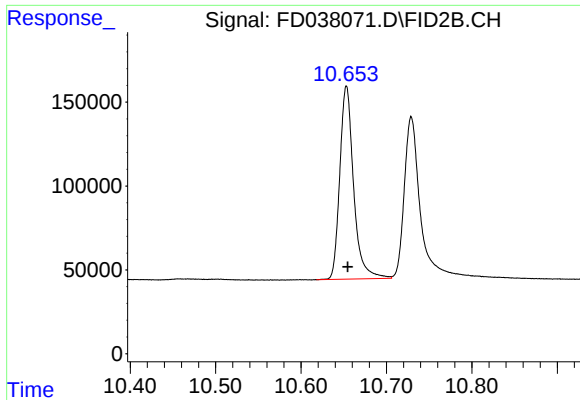
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: -0.002 min
Response: 1383068
Conc: 8.74 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.260 min
Delta R.T.: -0.001 min
Response: 1289135
Conc: 8.54 ug/ml



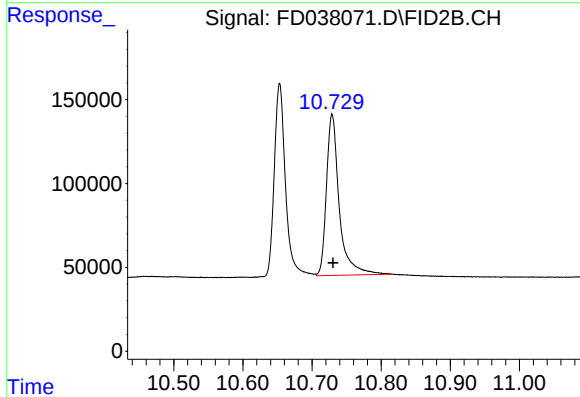
#9 Phenanthrene (C19.36)

R.T.: 10.653 min
Delta R.T.: -0.001 min
Response: 1293813
Conc: 8.67 ug/ml

Instrument :
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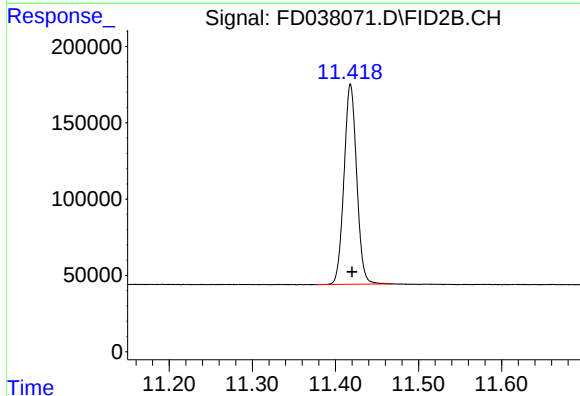
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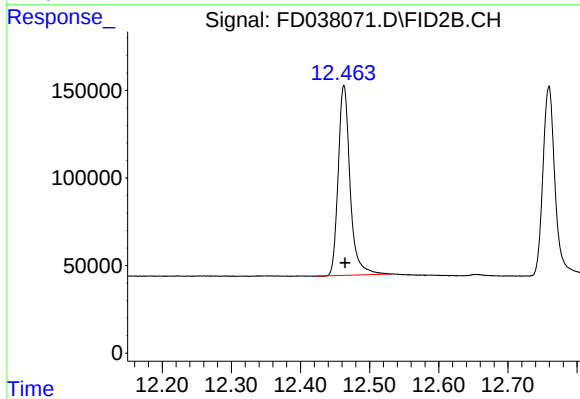
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: -0.001 min
Response: 1239417
Conc: 8.63 ug/ml



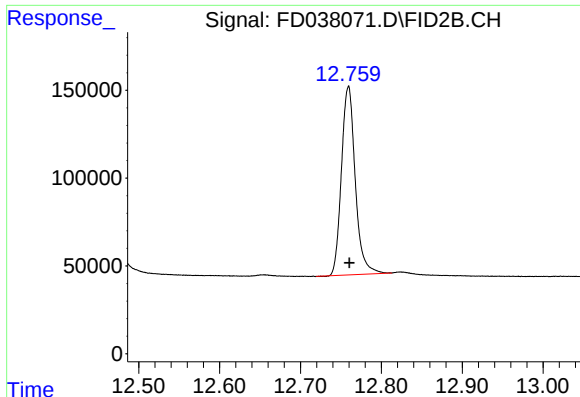
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.002 min
Response: 1391256
Conc: 8.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.463 min
Delta R.T.: -0.002 min
Response: 1293319
Conc: 8.72 ug/ml



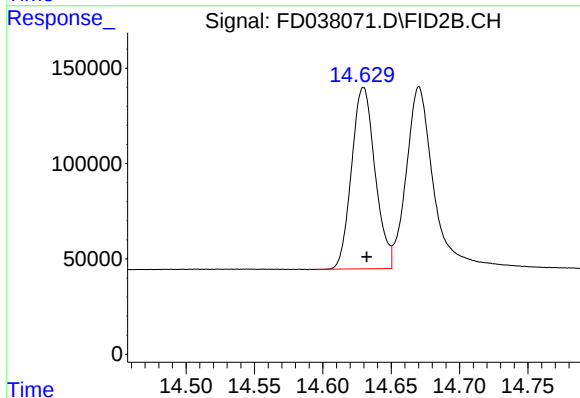
#13 Pyrene (C20.8)

R.T.: 12.759 min
Delta R.T.: -0.001 min
Response: 1273042
Conc: 8.75 ug/ml

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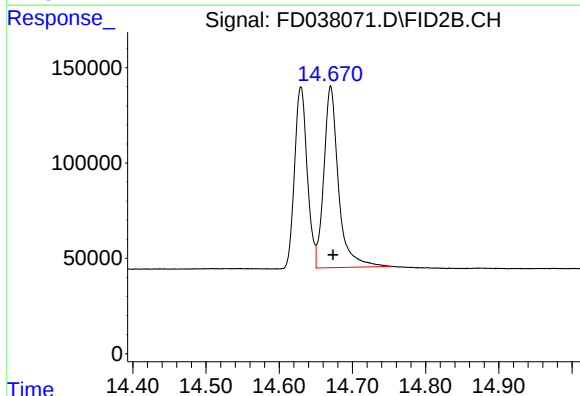
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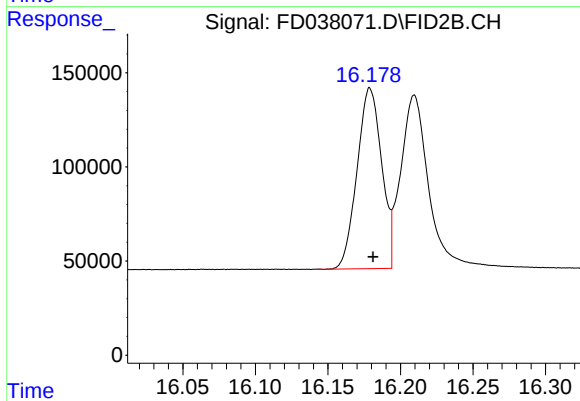
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.630 min
Delta R.T.: -0.002 min
Response: 1137985
Conc: 8.46 ug/ml



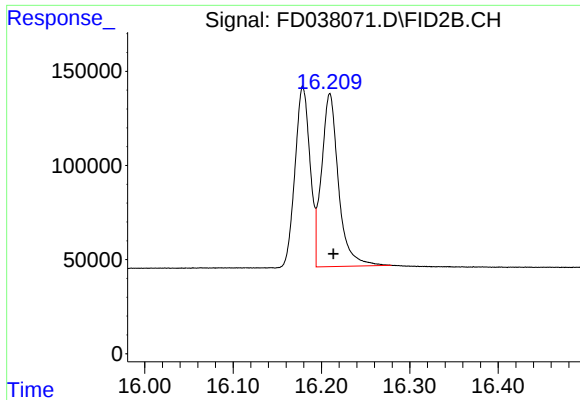
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: -0.003 min
Response: 1322002
Conc: 9.19 ug/ml



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

R.T.: 16.179 min
Delta R.T.: -0.002 min
Response: 1130152
Conc: 8.65 ug/ml



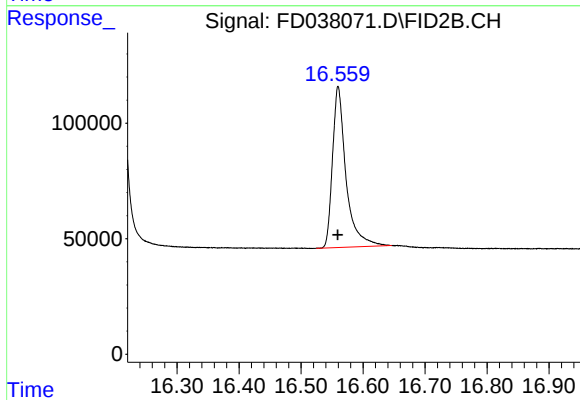
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.210 min
Delta R.T.: -0.004 min
Response: 1224945
Conc: 9.22 ug/ml

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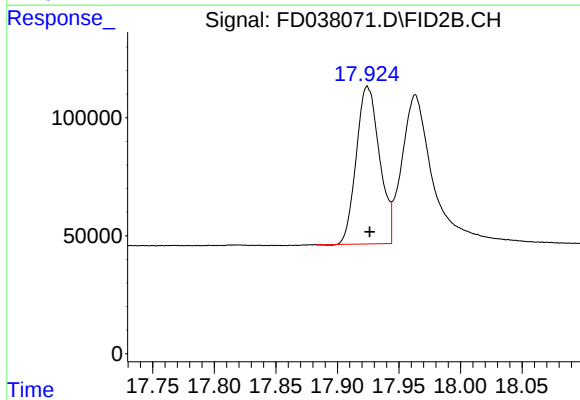
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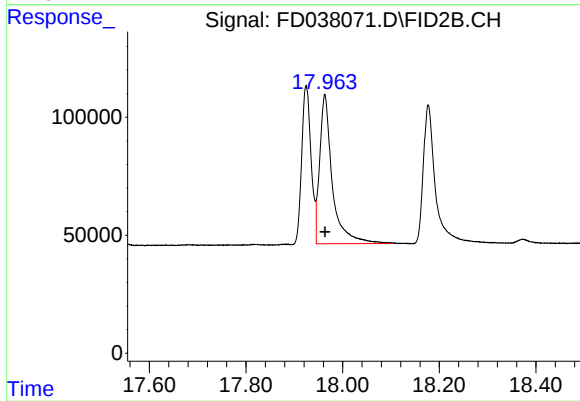
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 1053570
Conc: 8.69 ug/ml



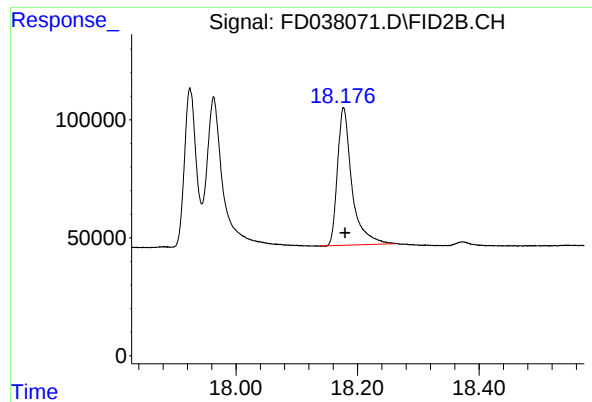
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.002 min
Response: 877481
Conc: 8.17 ug/ml



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

R.T.: 17.963 min
Delta R.T.: 0.000 min
Response: 1142588
Conc: 9.36 ug/ml m



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

R.T.: 18.177 min
Delta R.T.: -0.002 min
Response: 962989
Conc: 8.70 ug/ml

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