

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042422.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2022 19:54
 Operator : UA/NP
 Sample : PB144760BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144760BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2022
 Supervised By :mohammad ahmed 05/13/2022

Integration File: sample.E
 Quant Time: May 13 03:10:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.331	6588539	47.005 ug/ml
Spiked Amount 50.000		Recovery =	94.01%
6) S 2-Fluorobiphenyl (SURR)	8.180	3973762	55.770 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.54%
11) S ortho-Terphenyl (SURR)	11.204	6553490	37.809 ug/ml
Spiked Amount 50.000		Recovery =	75.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	5433814	34.904 ug/mlm
2) T Naphthalene (C11.7)	5.676	6153397	39.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	6009997	41.561 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6032861	36.607 ug/ml
7) T Acenaphthene (C15.5)	8.274	6852123	36.497 ug/ml
8) T Flouorene (C16.55)	9.052	6335984	41.598 ug/ml
9) T Phenanthrene (C19.36)	10.438	6193226	41.709 ug/ml
10) T Anthracene (C19.43)	10.513	6496435	38.805 ug/ml
12) T Fluoranthene (C21.85)	12.239	6356492	40.523 ug/ml
13) T Pyrene (C20.8)	12.532	6256609	38.359 ug/ml
14) T Benzo[a]anthracene (C...	14.405	5827375	48.716 ug/ml
15) T Chrysene (C27.41)	14.446	5753885	31.363 ug/ml
16) T benzo[b]fluoranthene ...	15.954	5936017	45.210 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	6709428	38.809 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	5566852	37.730 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.701	5405586	54.157 ug/mlm
20) T Dibenz[a,h]anthracene...	17.735	6428346	40.956 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	5964433	43.068 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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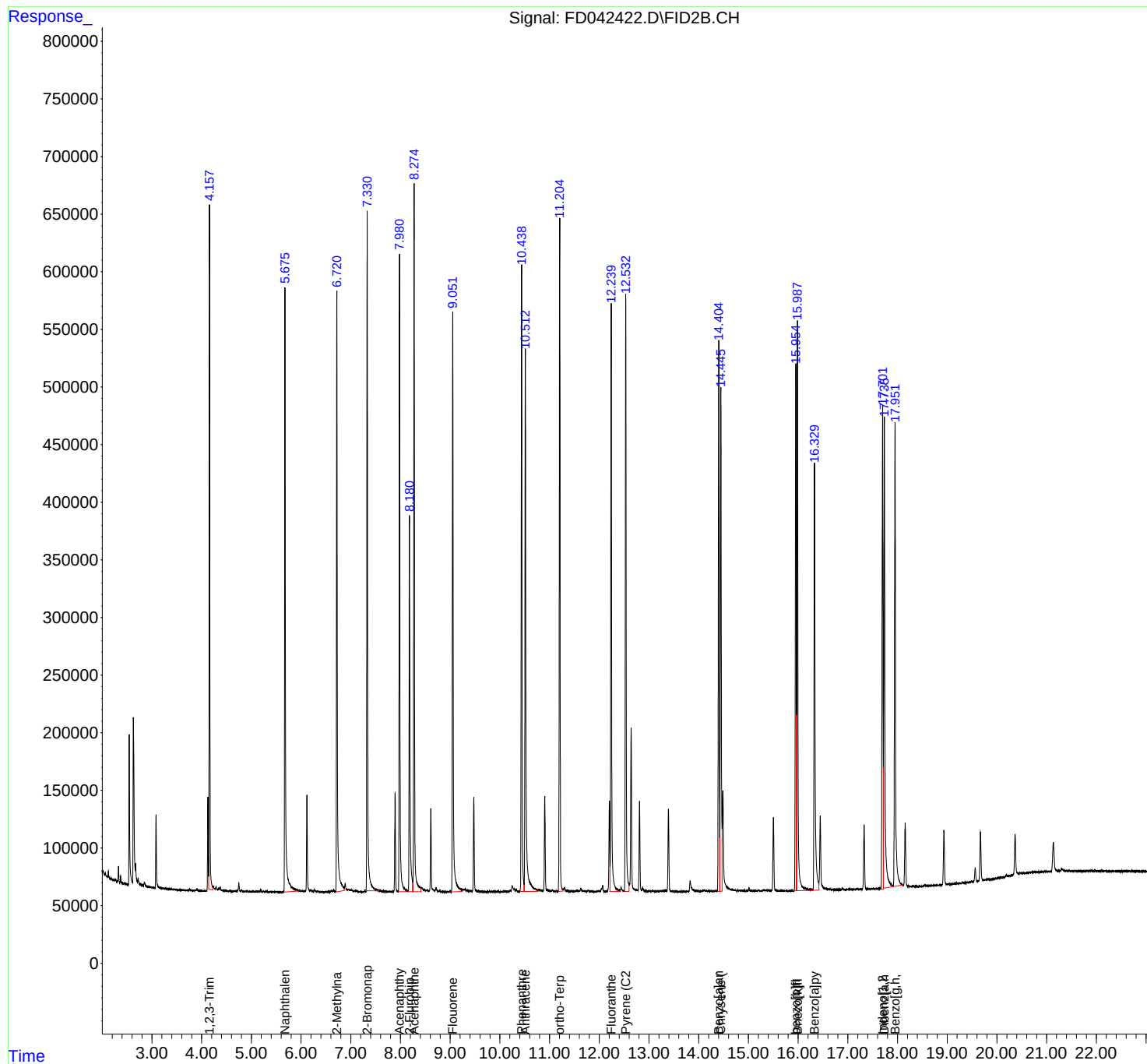
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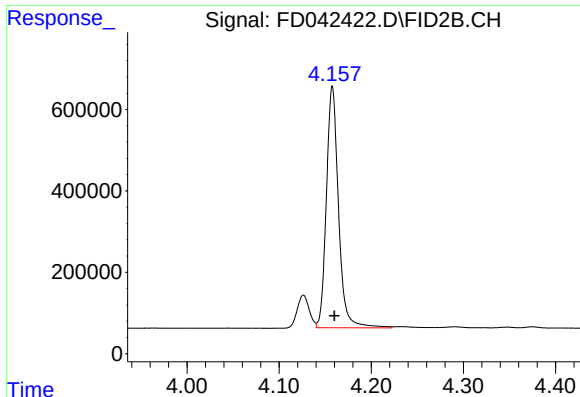
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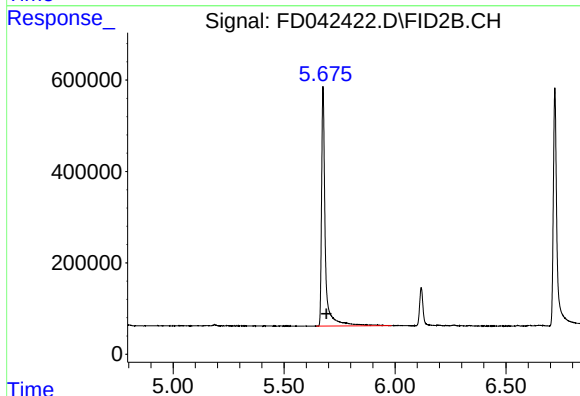
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 5433814
Conc: 34.90 ug/ml

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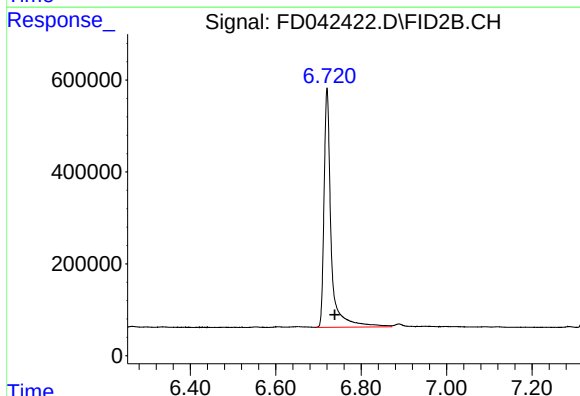
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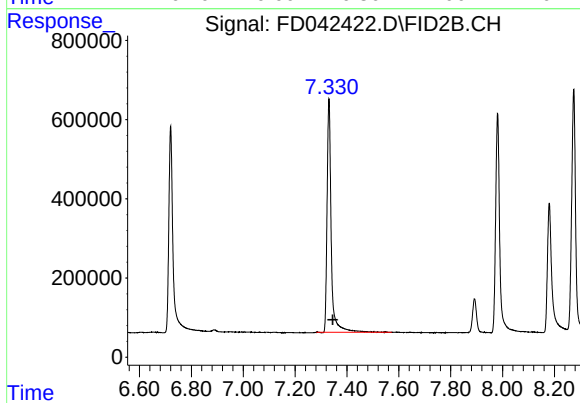
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 6153397
Conc: 39.01 ug/ml



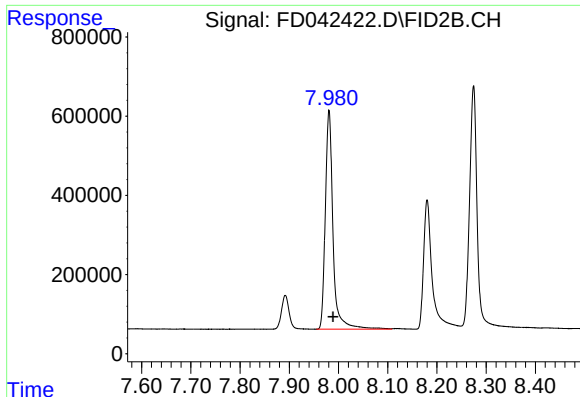
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.018 min
Response: 6009997
Conc: 41.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 6588539
Conc: 47.00 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.009 min
Response: 6032861
Conc: 36.61 ug/ml

Instrument :

FID_D

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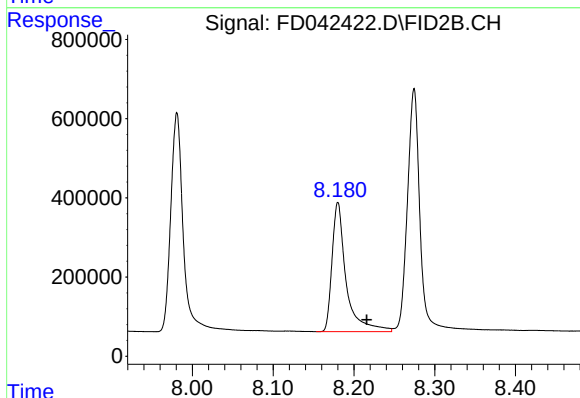
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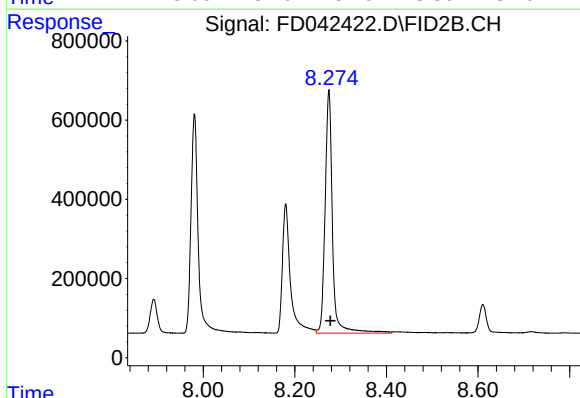
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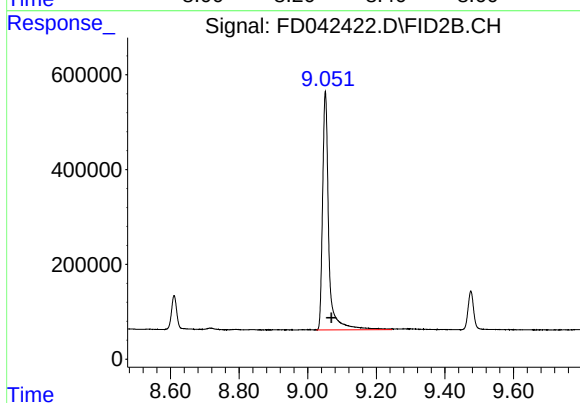
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.036 min
Response: 3973762
Conc: 55.77 ug/ml



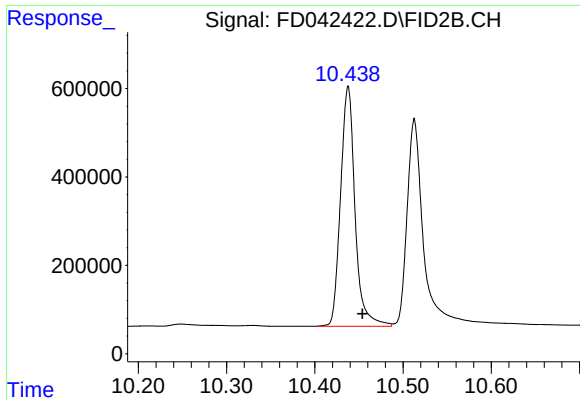
#7 Acenaphthene (C15.5)

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 6852123
Conc: 36.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.052 min
Delta R.T.: -0.018 min
Response: 6335984
Conc: 41.60 ug/ml



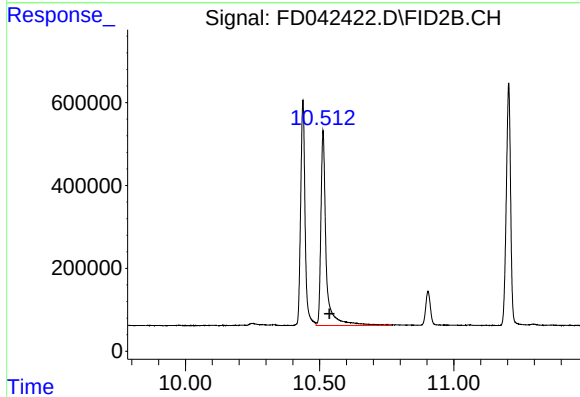
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.016 min
Response: 6193226
Conc: 41.71 ug/ml

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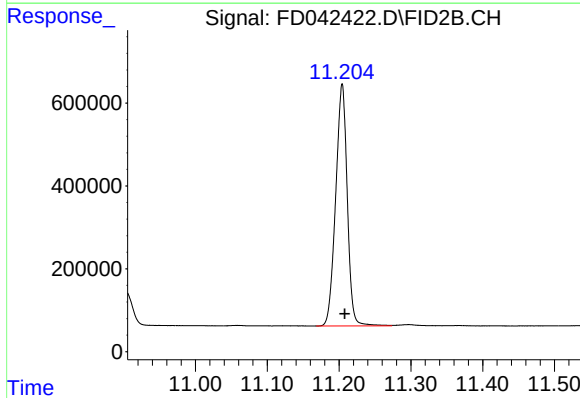
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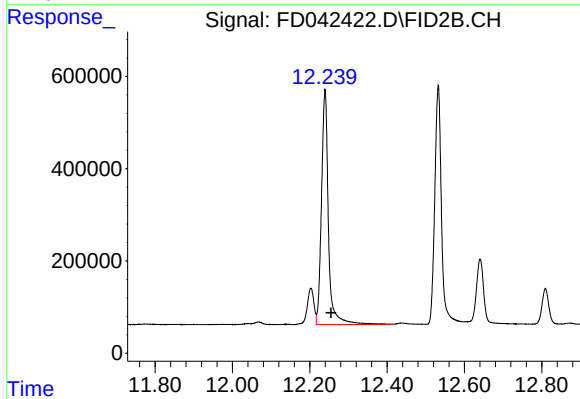
#10 Anthracene (C19.43)

R.T.: 10.513 min
Delta R.T.: -0.024 min
Response: 6496435
Conc: 38.81 ug/ml



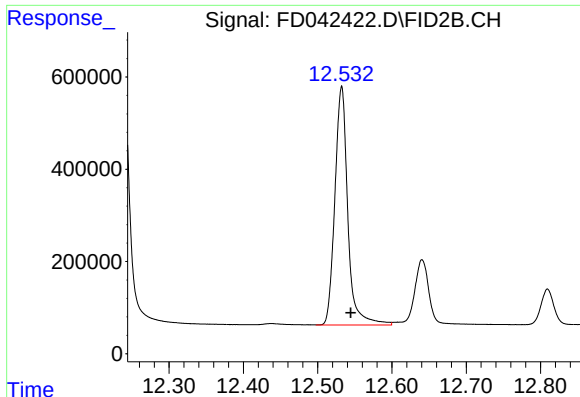
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.004 min
Response: 6553490
Conc: 37.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 6356492
Conc: 40.52 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.013 min
Response: 6256609
Conc: 38.36 ug/ml

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FID_D

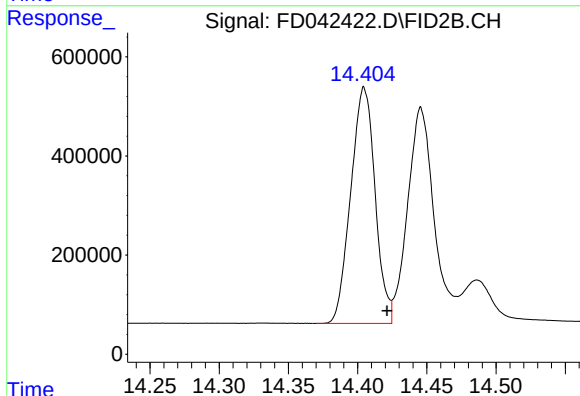
ClientSampleId :

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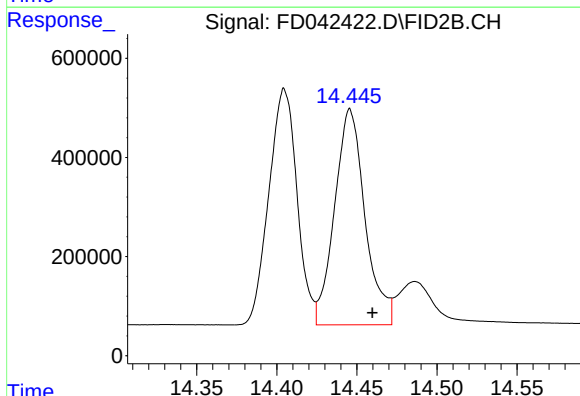
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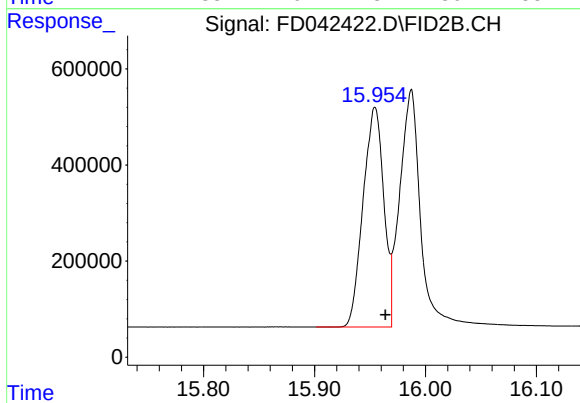
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.017 min
Response: 5827375
Conc: 48.72 ug/ml



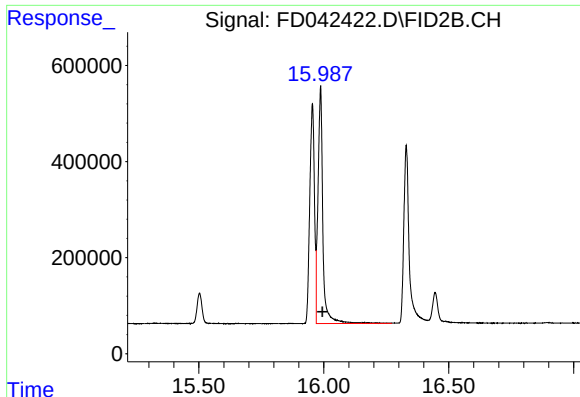
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.014 min
Response: 5753885
Conc: 31.36 ug/ml



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

R.T.: 15.954 min
Delta R.T.: -0.010 min
Response: 5936017
Conc: 45.21 ug/ml



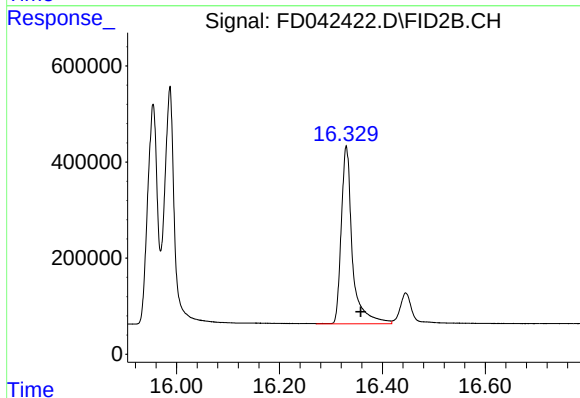
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.008 min
Response: 6709428
Conc: 38.81 ug/ml

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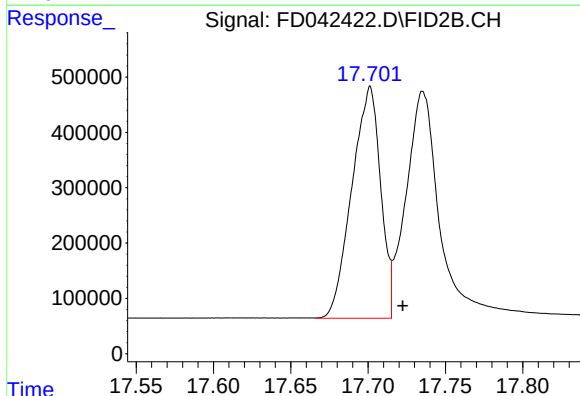
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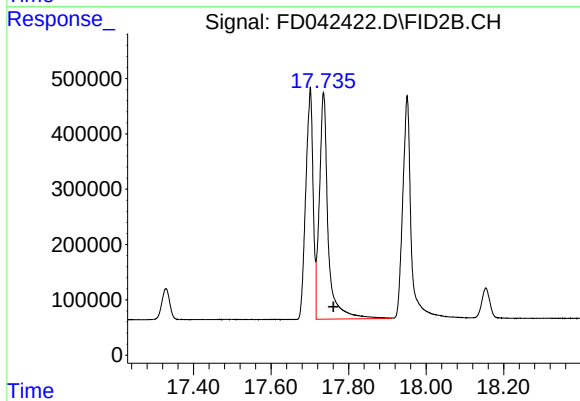
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.028 min
Response: 5566852
Conc: 37.73 ug/ml



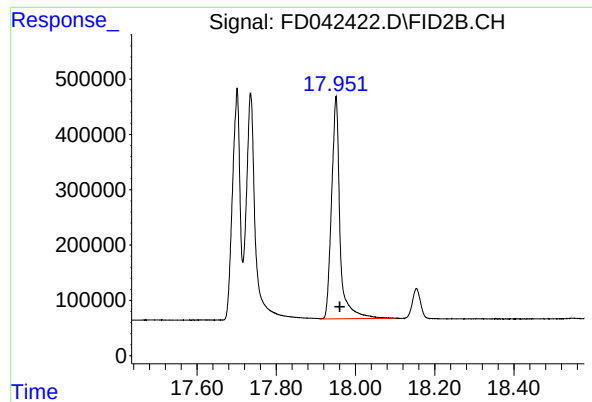
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.701 min
Delta R.T.: -0.021 min
Response: 5405586
Conc: 54.16 ug/ml m



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

R.T.: 17.735 min
Delta R.T.: -0.025 min
Response: 6428346
Conc: 40.96 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.010 min
Response: 5964433
Conc: 43.07 ug/ml

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