

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042423.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2022 20:34
 Operator : UA/NP
 Sample : PB144760BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144760BSD

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 03:11:08 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...	7.329	6521084	46.524 ug/ml
Spiked Amount 50.000		Recovery =	93.05%
6) S 2-Fluorobiphenyl (SURR)	8.179	3963020	55.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.24%
11) S ortho-Terphenyl (SURR)	11.205	6541537	37.740 ug/ml
Spiked Amount 50.000		Recovery =	75.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	5309493	34.105 ug/mlm
2) T Naphthalene (C11.7)	5.673	6041545	38.298 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	5948502	41.136 ug/ml
5) T Acenaphthylene (C15.06)	7.979	5995014	36.377 ug/ml
7) T Acenaphthene (C15.5)	8.273	6799225	36.215 ug/ml
8) T Flouorene (C16.55)	9.051	6266428	41.141 ug/ml
9) T Phenanthrene (C19.36)	10.437	6163226	41.507 ug/ml
10) T Anthracene (C19.43)	10.513	6519397	38.943 ug/ml
12) T Fluoranthene (C21.85)	12.239	6300998	40.170 ug/ml
13) T Pyrene (C20.8)	12.533	6188163	37.940 ug/ml
14) T Benzo[a]anthracene (C...	14.405	5748399	48.056 ug/ml
15) T Chrysene (C27.41)	14.446	5695730	31.046 ug/ml
16) T benzo[b]fluoranthene ...	15.955	5880421	44.787 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	6580142	38.061 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.331	5479564	37.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.702	5418796	54.290 ug/mlm
20) T Dibenz[a,h]anthracene...	17.737	6369562	40.582 ug/ml
21) T Benzo[g,h,i]perylene ...	17.952	5898538	42.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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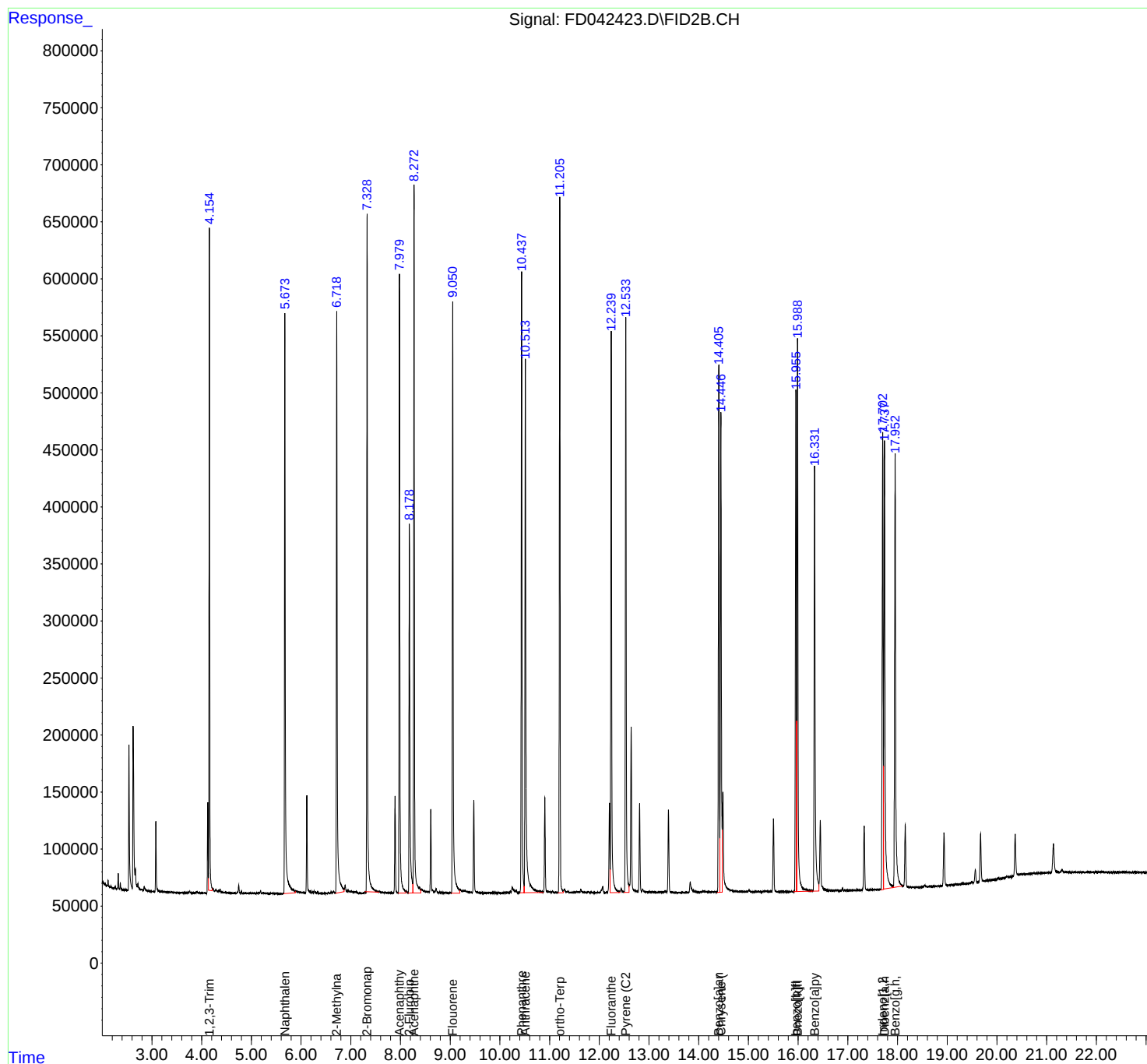
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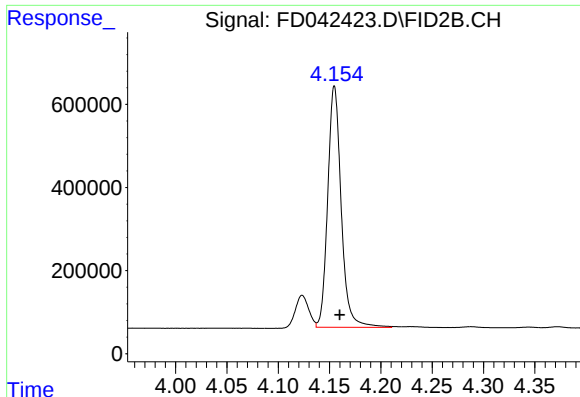
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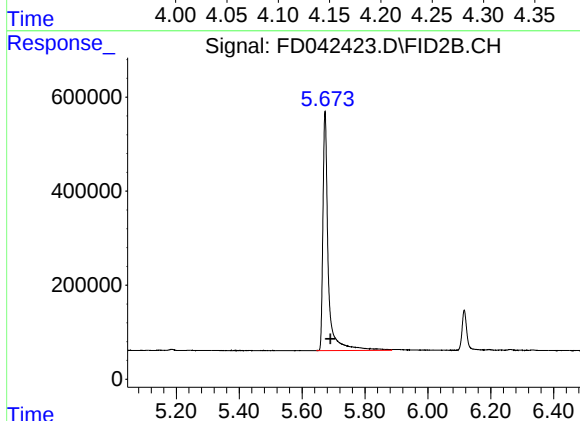
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 5309493
Conc: 34.11 ug/ml

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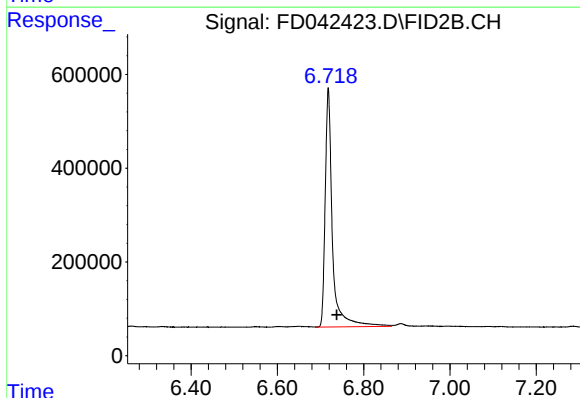
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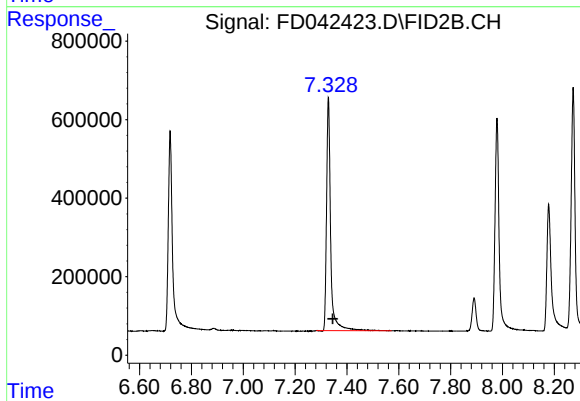
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.017 min
Response: 6041545
Conc: 38.30 ug/ml



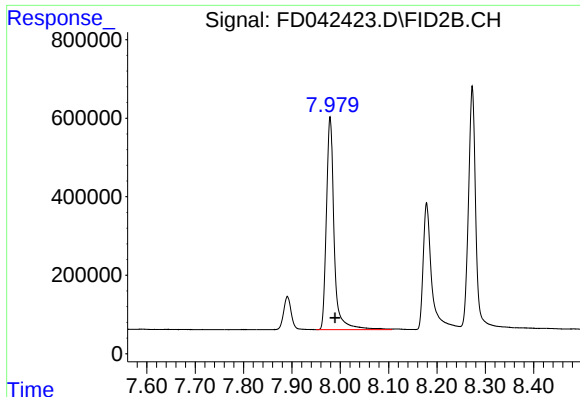
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.020 min
Response: 5948502
Conc: 41.14 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.016 min
Response: 6521084
Conc: 46.52 ug/ml



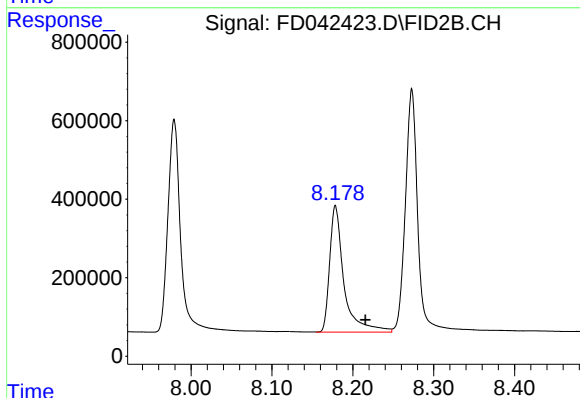
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: -0.010 min
Response: 5995014
Conc: 36.38 ug/ml

Instrument :
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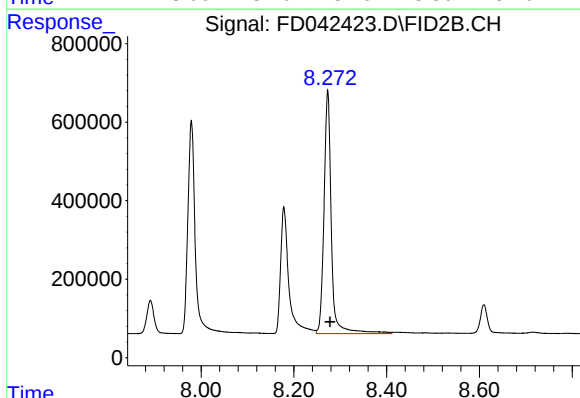
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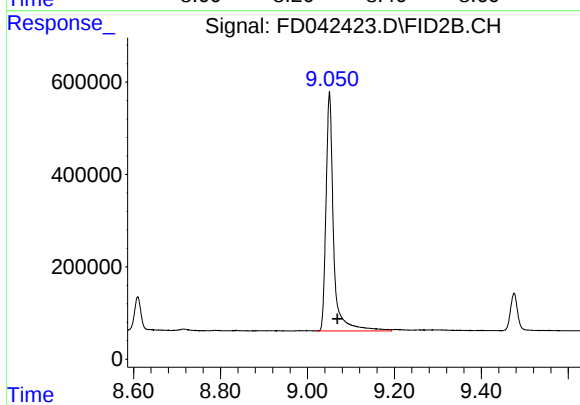
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.037 min
Response: 3963020
Conc: 55.62 ug/ml



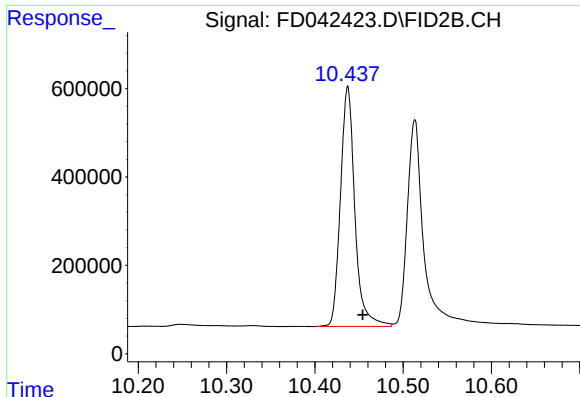
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 6799225
Conc: 36.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.019 min
Response: 6266428
Conc: 41.14 ug/ml



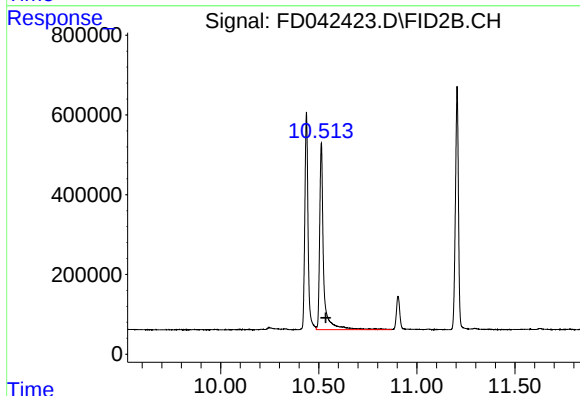
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.017 min
Response: 6163226
Conc: 41.51 ug/ml

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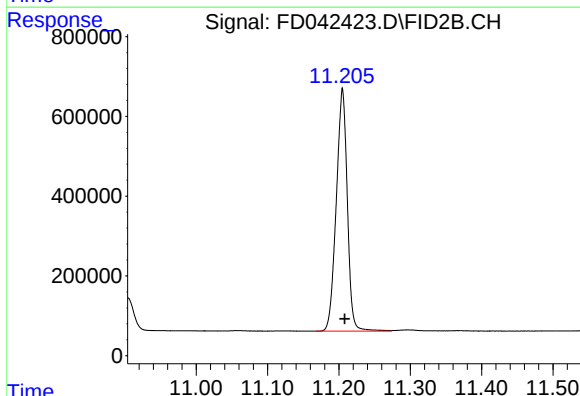
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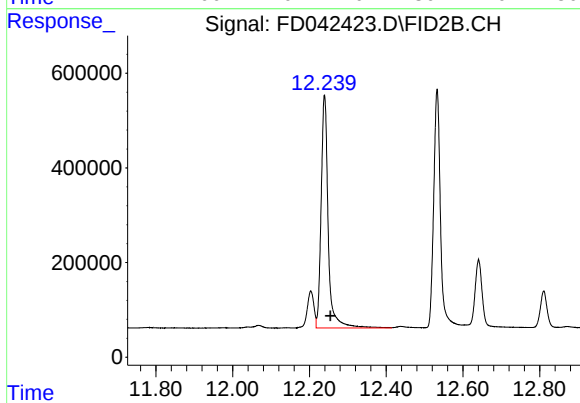
#10 Anthracene (C19.43)

R.T.: 10.513 min
Delta R.T.: -0.024 min
Response: 6519397
Conc: 38.94 ug/ml



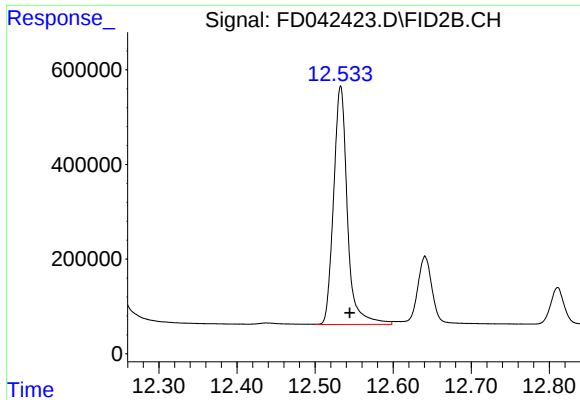
#11 ortho-Terphenyl (SURRE)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 6541537
Conc: 37.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.015 min
Response: 6300998
Conc: 40.17 ug/ml



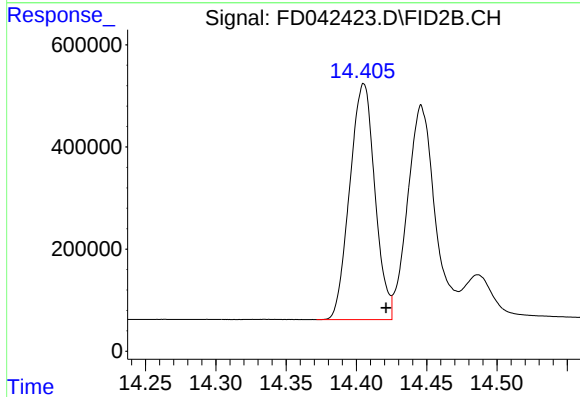
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: -0.012 min
Response: 6188163
Conc: 37.94 ug/ml

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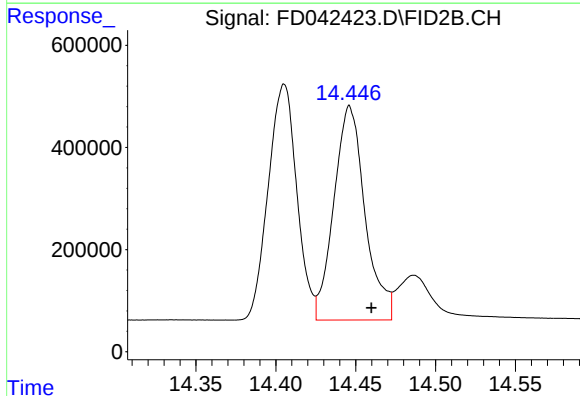
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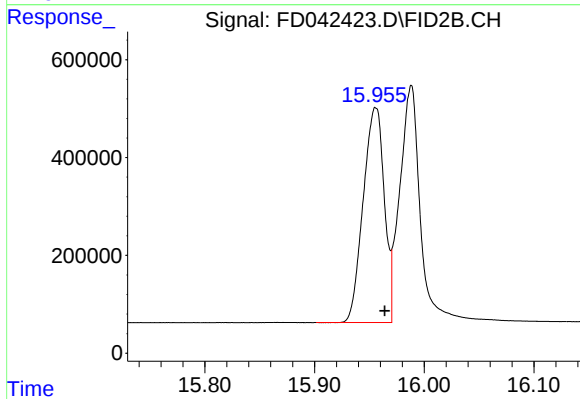
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.016 min
Response: 5748399
Conc: 48.06 ug/ml



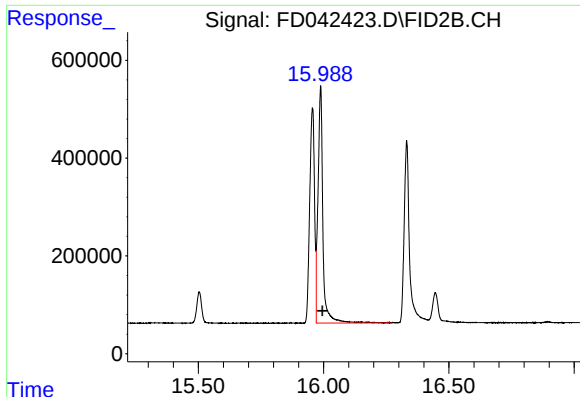
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.014 min
Response: 5695730
Conc: 31.05 ug/ml



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

R.T.: 15.955 min
Delta R.T.: -0.009 min
Response: 5880421
Conc: 44.79 ug/ml



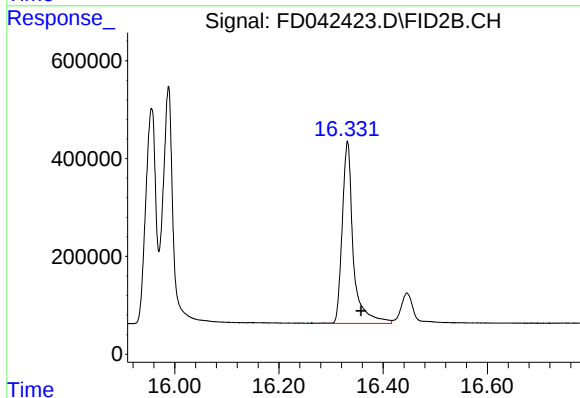
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.008 min
Response: 6580142
Conc: 38.06 ug/ml

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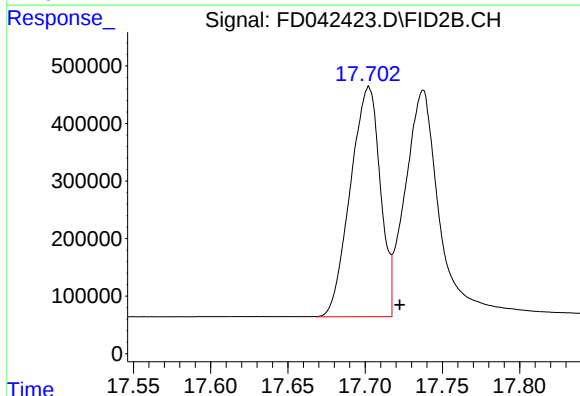
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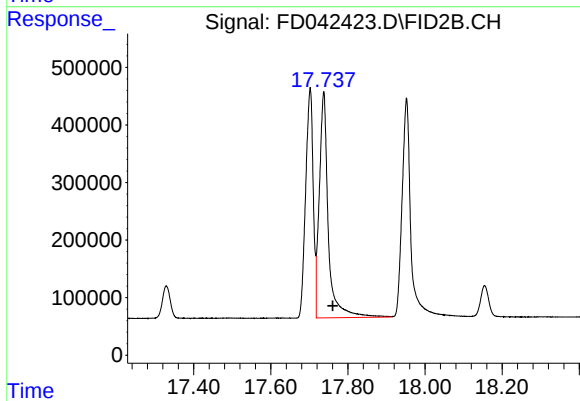
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.331 min
Delta R.T.: -0.026 min
Response: 5479564
Conc: 37.14 ug/ml



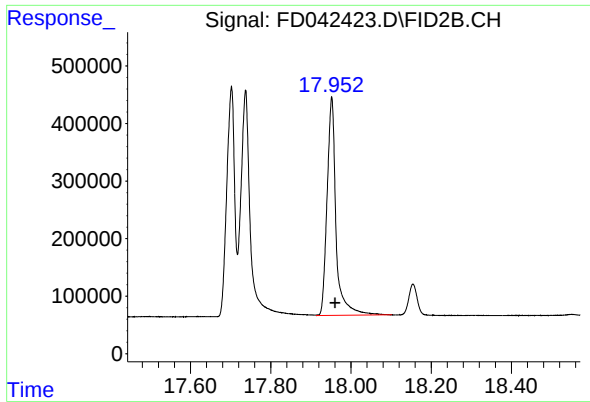
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.702 min
Delta R.T.: -0.020 min
Response: 5418796
Conc: 54.29 ug/ml m



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

R.T.: 17.737 min
Delta R.T.: -0.024 min
Response: 6369562
Conc: 40.58 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.009 min
Response: 5898538
Conc: 42.59 ug/ml

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