

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040389.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 16:57
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:02:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:01:22 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...	6.762	13908057	96.394 ug/ml
Spiked Amount 50.000		Recovery =	192.79%
6) S 2-Fluorobiphenyl (SURR)	7.611	9467318	97.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.91%#
11) S ortho-Terphenyl (SURR)	10.649	14645506	93.677 ug/ml
Spiked Amount 50.000		Recovery =	187.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.611	15209515	98.741 ug/ml
2) T Naphthalene (C11.7)	5.109	15877084	98.239 ug/ml
3) T 2-Methylnaphthalene (...)	6.152	15988670	97.426 ug/ml
5) T Acenaphthylene (C15.06)	7.417	14594349	95.767 ug/ml
7) T Acenaphthene (C15.5)	7.713	15464447	95.370 ug/ml
8) T Fluorene (C16.55)	8.490	15171188	96.512 ug/ml
9) T Phenanthrene (C19.36)	9.878	14938380	95.930 ug/ml
10) T Anthracene (C19.43)	9.954	14342874	97.298 ug/ml
12) T Fluoranthene (C21.85)	11.683	14843058	95.376 ug/ml
13) T Pyrene (C20.8)	11.978	14457320	94.964 ug/ml
14) T Benzo[a]anthracene (C...	13.844	13281652	98.836 ug/ml
15) T Chrysene (C27.41)	13.893	13836123	95.032 ug/mlm
16) T benzo[b]fluoranthene ...	15.391	13436722	97.031 ug/ml
17) T Bnezo[k]fluoranthene ...	15.433	13145535	94.636 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.770	12929637	101.961 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.135	12709986	104.819 ug/ml
20) T Dibenz[a,h]anthracene...	17.177	11896649	97.893 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.393	12616060	99.245 ug/ml

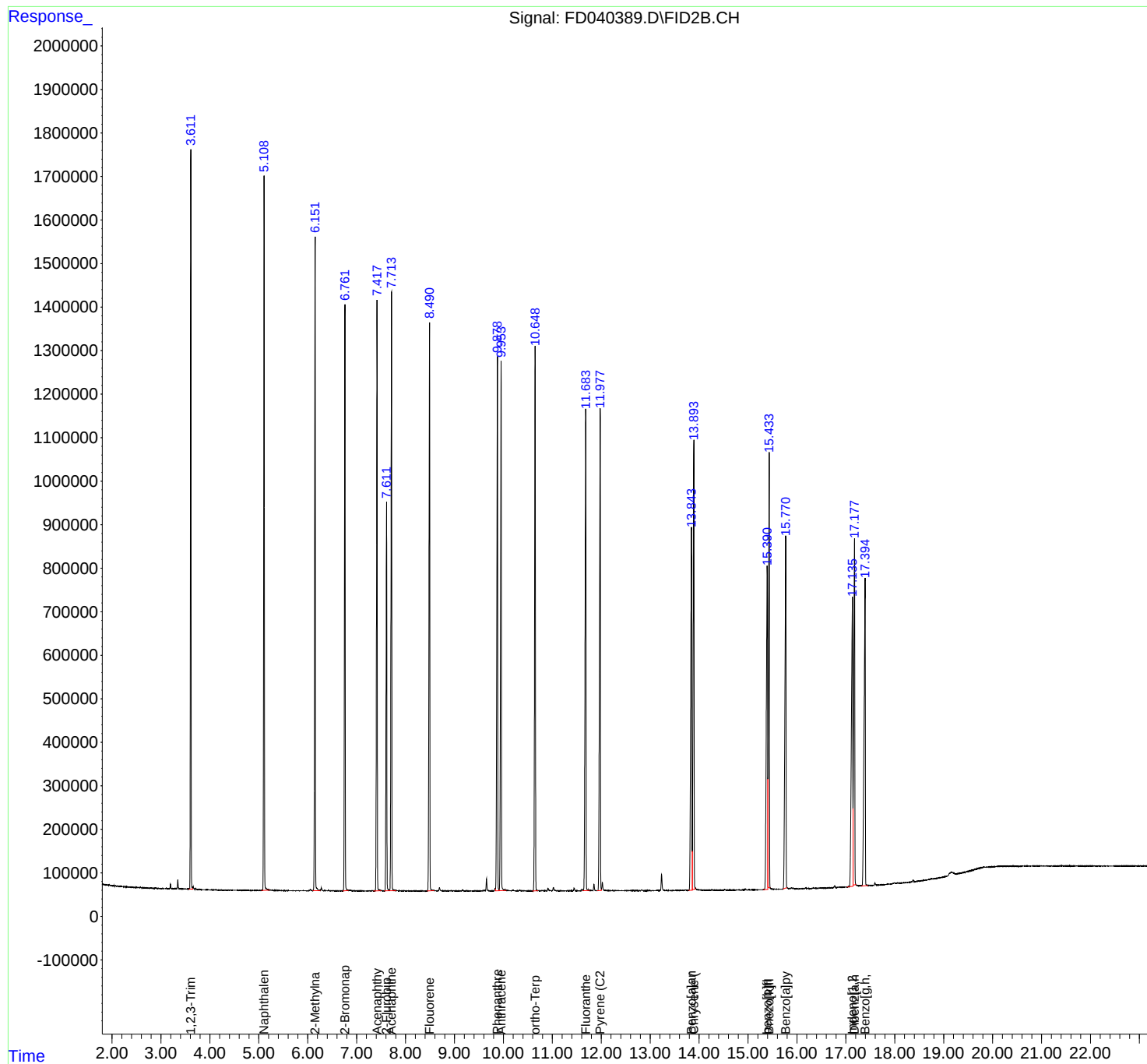
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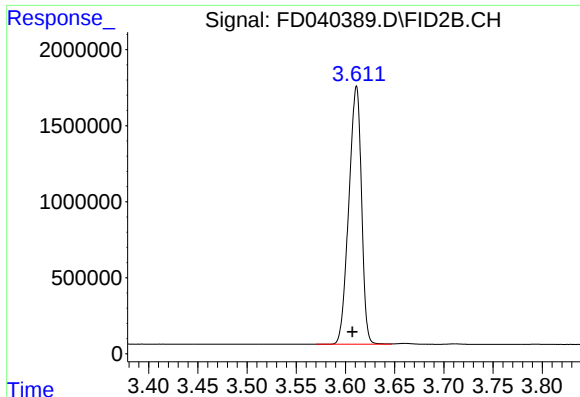
(m)=manual int.

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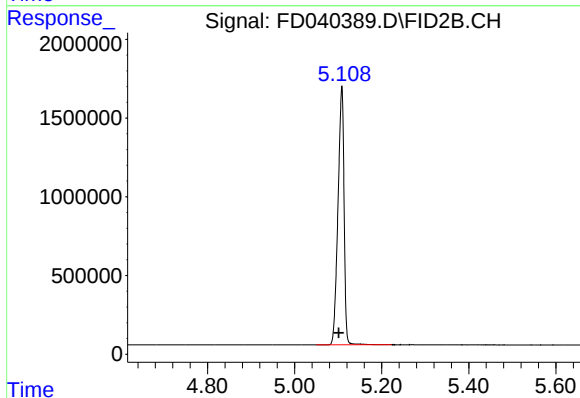
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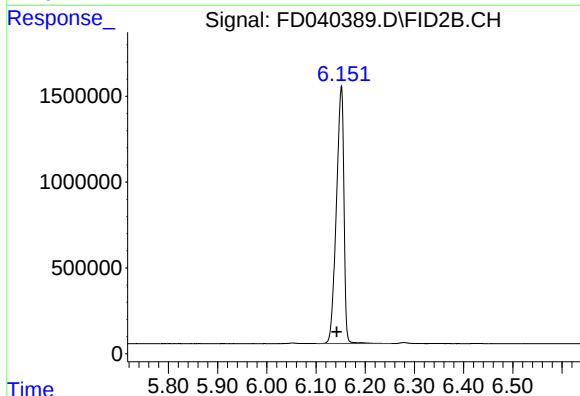
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.611 min
Delta R.T.: 0.004 min
Response: 15209515
Conc: 98.74 ug/ml



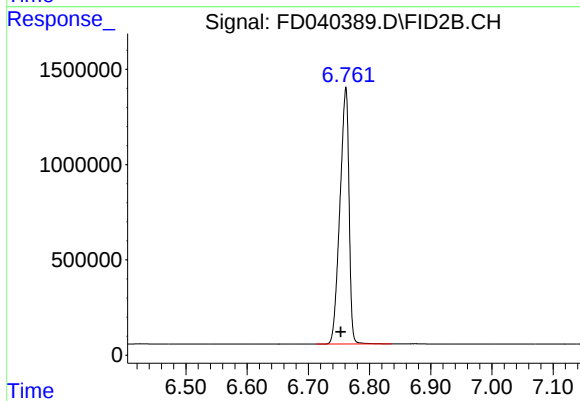
#2 Naphthalene (C11.7)

R.T.: 5.109 min
Delta R.T.: 0.008 min
Response: 15877084
Conc: 98.24 ug/ml



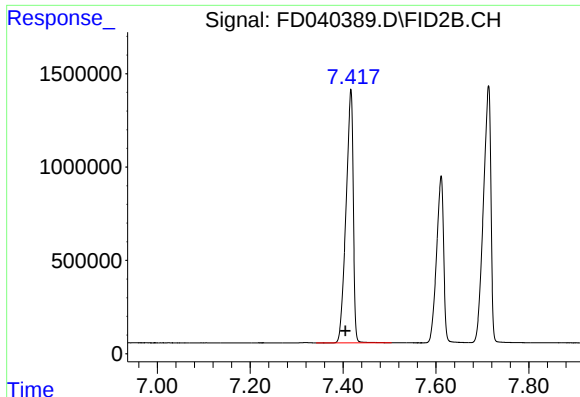
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.152 min
Delta R.T.: 0.010 min
Response: 15988670
Conc: 97.43 ug/ml



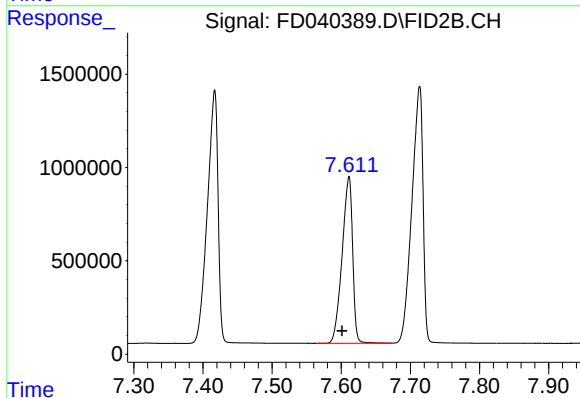
#4 2-Bromonaphthalene (SURR)

R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 13908057
Conc: 96.39 ug/ml



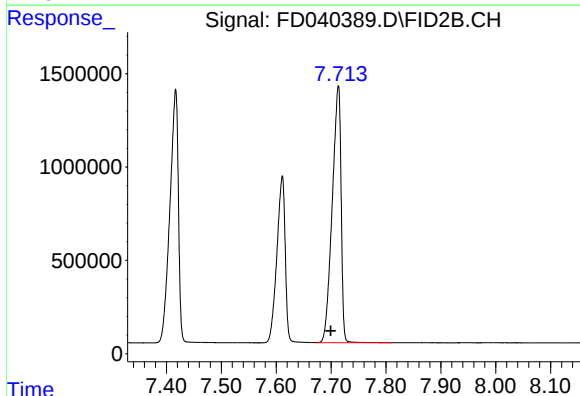
#5 Acenaphthylene (C15.06)

R.T.: 7.417 min
Delta R.T.: 0.012 min
Response: 14594349
Conc: 95.77 ug/ml



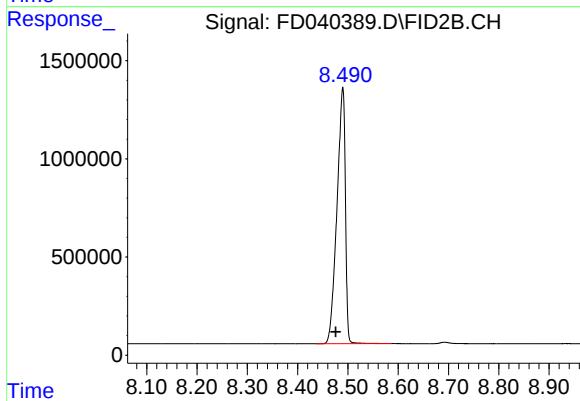
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.611 min
Delta R.T.: 0.010 min
Response: 9467318
Conc: 97.95 ug/ml



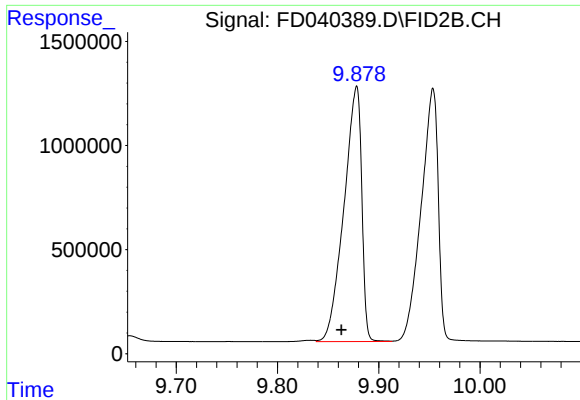
#7 Acenaphthene (C15.5)

R.T.: 7.713 min
Delta R.T.: 0.014 min
Response: 15464447
Conc: 95.37 ug/ml



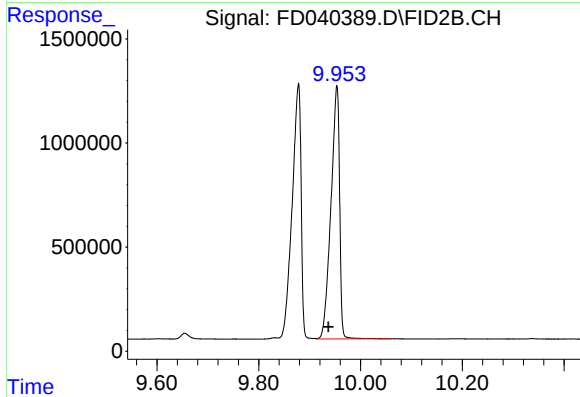
#8 Flouorene (C16.55)

R.T.: 8.490 min
Delta R.T.: 0.014 min
Response: 15171188
Conc: 96.51 ug/ml



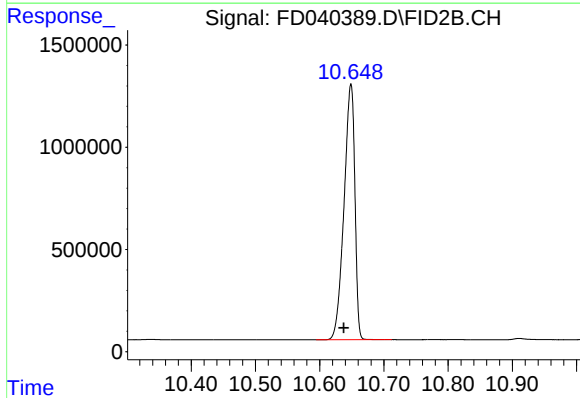
#9 Phenanthrene (C19.36)

R.T.: 9.878 min
Delta R.T.: 0.015 min
Response: 14938380
Conc: 95.93 ug/ml



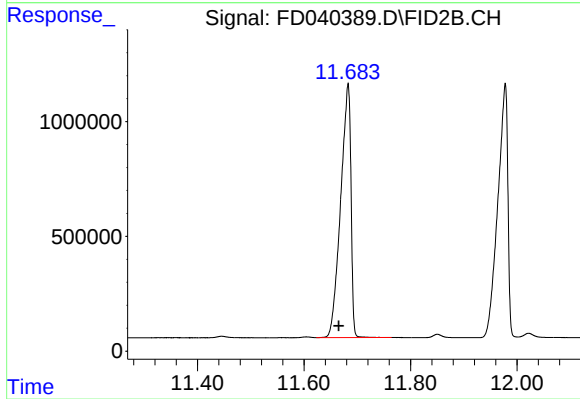
#10 Anthracene (C19.43)

R.T.: 9.954 min
Delta R.T.: 0.017 min
Response: 14342874
Conc: 97.30 ug/ml



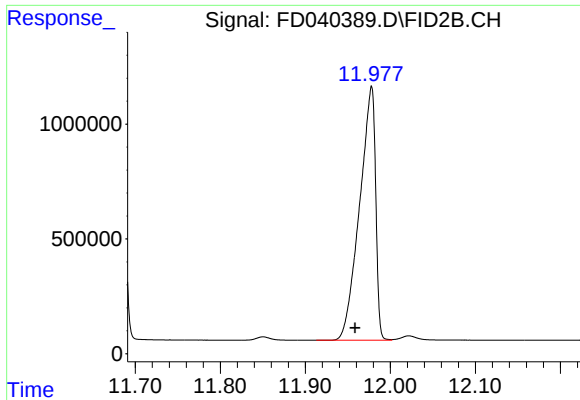
#11 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: 0.011 min
Response: 14645506
Conc: 93.68 ug/ml



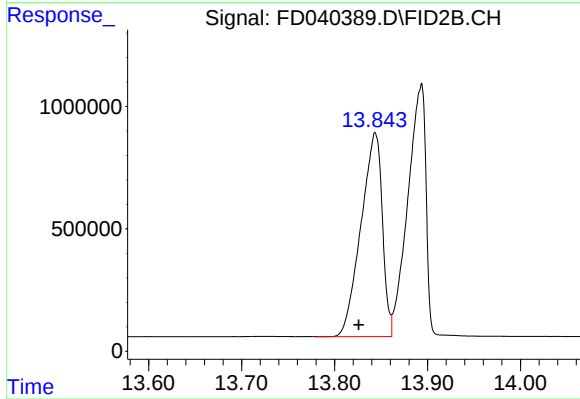
#12 Fluoranthene (C21.85)

R.T.: 11.683 min
Delta R.T.: 0.017 min
Response: 14843058
Conc: 95.38 ug/ml



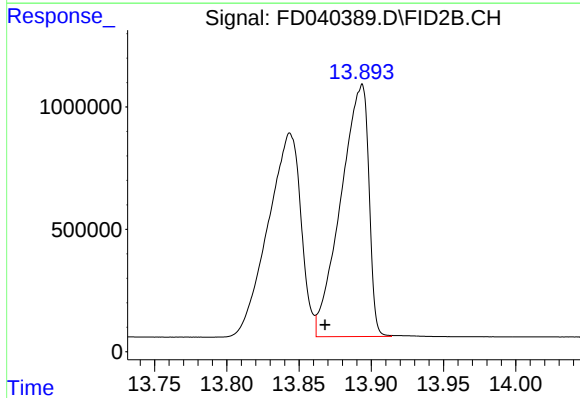
#13 Pyrene (C20.8)

R.T.: 11.978 min
Delta R.T.: 0.019 min
Response: 14457320
Conc: 94.96 ug/ml



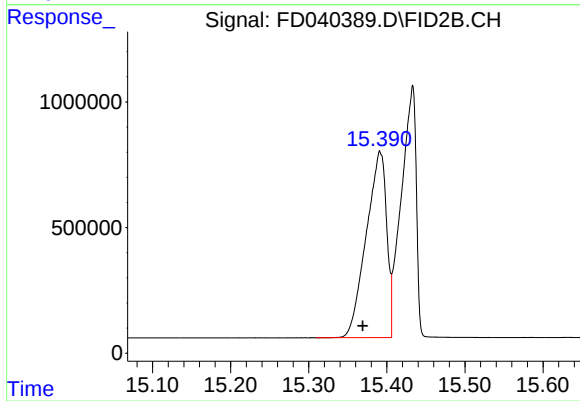
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.844 min
Delta R.T.: 0.018 min
Response: 13281652
Conc: 98.84 ug/ml



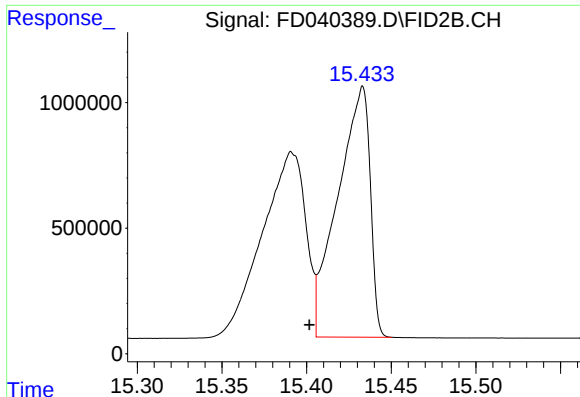
#15 Chrysene (C27.41)

R.T.: 13.893 min
Delta R.T.: 0.025 min
Response: 13836123
Conc: 95.03 ug/ml m



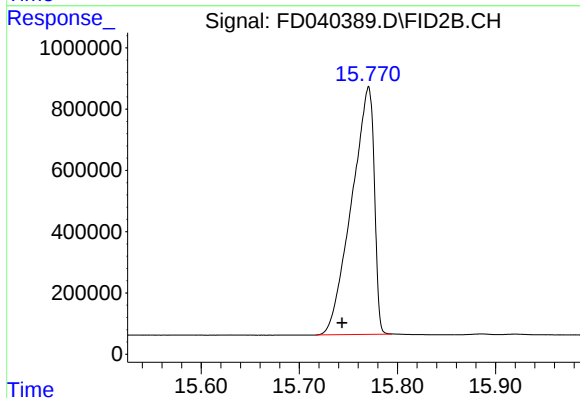
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.391 min
Delta R.T.: 0.022 min
Response: 13436722
Conc: 97.03 ug/ml



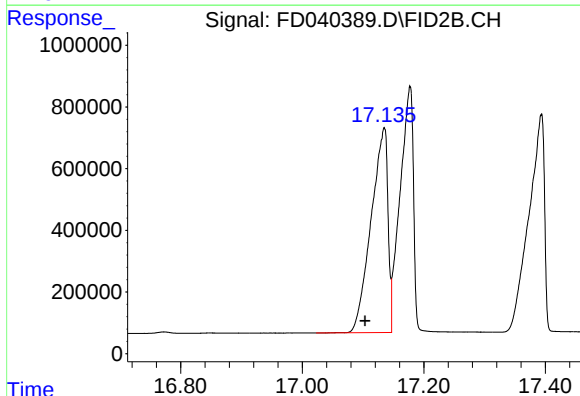
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.433 min
Delta R.T.: 0.031 min
Response: 13145535
Conc: 94.64 ug/ml m



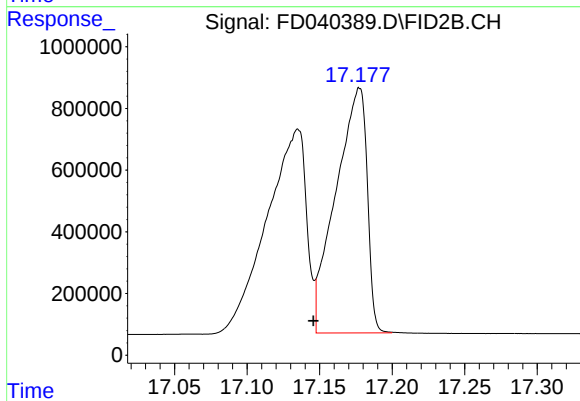
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.770 min
Delta R.T.: 0.027 min
Response: 12929637
Conc: 101.96 ug/ml m



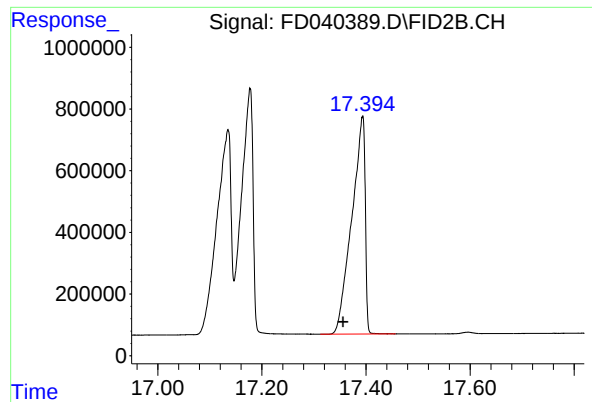
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.135 min
Delta R.T.: 0.032 min
Response: 12709986
Conc: 104.82 ug/ml



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

R.T.: 17.177 min
Delta R.T.: 0.031 min
Response: 11896649
Conc: 97.89 ug/ml m



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

R.T.: 17.393 min
Delta R.T.: 0.037 min
Response: 12616060
Conc: 99.25 ug/ml