

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020422AR\
 Data File : FD040890.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2022 14:11
 Operator : AJ\MA
 Sample : N1378-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ASTORIA-YARD-PIT-11-STOCKPILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2022
 Supervised By :Ankita Jodhani 02/07/2022

Integration File: autoint1.e
 Quant Time: Feb 05 00:24:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 06:38:14 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...	6.718	5495496	45.612 ug/ml
Spiked Amount 50.000		Recovery =	91.22%
6) S 2-Fluorobiphenyl (SURR)	7.566	3815291	47.959 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.92%
11) S ortho-Terphenyl (SURR)	10.598	5683460	40.438 ug/ml
Spiked Amount 50.000		Recovery =	80.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.581	3968980	30.114 ug/ml
2) T Naphthalene (C11.7)	5.069	4782194	35.209 ug/ml
3) T 2-Methylnaphthalene (...)	6.108	5147389	37.470 ug/ml
5) T Acenaphthylene (C15.06)	7.370	5554913	40.352 ug/ml
7) T Acenaphthene (C15.5)	7.664	5965549	40.057 ug/ml
8) T Flouorene (C16.55)	8.440	5877350	44.009 ug/ml
9) T Phenanthrene (C19.36)	9.826	6382904	47.501 ug/ml
10) T Anthracene (C19.43)	9.901	6053227	44.785 ug/ml
12) T Fluoranthene (C21.85)	11.629	7286725	52.251 ug/ml
13) T Pyrene (C20.8)	11.923	6892859	48.727 ug/ml
14) T Benzo[a]anthracene (C...	13.789	6380032	48.119 ug/ml
15) T Chrysene (C27.41)	13.833	6494071	43.387 ug/ml
16) T benzo[b]fluoranthene ...	15.335	6539016	47.846 ug/ml
17) T Bnezo[k]fluoranthene ...	15.370	6020575	41.595 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.710	5816544	44.131 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.072	5461509	43.878 ug/ml
20) T Dibenz[a,h]anthracene...	17.113	5647865	41.833 ug/ml
21) T Benzo[g,h,i]perylene ...	17.326	5734918	45.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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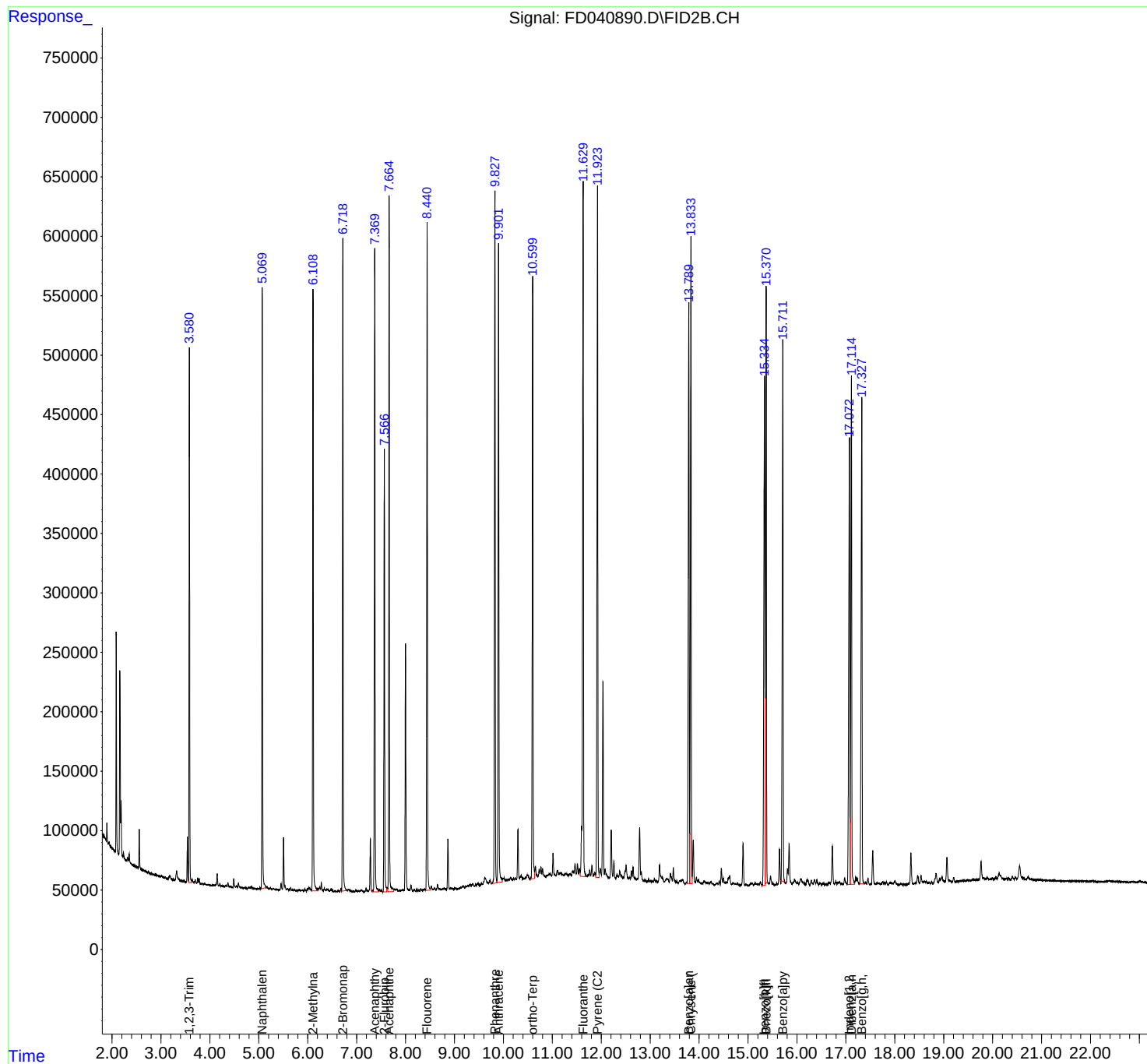
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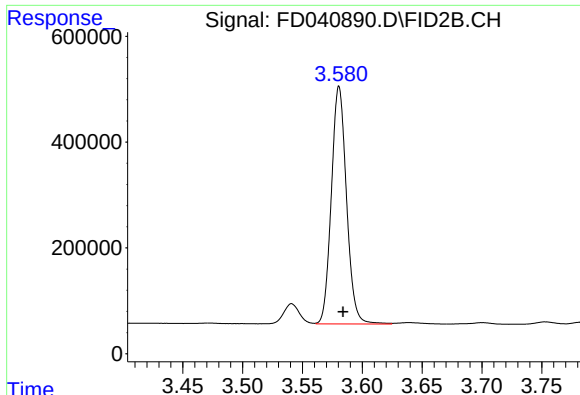
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.581 min
Delta R.T.: -0.003 min
Response: 3968980
Conc: 30.11 ug/ml

Instrument :

FID_D

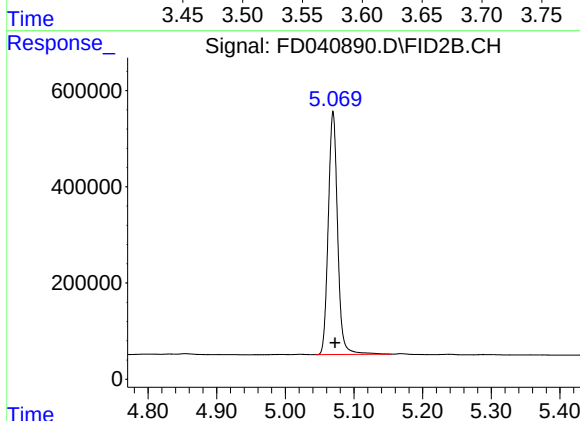
ClientSampleId :

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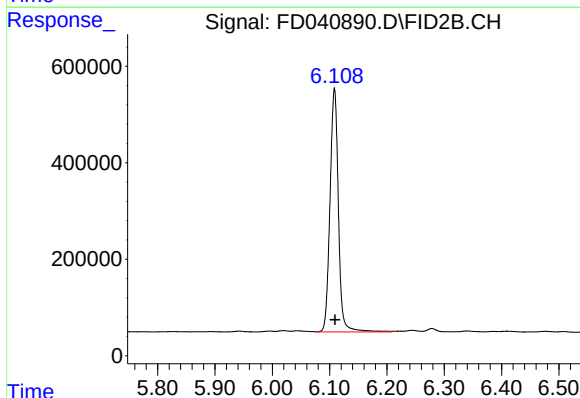
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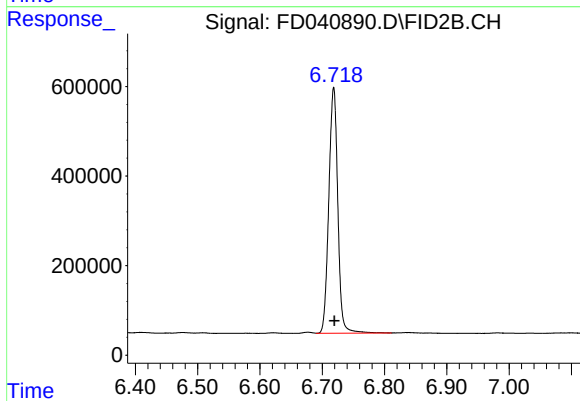
#2 Naphthalene (C11.7)

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 4782194
Conc: 35.21 ug/ml



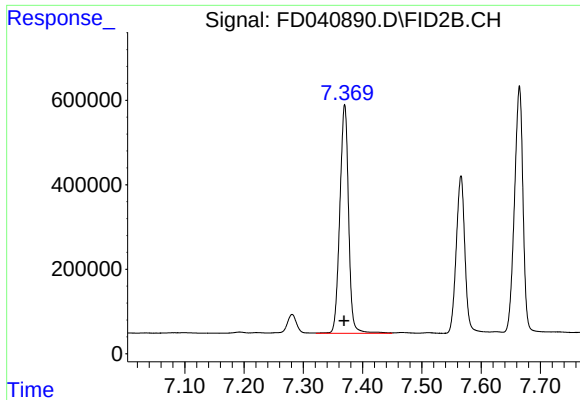
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 5147389
Conc: 37.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 5495496
Conc: 45.61 ug/ml



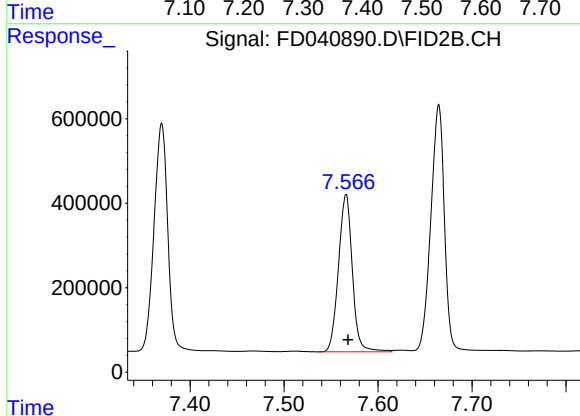
#5 Acenaphthylene (C15.06)

R.T.: 7.370 min
Delta R.T.: 0.001 min
Response: 5554913
Conc: 40.35 ug/ml

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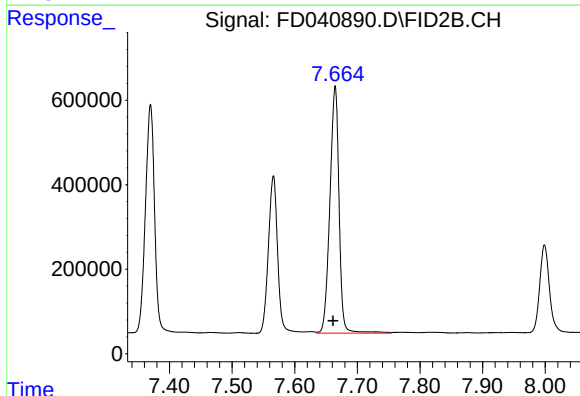
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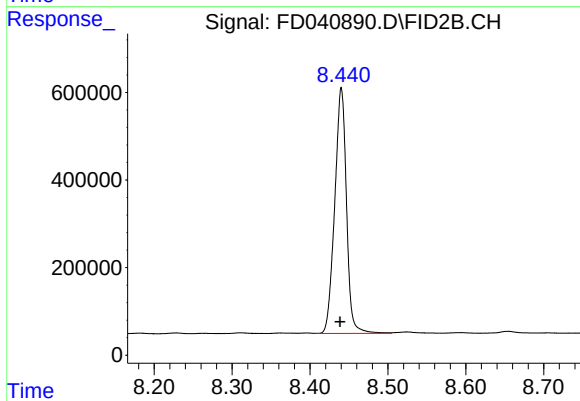
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.566 min
Delta R.T.: -0.002 min
Response: 3815291
Conc: 47.96 ug/ml



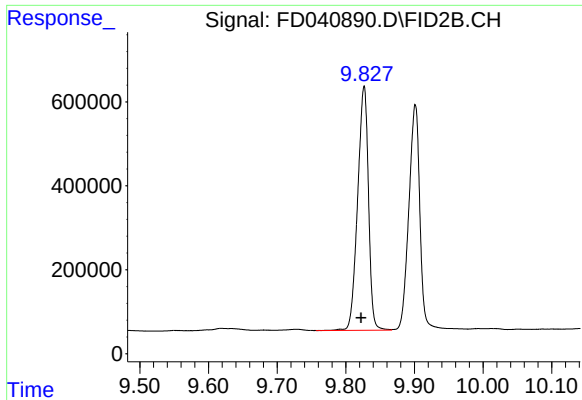
#7 Acenaphthene (C15.5)

R.T.: 7.664 min
Delta R.T.: 0.003 min
Response: 5965549
Conc: 40.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.440 min
Delta R.T.: 0.002 min
Response: 5877350
Conc: 44.01 ug/ml



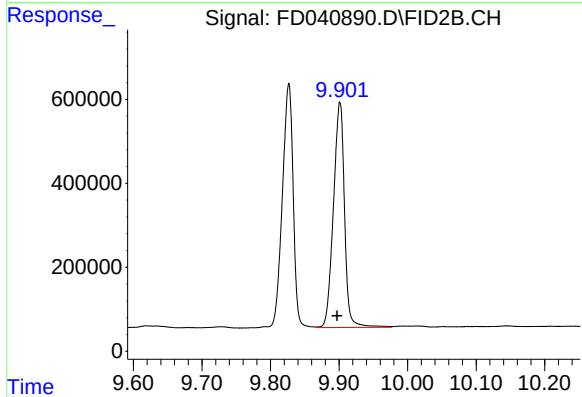
#9 Phenanthrene (C19.36)

R.T.: 9.826 min
Delta R.T.: 0.004 min
Response: 6382904
Conc: 47.50 ug/ml

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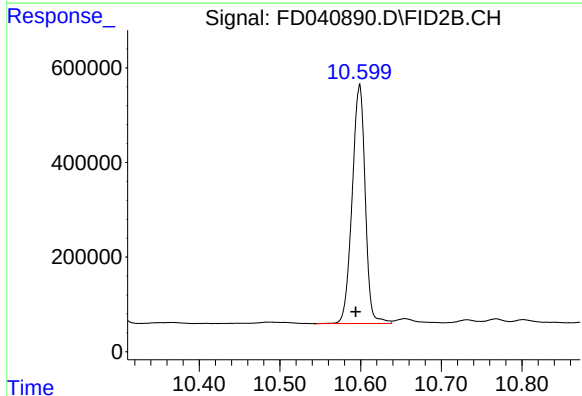
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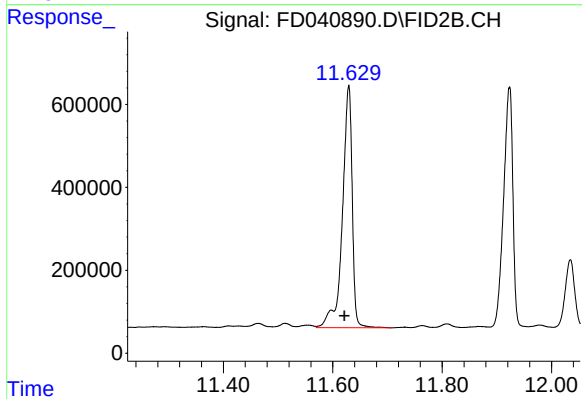
#10 Anthracene (C19.43)

R.T.: 9.901 min
Delta R.T.: 0.004 min
Response: 6053227
Conc: 44.79 ug/ml



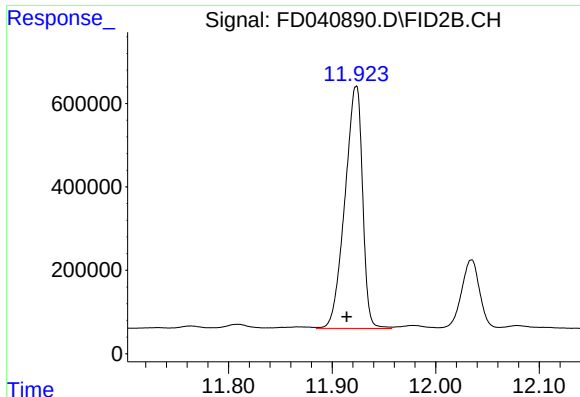
#11 ortho-Terphenyl (SURR)

R.T.: 10.598 min
Delta R.T.: 0.005 min
Response: 5683460
Conc: 40.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.629 min
Delta R.T.: 0.007 min
Response: 7286725
Conc: 52.25 ug/ml



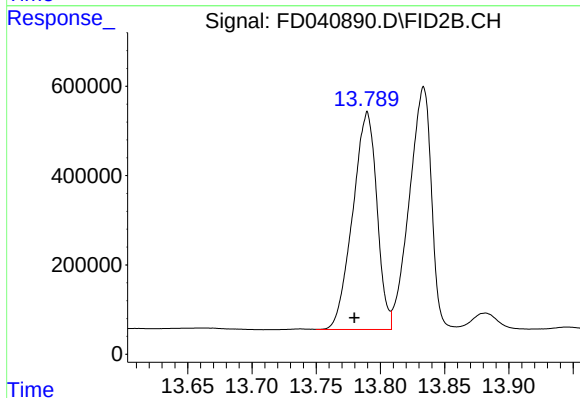
#13 Pyrene (C20.8)

R.T.: 11.923 min
Delta R.T.: 0.009 min
Response: 6892859
Conc: 48.73 ug/ml

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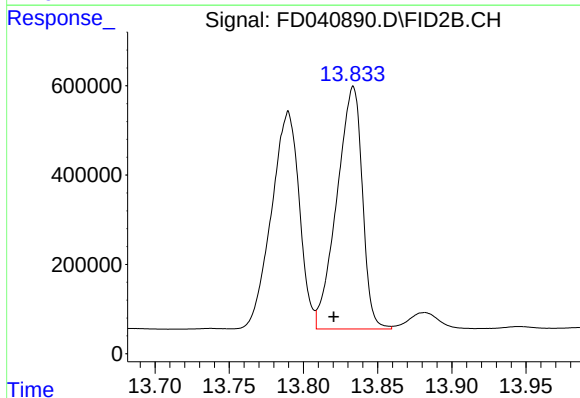
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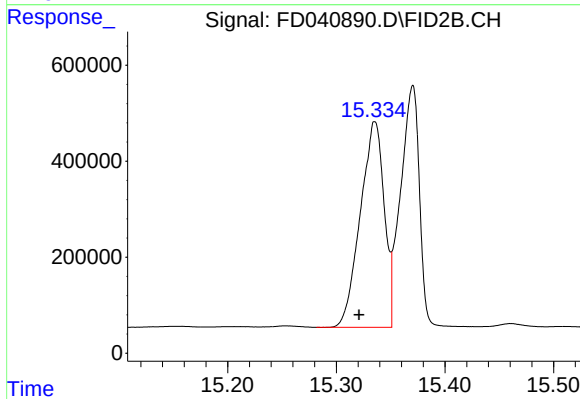
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.789 min
Delta R.T.: 0.010 min
Response: 6380032
Conc: 48.12 ug/ml



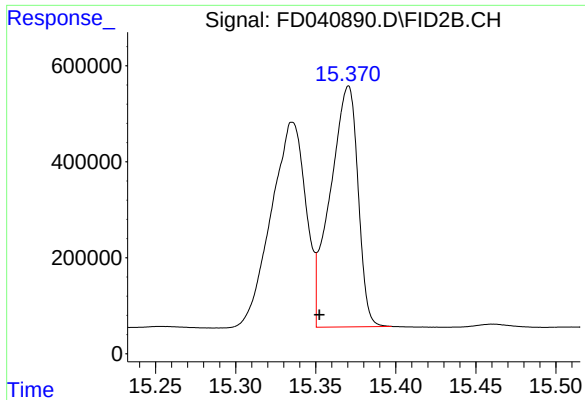
#15 Chrysene (C27.41)

R.T.: 13.833 min
Delta R.T.: 0.013 min
Response: 6494071
Conc: 43.39 ug/ml



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

R.T.: 15.335 min
Delta R.T.: 0.014 min
Response: 6539016
Conc: 47.85 ug/ml



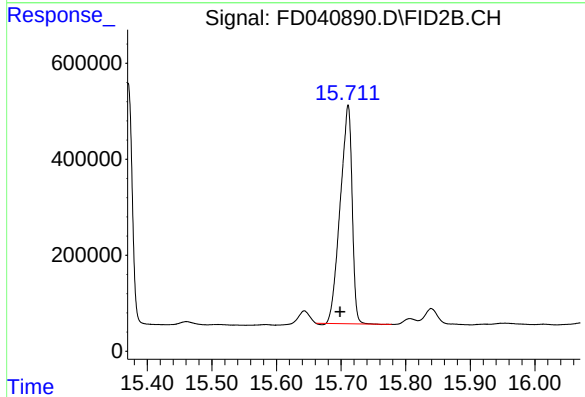
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.370 min
Delta R.T.: 0.018 min
Response: 6020575
Conc: 41.59 ug/ml

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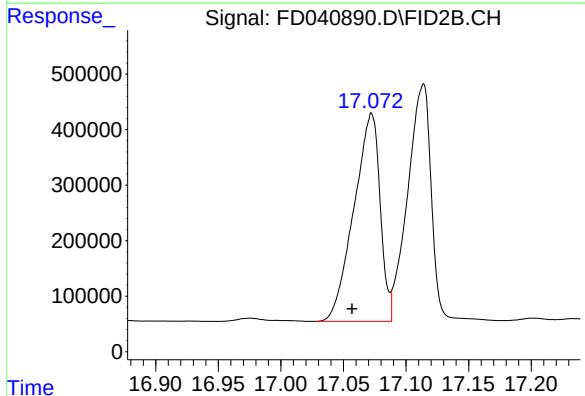
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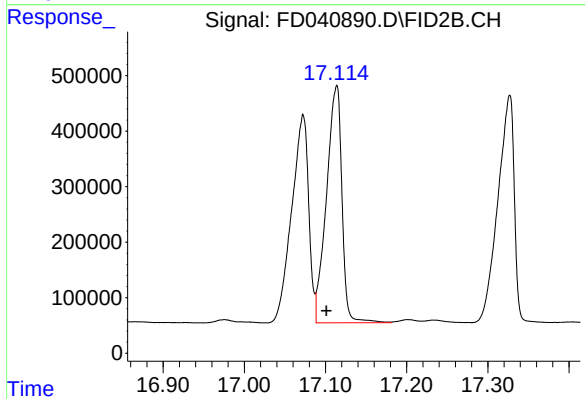
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.710 min
Delta R.T.: 0.012 min
Response: 5816544
Conc: 44.13 ug/ml



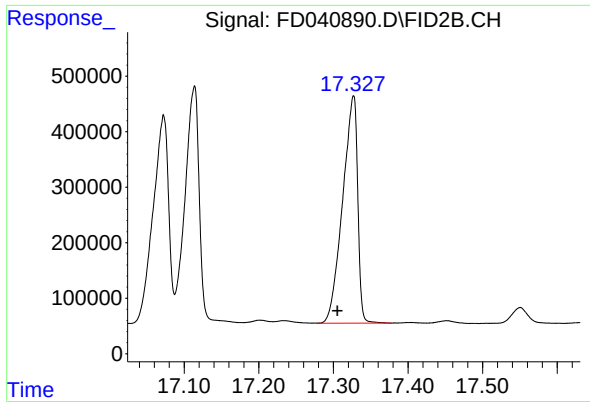
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.072 min
Delta R.T.: 0.015 min
Response: 5461509
Conc: 43.88 ug/ml



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

R.T.: 17.113 min
Delta R.T.: 0.012 min
Response: 5647865
Conc: 41.83 ug/ml



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

R.T.: 17.326 min
Delta R.T.: 0.021 min
Response: 5734918
Conc: 45.89 ug/ml

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