

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020422AR\
 Data File : FD040891.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2022 14:44
 Operator : AJ\MA
 Sample : N1378-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

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

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 00:24:20 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...	6.719	5519979	45.815 ug/ml
Spiked Amount 50.000		Recovery =	91.63%
6) S 2-Fluorobiphenyl (SURR)	7.566	3830081	48.145 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.29%
11) S ortho-Terphenyl (SURR)	10.598	6032107	42.919 ug/ml
Spiked Amount 50.000		Recovery =	85.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.581	3981079	30.206 ug/ml
2) T Naphthalene (C11.7)	5.070	4801046	35.348 ug/ml
3) T 2-Methylnaphthalene (...)	6.109	5159893	37.561 ug/ml
5) T Acenaphthylene (C15.06)	7.370	5572479	40.479 ug/ml
7) T Acenaphthene (C15.5)	7.665	5986785	40.200 ug/ml
8) T Flouorene (C16.55)	8.440	5897112	44.157 ug/ml
9) T Phenanthrene (C19.36)	9.826	6648281	49.476 ug/ml
10) T Anthracene (C19.43)	9.900	6342327	46.924 ug/ml
12) T Fluoranthene (C21.85)	11.628	6725362	48.226 ug/mlm
13) T Pyrene (C20.8)	11.922	7106317	50.236 ug/ml
14) T Benzo[a]anthracene (C...	13.789	6371719	48.056 ug/ml
15) T Chrysene (C27.41)	13.832	6484198	43.321 ug/ml
16) T benzo[b]fluoranthene ...	15.335	6530244	47.782 ug/ml
17) T Bnezo[k]fluoranthene ...	15.369	6053377	41.821 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.710	5818209	44.143 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.072	5463511	43.894 ug/ml
20) T Dibenz[a,h]anthracene...	17.114	5645179	41.814 ug/ml
21) T Benzo[g,h,i]perylene ...	17.326	5737468	45.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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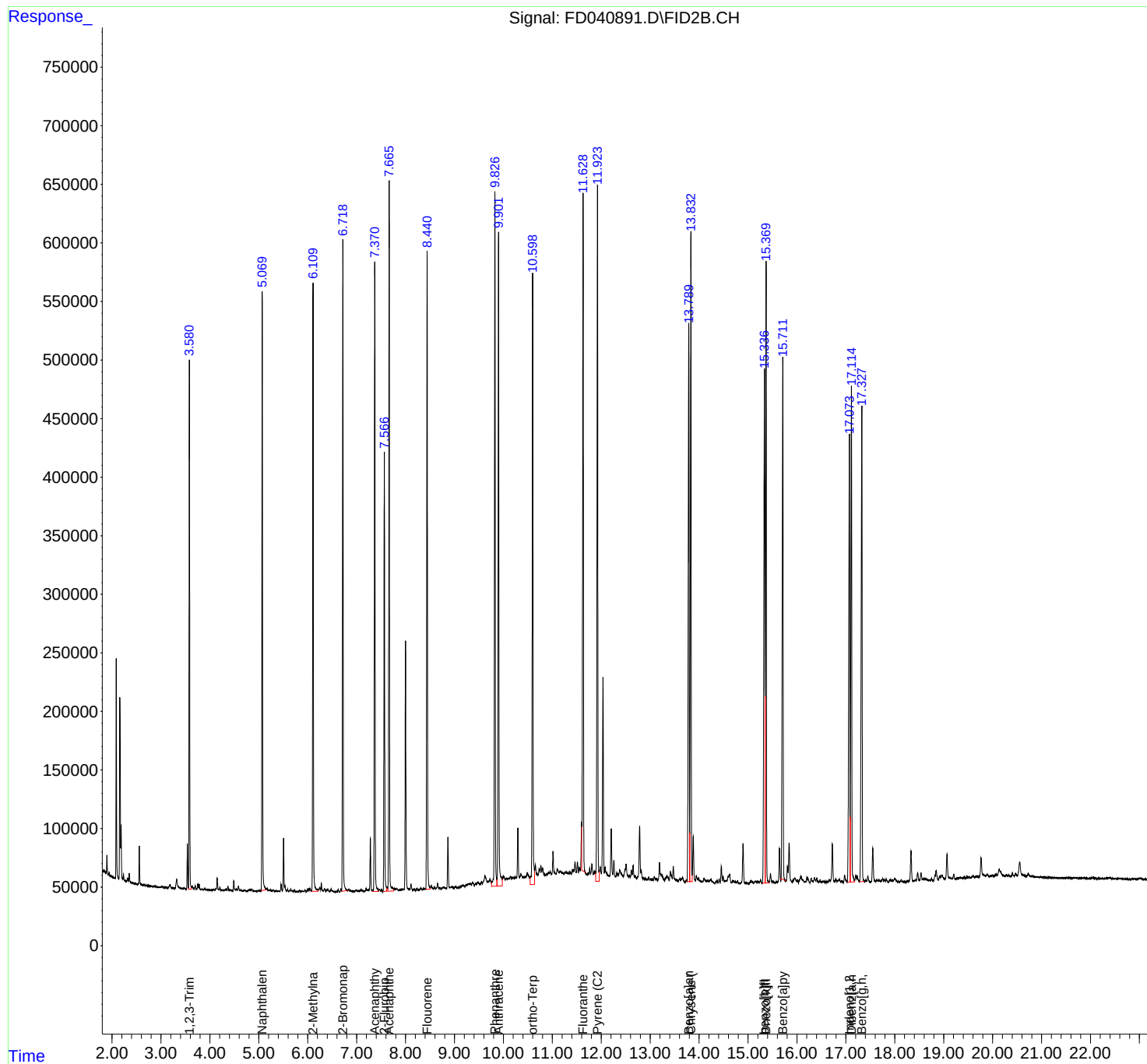
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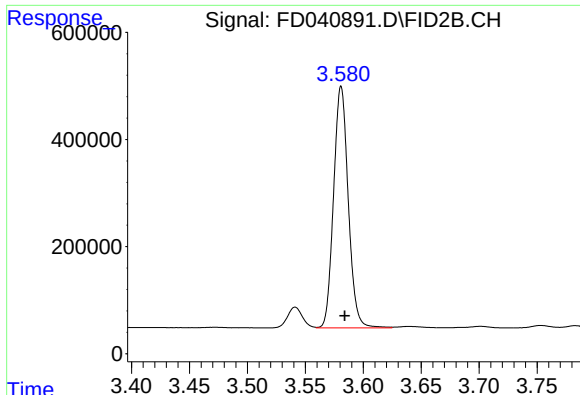
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.581 min
Delta R.T.: -0.003 min
Response: 3981079
Conc: 30.21 ug/ml

Instrument :

FID_D

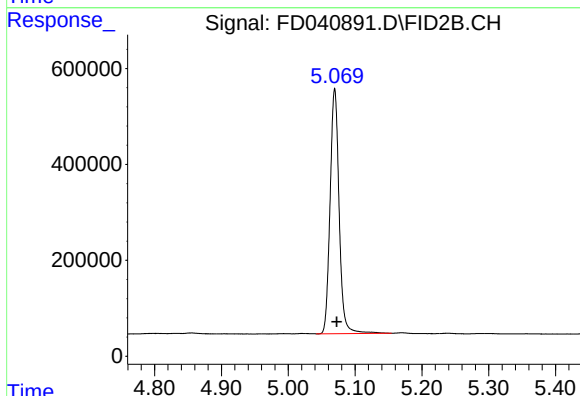
ClientSampleId :

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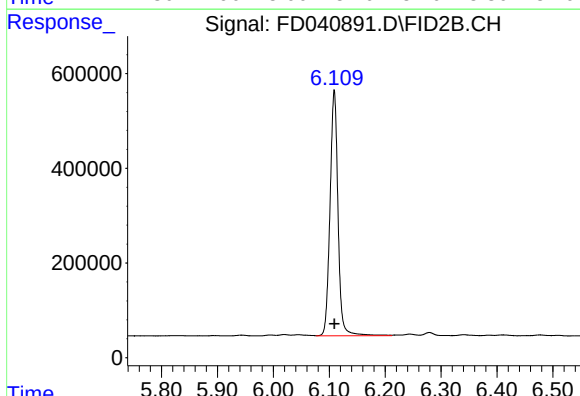
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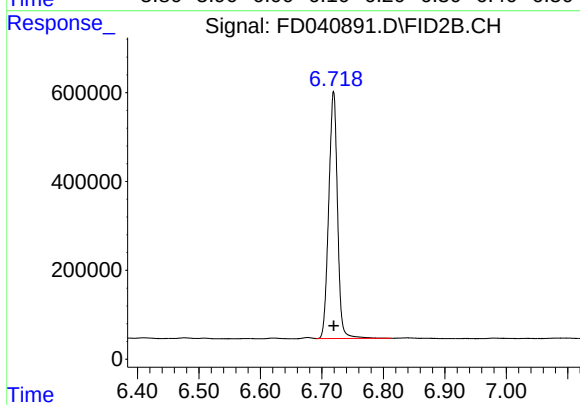
#2 Naphthalene (C11.7)

R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 4801046
Conc: 35.35 ug/ml



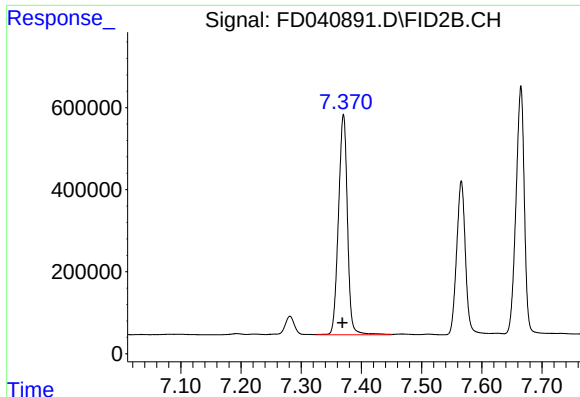
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 5159893
Conc: 37.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 5519979
Conc: 45.81 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 5572479
Conc: 40.48 ug/ml

Instrument :

FID_D

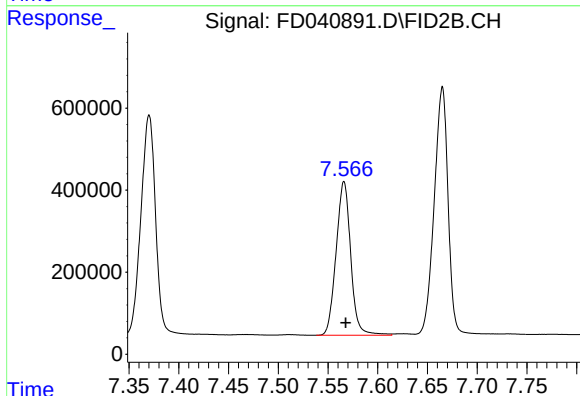
ClientSampleId :

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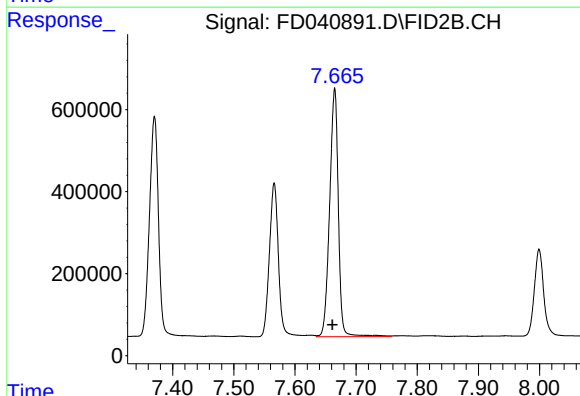
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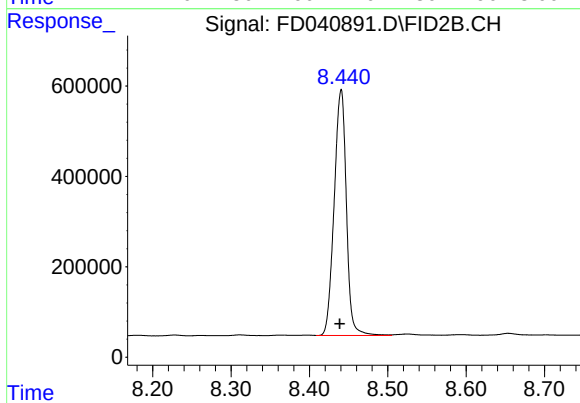
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.566 min
Delta R.T.: -0.002 min
Response: 3830081
Conc: 48.14 ug/ml



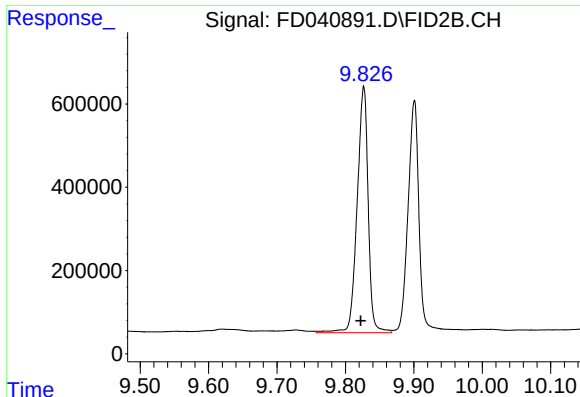
#7 Acenaphthene (C15.5)

R.T.: 7.665 min
Delta R.T.: 0.003 min
Response: 5986785
Conc: 40.20 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.440 min
Delta R.T.: 0.002 min
Response: 5897112
Conc: 44.16 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.826 min
Delta R.T.: 0.004 min
Response: 6648281
Conc: 49.48 ug/ml

Instrument :

FID_D

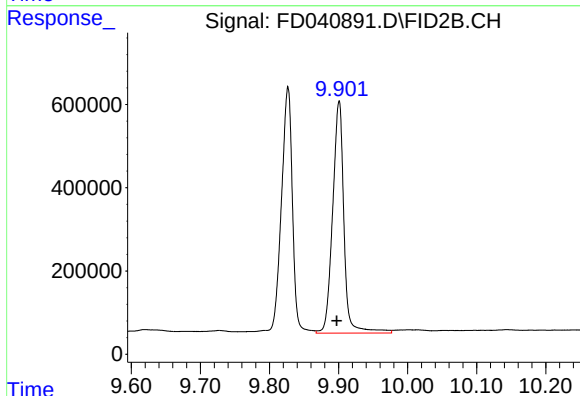
ClientSampleId :

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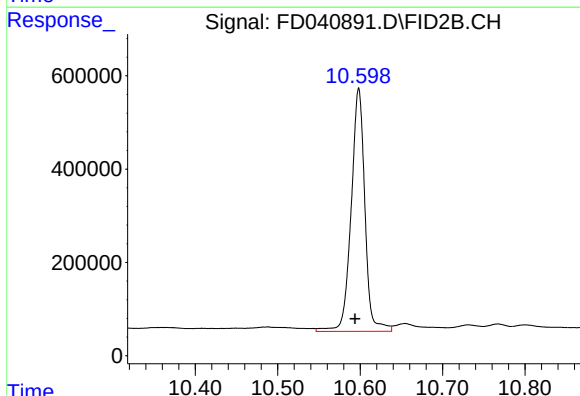
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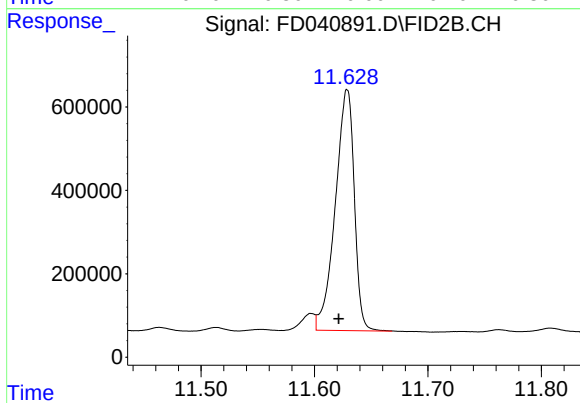
#10 Anthracene (C19.43)

R.T.: 9.900 min
Delta R.T.: 0.003 min
Response: 6342327
Conc: 46.92 ug/ml



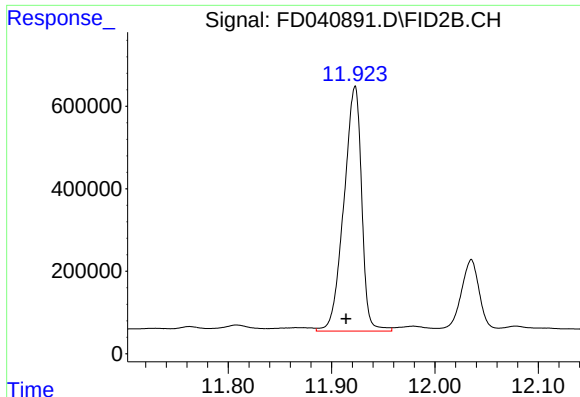
#11 ortho-Terphenyl (SURR)

R.T.: 10.598 min
Delta R.T.: 0.004 min
Response: 6032107
Conc: 42.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.628 min
Delta R.T.: 0.007 min
Response: 6725362
Conc: 48.23 ug/ml m



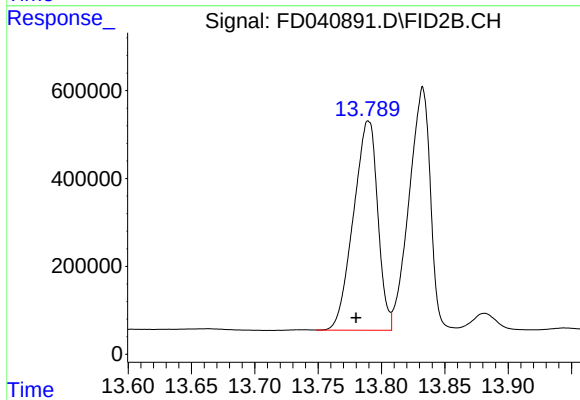
#13 Pyrene (C20.8)

R.T.: 11.922 min
Delta R.T.: 0.008 min
Response: 7106317
Conc: 50.24 ug/ml

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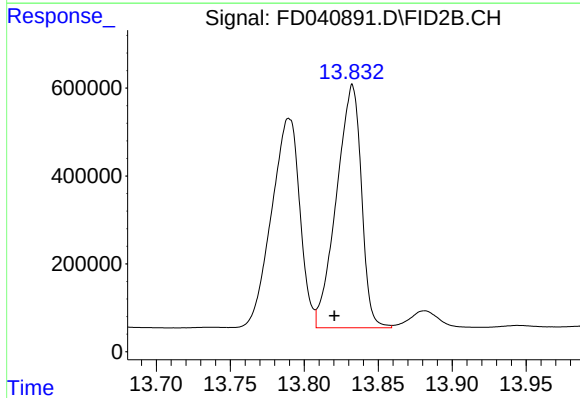
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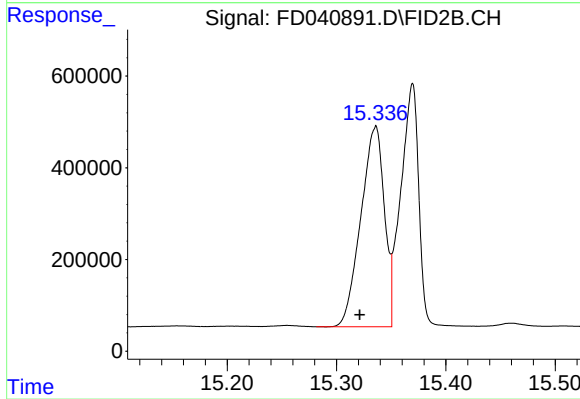
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.789 min
Delta R.T.: 0.009 min
Response: 6371719
Conc: 48.06 ug/ml



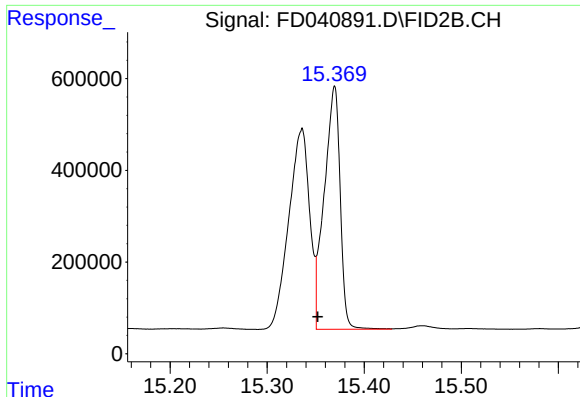
#15 Chrysene (C27.41)

R.T.: 13.832 min
Delta R.T.: 0.011 min
Response: 6484198
Conc: 43.32 ug/ml



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

R.T.: 15.335 min
Delta R.T.: 0.014 min
Response: 6530244
Conc: 47.78 ug/ml



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

R.T.: 15.369 min
Delta R.T.: 0.016 min
Response: 6053377
Conc: 41.82 ug/ml

Instrument :

FID_D

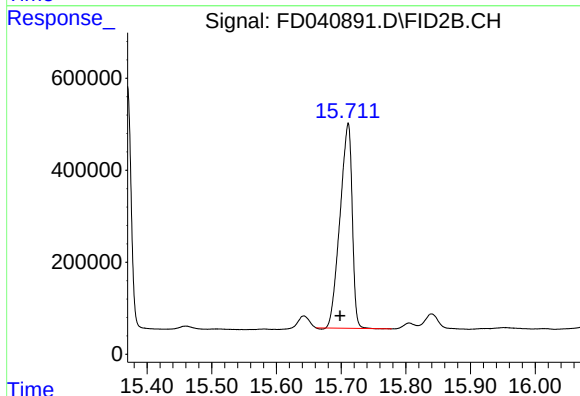
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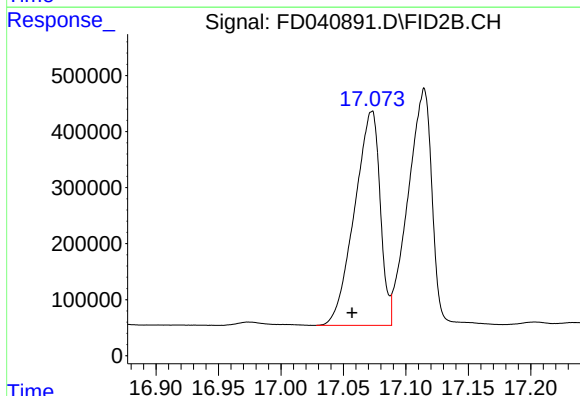
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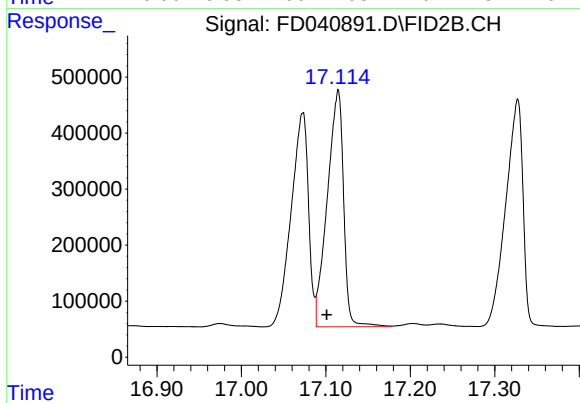
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.710 min
Delta R.T.: 0.012 min
Response: 5818209
Conc: 44.14 ug/ml



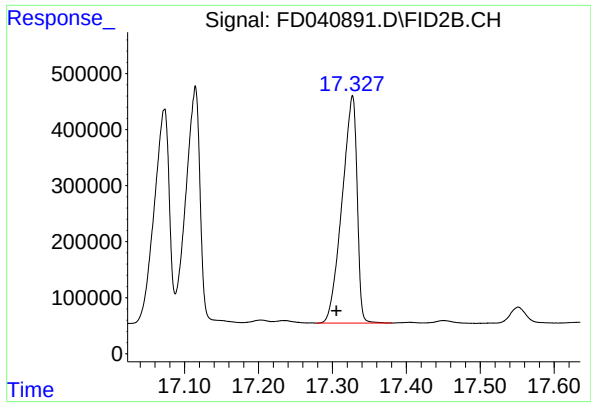
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.072 min
Delta R.T.: 0.015 min
Response: 5463511
Conc: 43.89 ug/ml



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

R.T.: 17.114 min
Delta R.T.: 0.013 min
Response: 5645179
Conc: 41.81 ug/ml



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

R.T.: 17.326 min
Delta R.T.: 0.021 min
Response: 5737468
Conc: 45.91 ug/ml

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