

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042492.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 3:28
 Operator : UA/NP
 Sample : PB144851BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144851BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/18/2022

Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e

Quant Time: May 17 03:57:55 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...	7.332	6086123	43.420 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
6) S 2-Fluorobiphenyl (SURR)	8.184	3030475	42.532 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.06%
11) S ortho-Terphenyl (SURR)	11.209	6895352	39.781 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	4371314	28.079 ug/mlm
2) T Naphthalene (C11.7)	5.676	5456397	34.589 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	5744631	39.726 ug/ml
5) T Acenaphthylene (C15.06)	7.984	6582845	39.944 ug/ml
7) T Acenaphthene (C15.5)	8.277	7179392	38.240 ug/ml
8) T Flouorene (C16.55)	9.056	7300233	47.928 ug/ml
9) T Phenanthrene (C19.36)	10.443	7236931	48.738 ug/ml
10) T Anthracene (C19.43)	10.519	7592698	45.354 ug/ml
12) T Fluoranthene (C21.85)	12.247	7315029	46.634 ug/ml
13) T Pyrene (C20.8)	12.539	7170722	43.964 ug/ml
14) T Benzo[a]anthracene (C...	14.413	6722237	56.197 ug/ml
15) T Chrysene (C27.41)	14.455	6632741	36.153 ug/ml
16) T benzo[b]fluoranthene ...	15.965	6858367	52.235 ug/ml
17) T Bnezo[k]fluoranthene ...	15.997	7507896	43.427 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	6353644	43.063 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	6365743	63.777 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	7288564	46.437 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	6869991	49.606 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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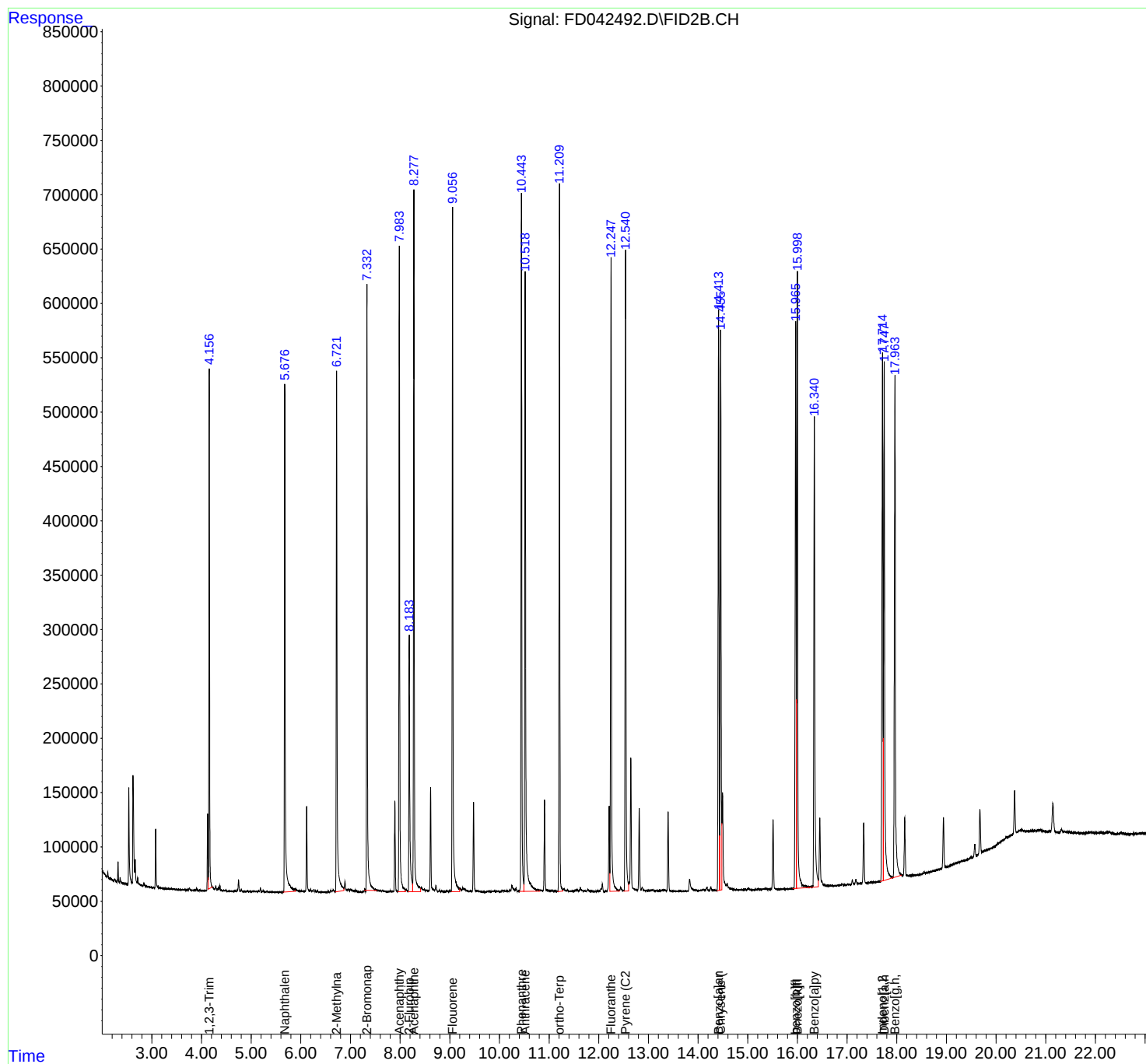
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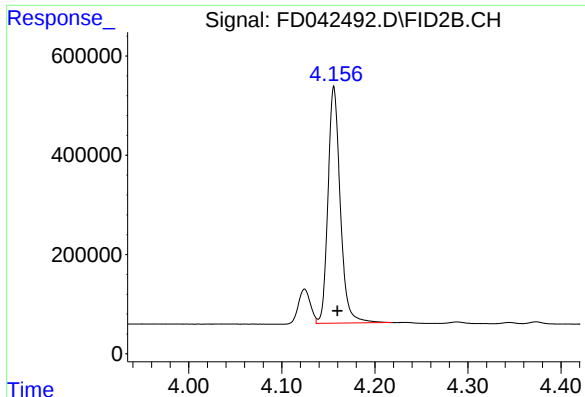
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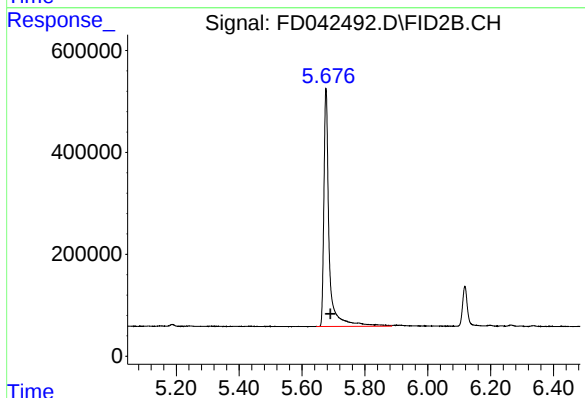
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 4371314
Conc: 28.08 ug/ml

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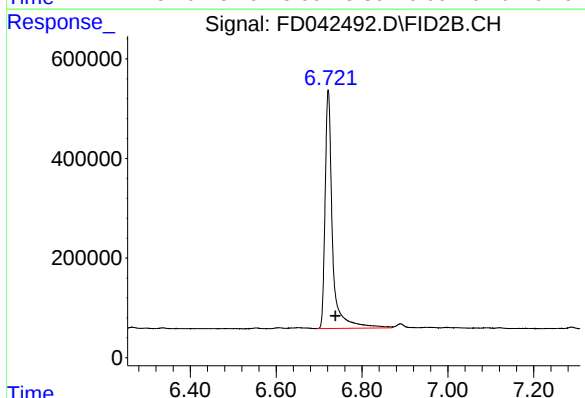
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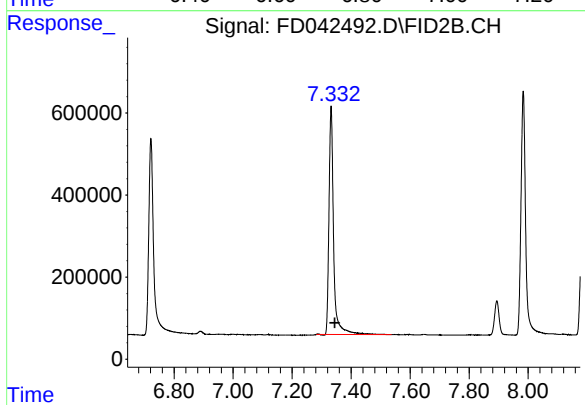
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 5456397
Conc: 34.59 ug/ml



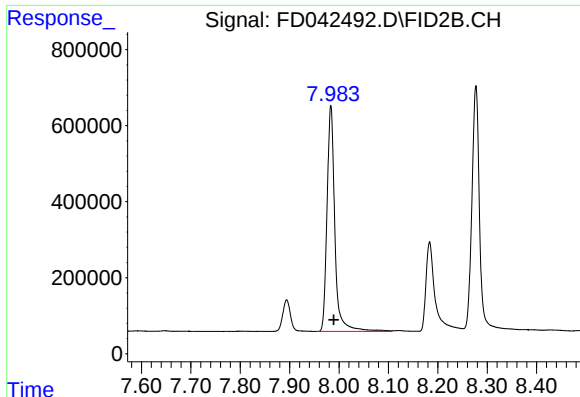
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 5744631
Conc: 39.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 6086123
Conc: 43.42 ug/ml



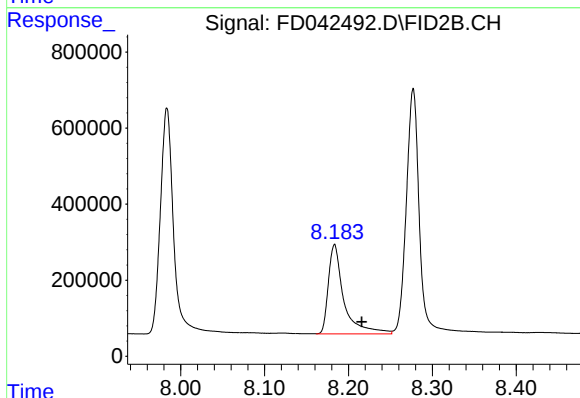
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.006 min
Response: 6582845
Conc: 39.94 ug/ml

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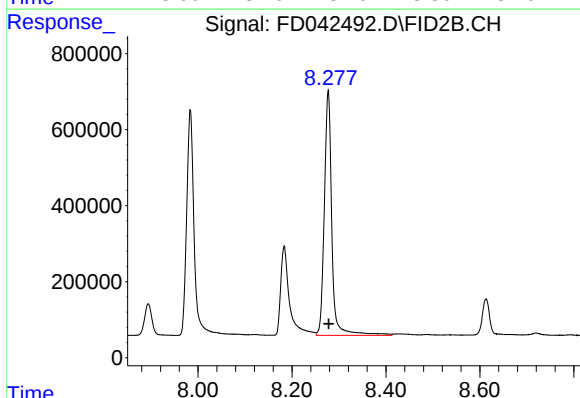
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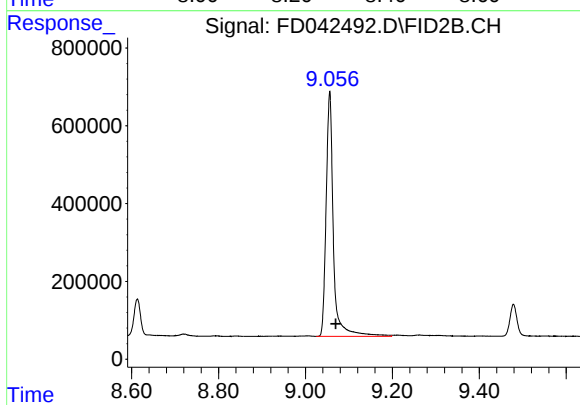
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.032 min
Response: 3030475
Conc: 42.53 ug/ml



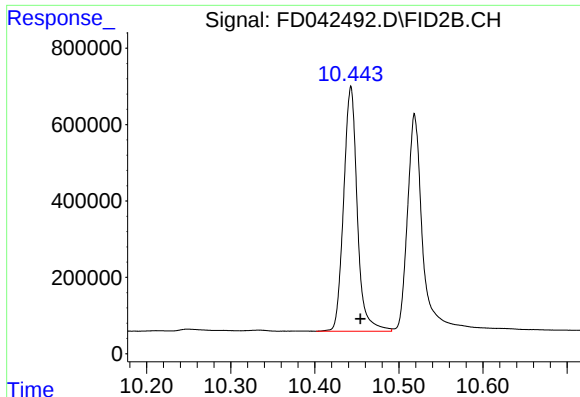
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 7179392
Conc: 38.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.014 min
Response: 7300233
Conc: 47.93 ug/ml



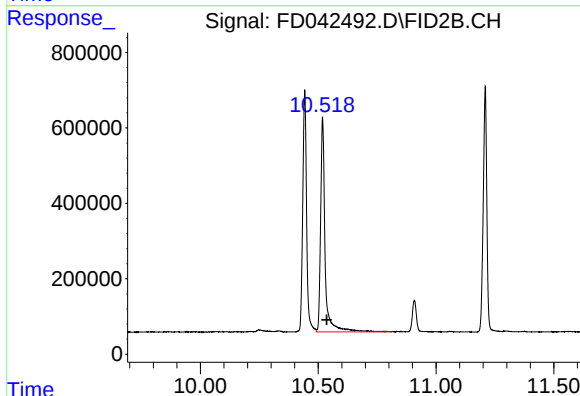
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.011 min
Response: 7236931
Conc: 48.74 ug/ml

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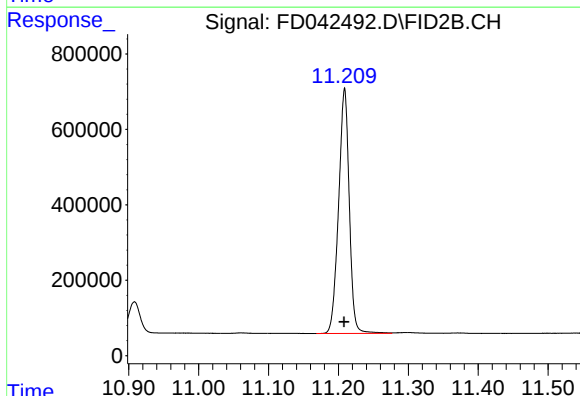
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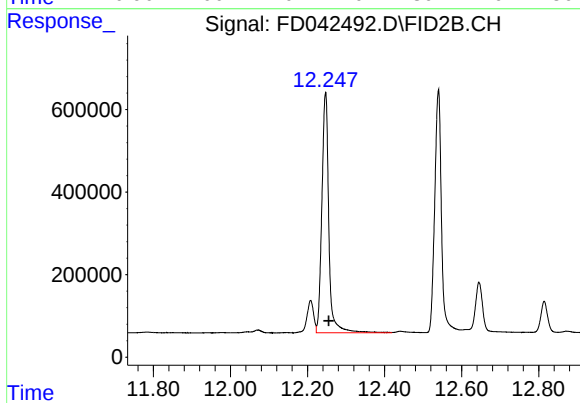
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.018 min
Response: 7592698
Conc: 45.35 ug/ml



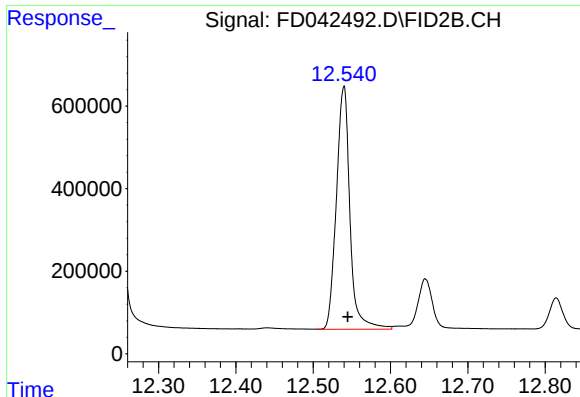
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 6895352
Conc: 39.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.247 min
Delta R.T.: -0.008 min
Response: 7315029
Conc: 46.63 ug/ml



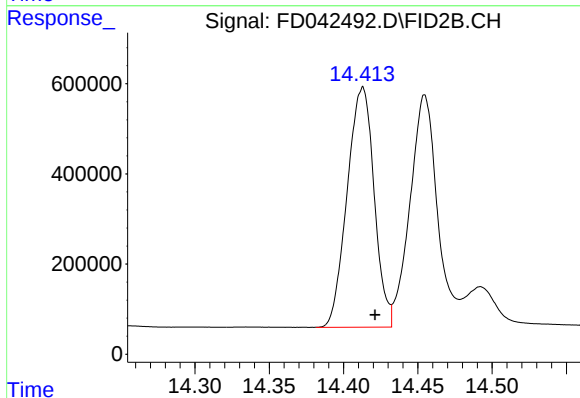
#13 Pyrene (C20.8)

R.T.: 12.539 min
Delta R.T.: -0.005 min
Response: 7170722
Conc: 43.96 ug/ml

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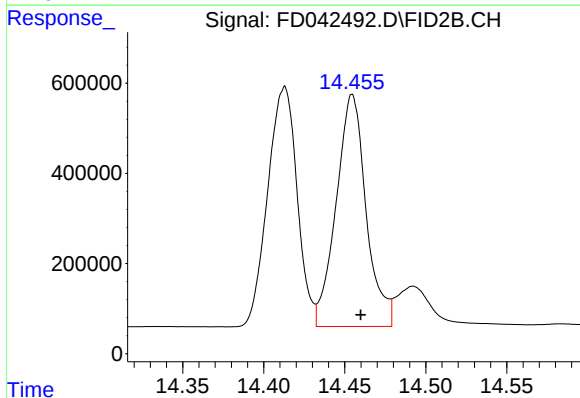
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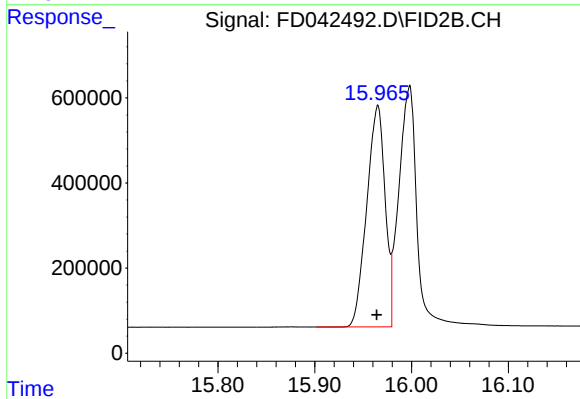
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min
Delta R.T.: -0.009 min
Response: 6722237
Conc: 56.20 ug/ml



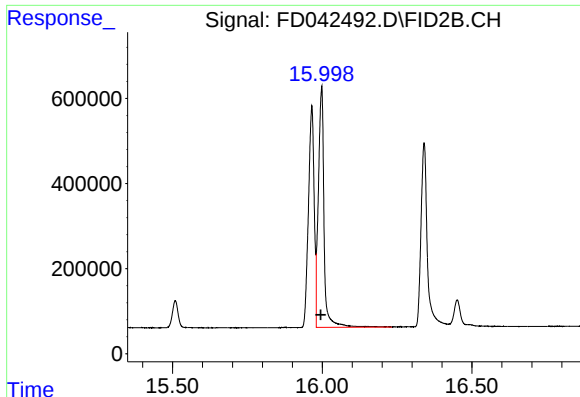
#15 Chrysene (C27.41)

R.T.: 14.455 min
Delta R.T.: -0.005 min
Response: 6632741
Conc: 36.15 ug/ml



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

R.T.: 15.965 min
Delta R.T.: 0.000 min
Response: 6858367
Conc: 52.24 ug/ml



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

R.T.: 15.997 min
Delta R.T.: 0.002 min
Response: 7507896
Conc: 43.43 ug/ml

Instrument :

FID_D

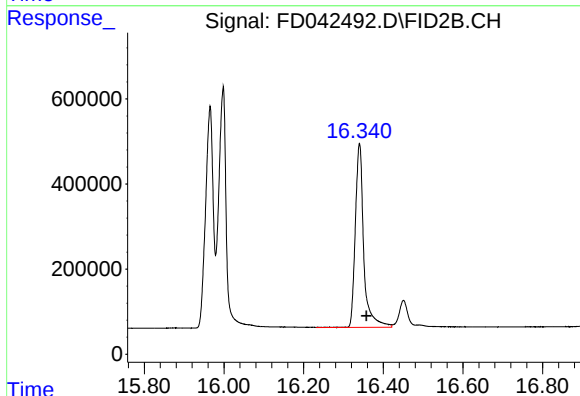
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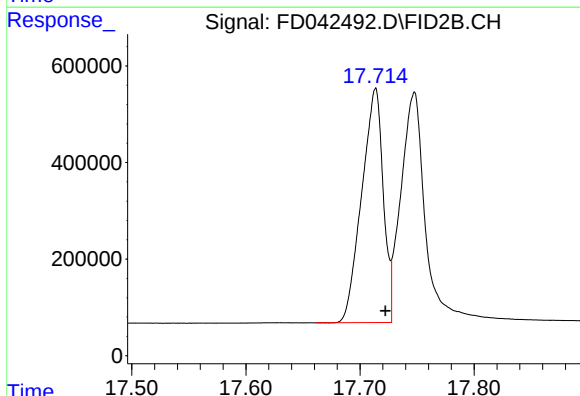
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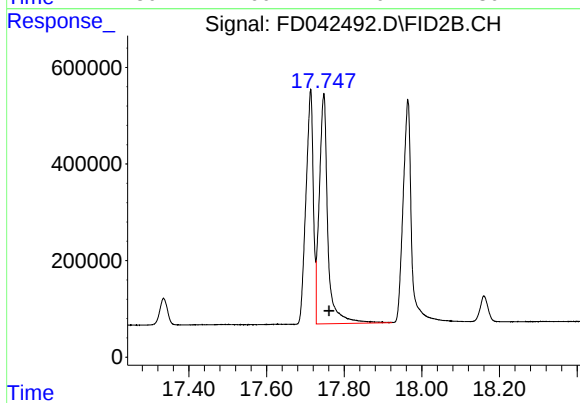
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.018 min
Response: 6353644
Conc: 43.06 ug/ml



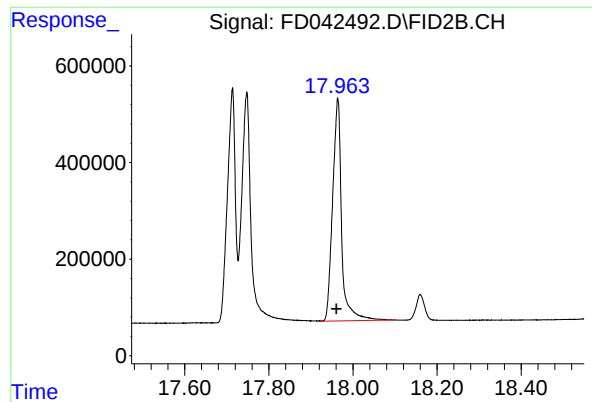
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.009 min
Response: 6365743
Conc: 63.78 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.014 min
Response: 7288564
Conc: 46.44 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.003 min
Response: 6869991
Conc: 49.61 ug/ml

Instrument :

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