

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
 Data File : FD040357.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 16:57
 Operator : AJ\MA
 Sample : PB141625BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141625BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 00:42:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 2021
 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...	6.797	6383735	48.584 ug/ml
Spiked Amount 50.000		Recovery =	97.17%
6) S 2-Fluorobiphenyl (SURR)	7.647	4222865	49.733 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.47%
11) S ortho-Terphenyl (SURR)	10.680	6227318	44.567 ug/ml
Spiked Amount 50.000		Recovery =	89.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.651	5745909	38.205 ug/mlm
2) T Naphthalene (C11.7)	5.147	6465085	42.854 ug/ml
3) T 2-Methylnaphthalene (...)	6.188	6594980	43.922 ug/ml
5) T Acenaphthylene (C15.06)	7.452	6453100	47.401 ug/ml
7) T Acenaphthene (C15.5)	7.747	6982065	48.063 ug/ml
8) T Fluorene (C16.55)	8.523	7019694	50.836 ug/ml
9) T Phenanthrene (C19.36)	9.909	7226969	53.608 ug/ml
10) T Anthracene (C19.43)	9.985	6940358	55.186 ug/ml
12) T Fluoranthene (C21.85)	11.712	7293764	54.308 ug/ml
13) T Pyrene (C20.8)	12.007	7178203	54.950 ug/ml
14) T Benzo[a]anthracene (C...	13.873	6858749	58.701 ug/ml
15) T Chrysene (C27.41)	13.917	6769375	54.145 ug/ml
16) T benzo[b]fluoranthene ...	15.417	6809926	54.902 ug/ml
17) T Bnezo[k]fluoranthene ...	15.453	6791204	54.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.792	5980092	49.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.152	5363410	46.211 ug/ml
20) T Dibenz[a,h]anthracene...	17.195	5825915	51.258 ug/ml
21) T Benzo[g,h,i]perylene ...	17.409	5853304	47.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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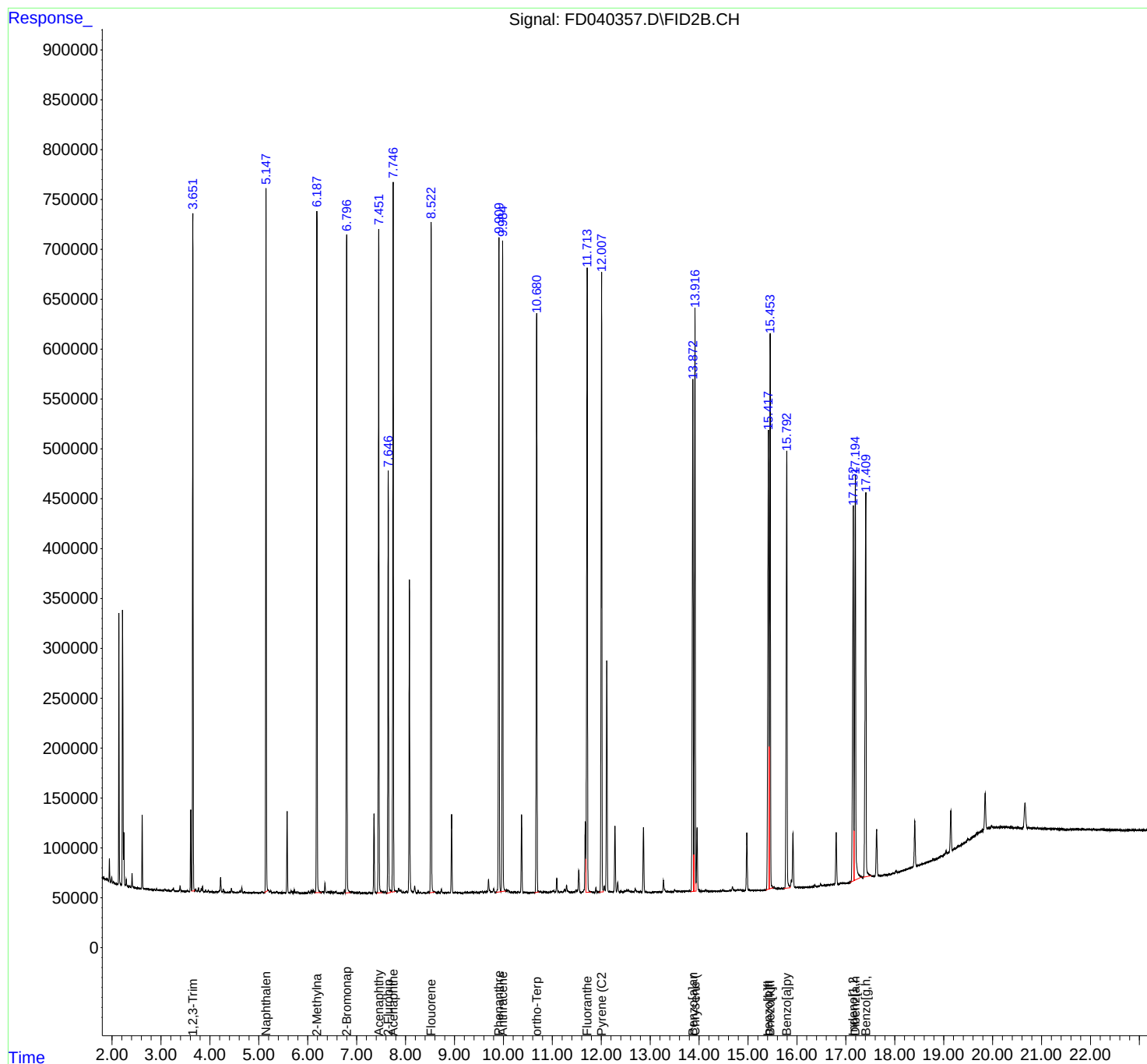
Instrument :
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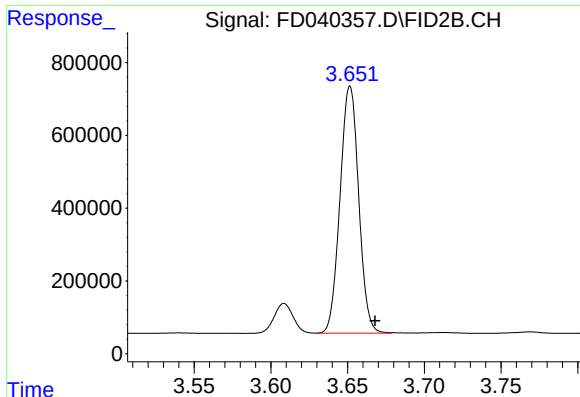
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.651 min
Delta R.T.: -0.017 min
Response: 5745909
Conc: 38.21 ug/ml

Instrument :

FID_D

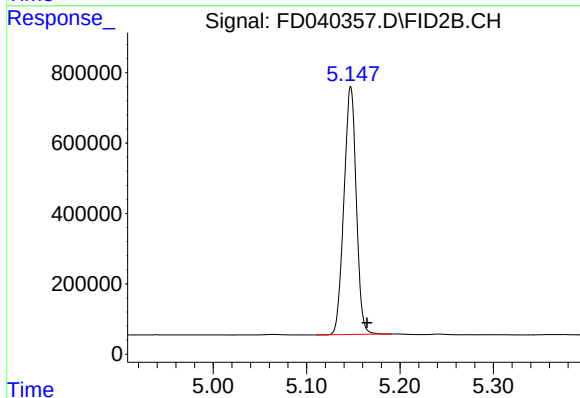
ClientSampleId :

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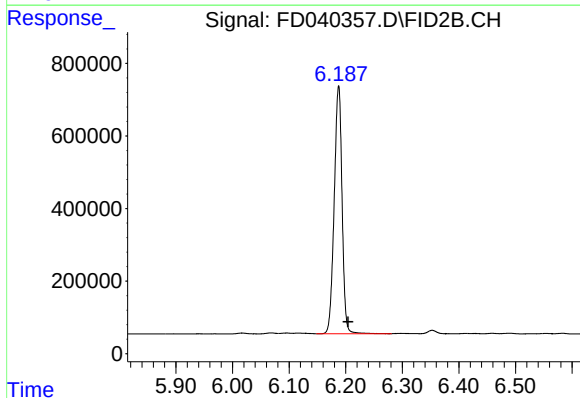
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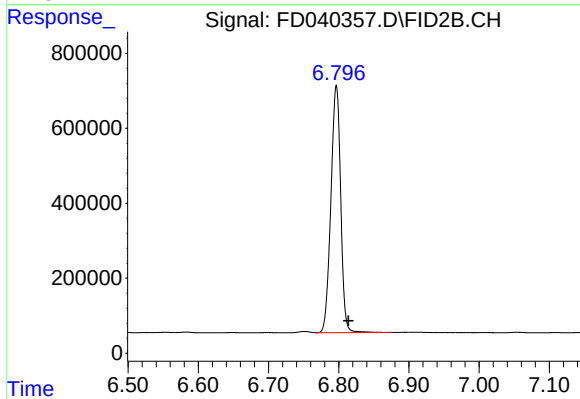
#2 Naphthalene (C11.7)

R.T.: 5.147 min
Delta R.T.: -0.018 min
Response: 6465085
Conc: 42.85 ug/ml



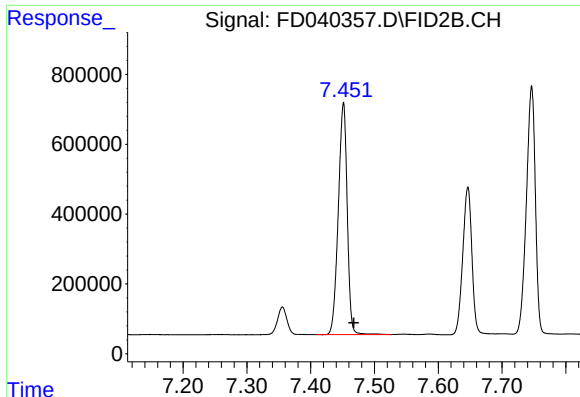
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.017 min
Response: 6594980
Conc: 43.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.797 min
Delta R.T.: -0.017 min
Response: 6383735
Conc: 48.58 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.452 min
Delta R.T.: -0.016 min
Response: 6453100
Conc: 47.40 ug/ml

Instrument :

FID_D

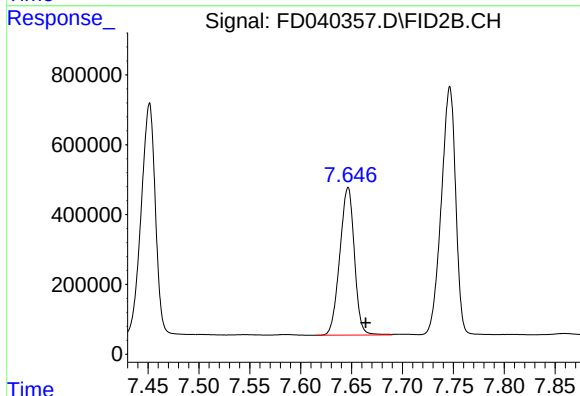
ClientSampleId :

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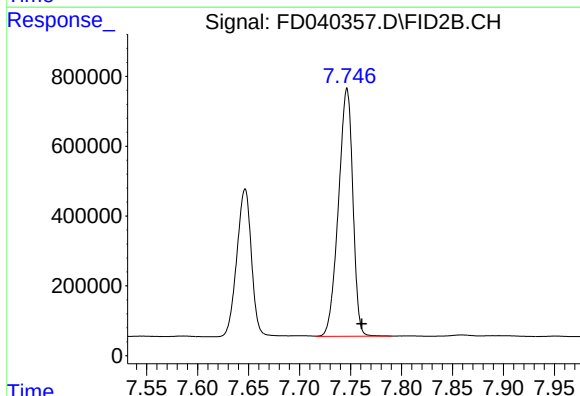
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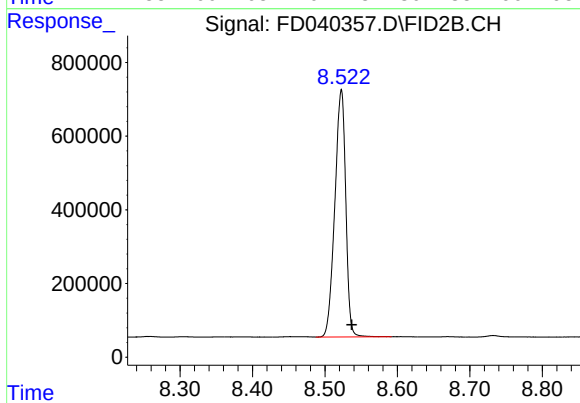
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.647 min
Delta R.T.: -0.017 min
Response: 4222865
Conc: 49.73 ug/ml



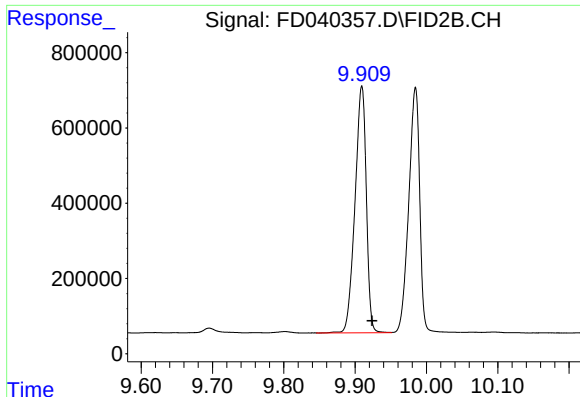
#7 Acenaphthene (C15.5)

R.T.: 7.747 min
Delta R.T.: -0.014 min
Response: 6982065
Conc: 48.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.523 min
Delta R.T.: -0.014 min
Response: 7019694
Conc: 50.84 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.909 min
Delta R.T.: -0.014 min
Response: 7226969
Conc: 53.61 ug/ml

Instrument :

FID_D

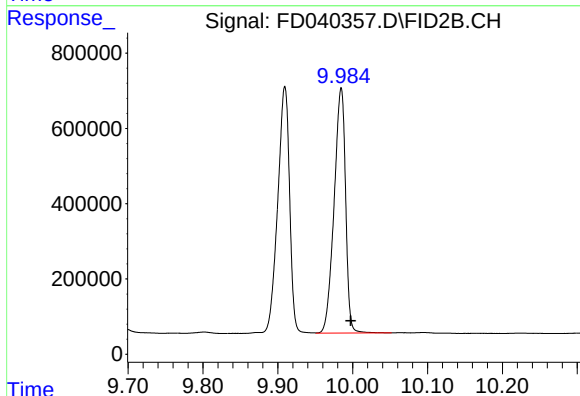
ClientSampleId :

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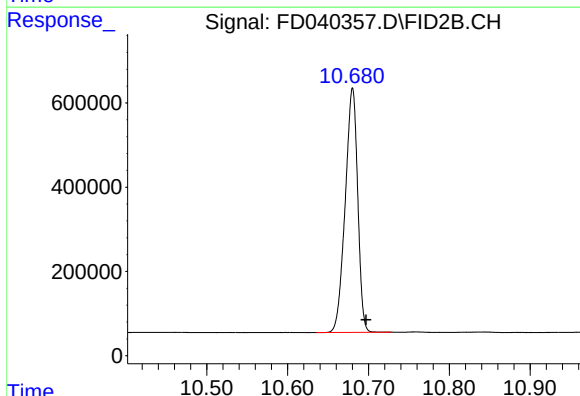
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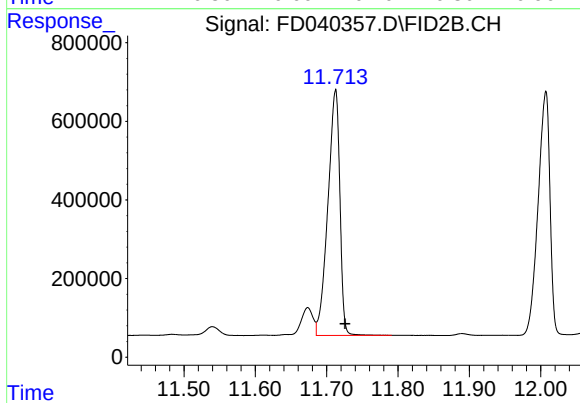
#10 Anthracene (C19.43)

R.T.: 9.985 min
Delta R.T.: -0.013 min
Response: 6940358
Conc: 55.19 ug/ml



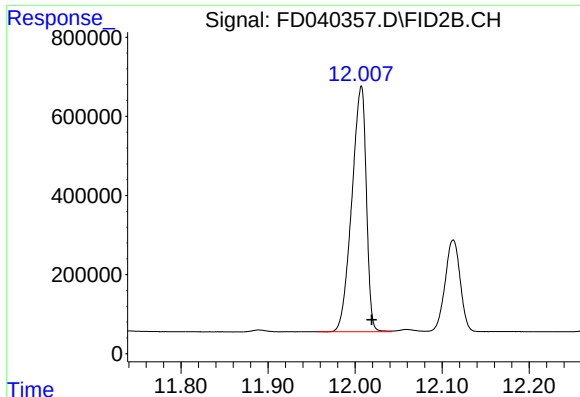
#11 ortho-Terphenyl (SURR)

R.T.: 10.680 min
Delta R.T.: -0.017 min
Response: 6227318
Conc: 44.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.712 min
Delta R.T.: -0.013 min
Response: 7293764
Conc: 54.31 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.007 min
Delta R.T.: -0.012 min
Response: 7178203
Conc: 54.95 ug/ml

Instrument :

FID_D

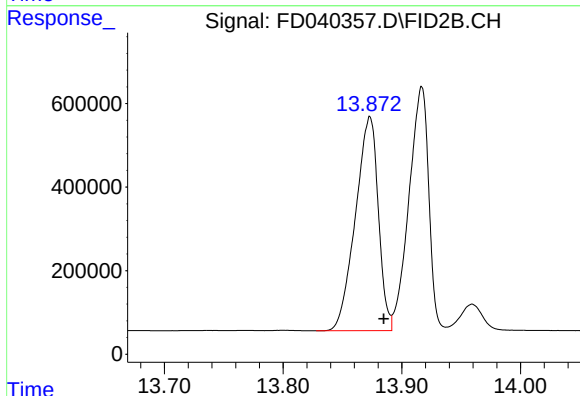
ClientSampleId :

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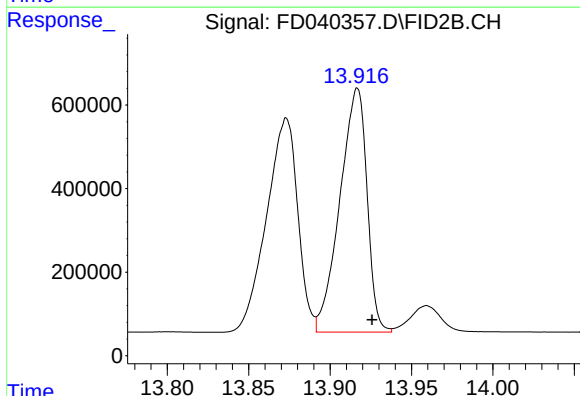
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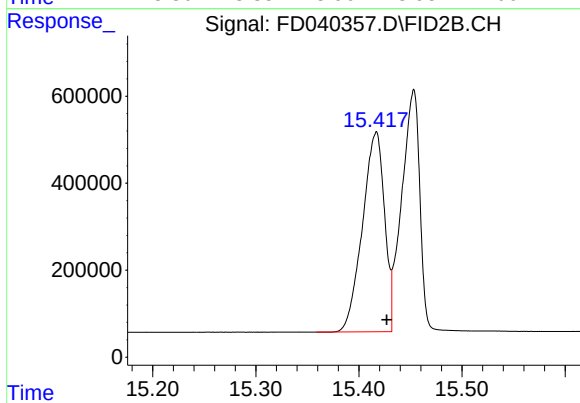
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.873 min
Delta R.T.: -0.012 min
Response: 6858749
Conc: 58.70 ug/ml



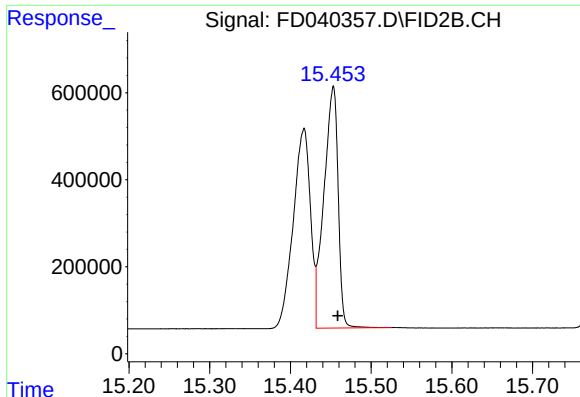
#15 Chrysene (C27.41)

R.T.: 13.917 min
Delta R.T.: -0.009 min
Response: 6769375
Conc: 54.14 ug/ml



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

R.T.: 15.417 min
Delta R.T.: -0.010 min
Response: 6809926
Conc: 54.90 ug/ml



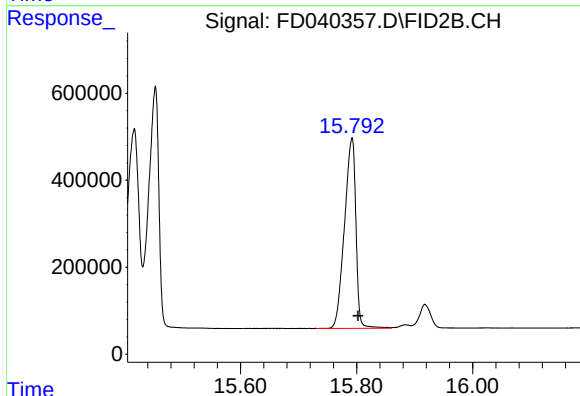
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.453 min
Delta R.T.: -0.006 min
Response: 6791204
Conc: 54.66 ug/ml

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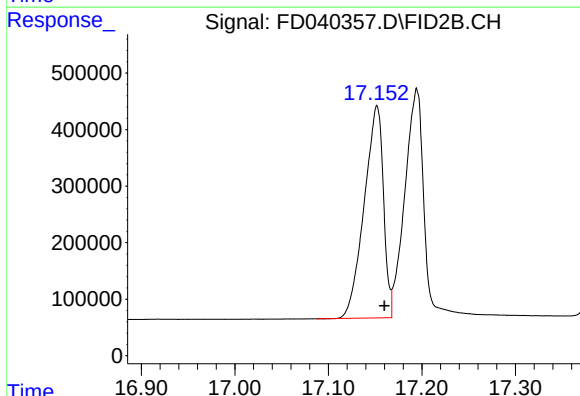
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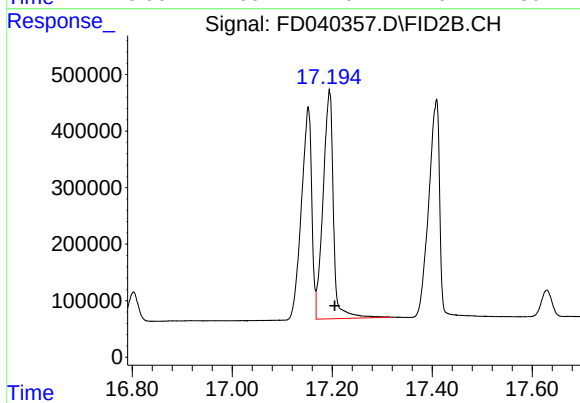
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.792 min
Delta R.T.: -0.011 min
Response: 5980092
Conc: 49.68 ug/ml



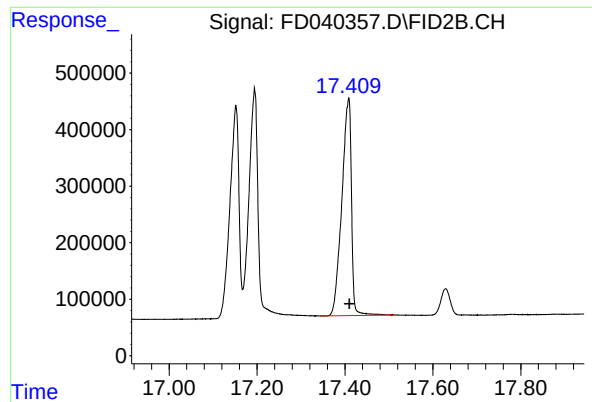
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.152 min
Delta R.T.: -0.008 min
Response: 5363410
Conc: 46.21 ug/ml



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

R.T.: 17.195 min
Delta R.T.: -0.010 min
Response: 5825915
Conc: 51.26 ug/ml



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

R.T.: 17.409 min
Delta R.T.: -0.002 min
Response: 5853304
Conc: 47.96 ug/ml

Instrument :

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