

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042036.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 12:07
 Operator : UA/NP
 Sample : PB144240BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144240BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 22 23:59:59 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	5396740	38.502 ug/ml
Spiked Amount 50.000		Recovery =	77.00%
6) S 2-Fluorobiphenyl (SURR)	8.182	3277348	45.996 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.99%
11) S ortho-Terphenyl (SURR)	11.208	5712013	32.954 ug/ml
Spiked Amount 50.000		Recovery =	65.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	3869987	24.859 ug/mlm
2) T Naphthalene (C11.7)	5.676	4525519	28.688 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	4382116	30.304 ug/ml
5) T Acenaphthylene (C15.06)	7.982	4724758	28.669 ug/ml
7) T Acenaphthene (C15.5)	8.275	5576772	29.704 ug/ml
8) T Flouorene (C16.55)	9.054	5195505	34.110 ug/ml
9) T Phenanthrene (C19.36)	10.440	5381184	36.240 ug/ml
10) T Anthracene (C19.43)	10.515	5701119	34.055 ug/ml
12) T Fluoranthene (C21.85)	12.241	5753148	36.677 ug/ml
13) T Pyrene (C20.8)	12.532	5644192	34.605 ug/ml
14) T Benzo[a]anthracene (C...	14.403	5211428	43.567 ug/ml
15) T Chrysene (C27.41)	14.444	4906178	26.742 ug/ml
16) T benzo[b]fluoranthene ...	15.950	5282217	40.231 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	5883665	34.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.325	4713889	31.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.692	4497481	45.059 ug/mlm
20) T Dibenz[a,h]anthracene...	17.729	5540701	35.301 ug/ml
21) T Benzo[g,h,i]perylene ...	17.939	5228778	37.756 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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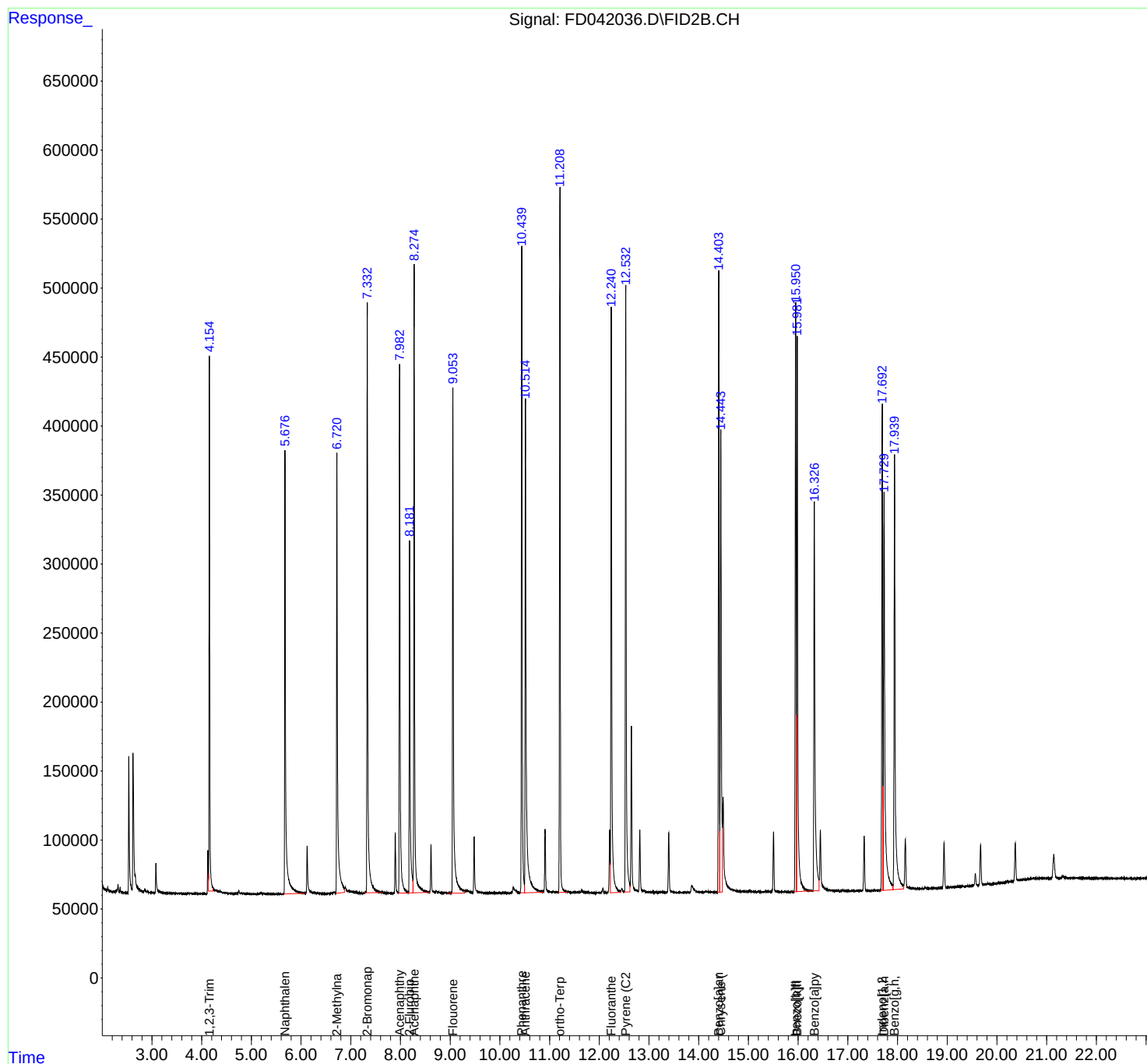
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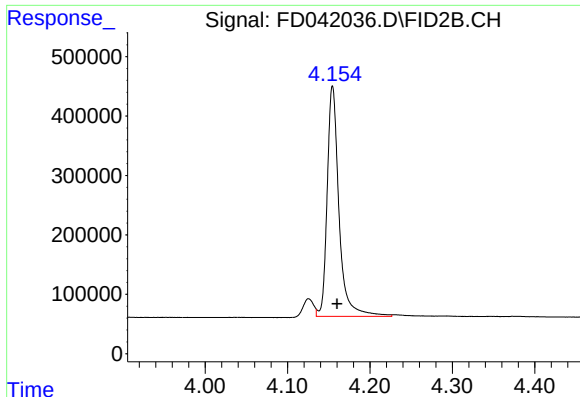
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 3869987
Conc: 24.86 ug/ml

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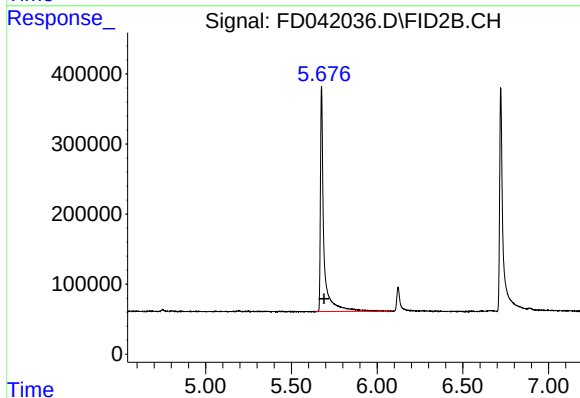
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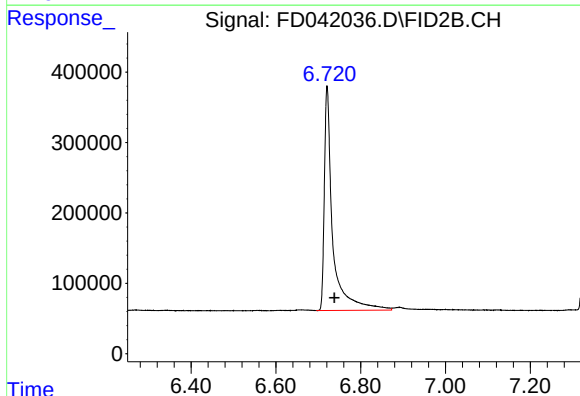
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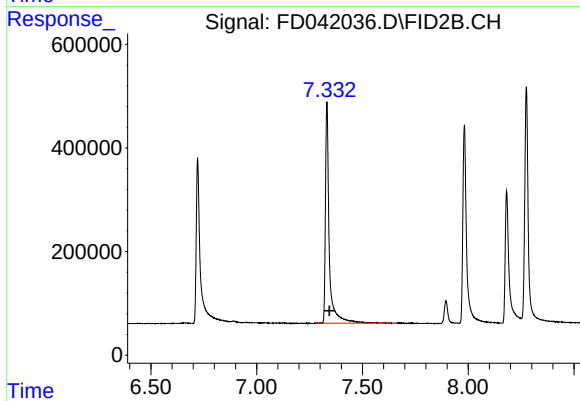
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 4525519
Conc: 28.69 ug/ml



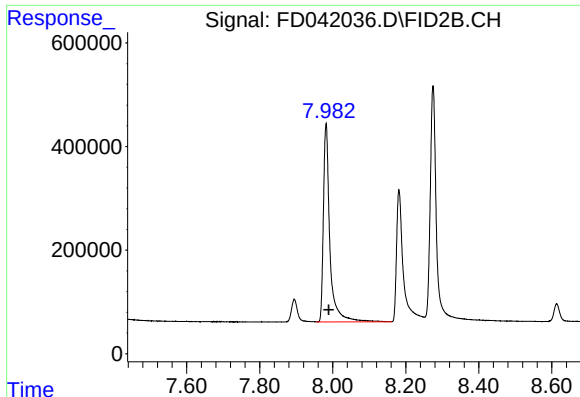
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.016 min
Response: 4382116
Conc: 30.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 5396740
Conc: 38.50 ug/ml



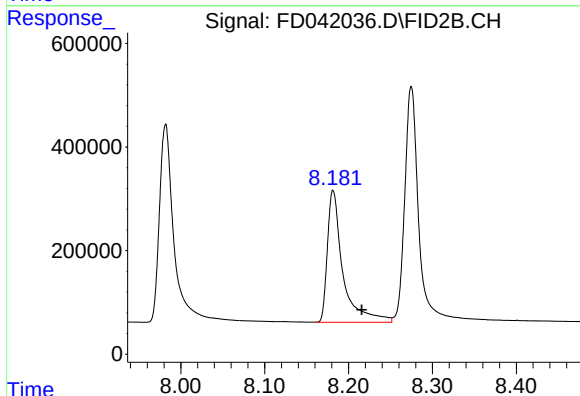
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.007 min
Response: 4724758
Conc: 28.67 ug/ml

Instrument :
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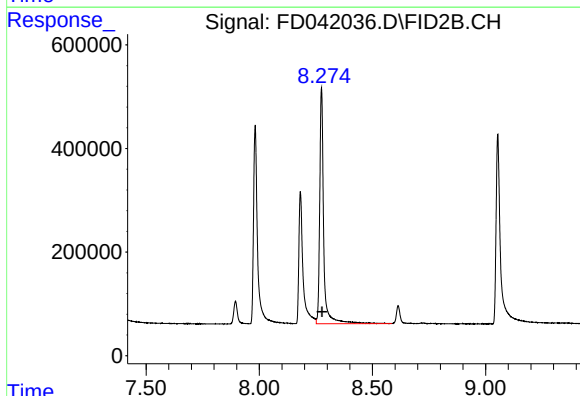
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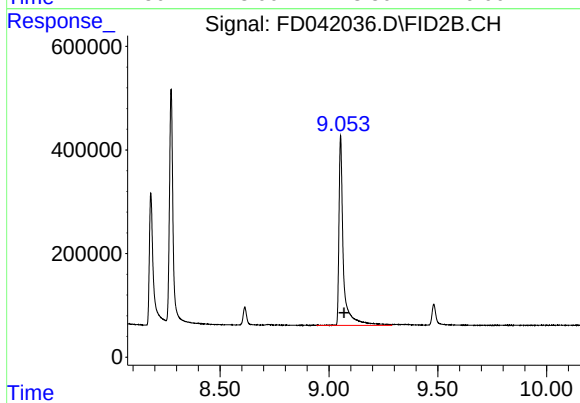
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.034 min
Response: 3277348
Conc: 46.00 ug/ml



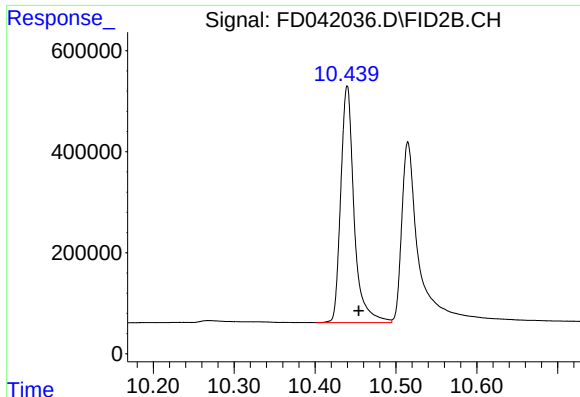
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 5576772
Conc: 29.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.054 min
Delta R.T.: -0.016 min
Response: 5195505
Conc: 34.11 ug/ml



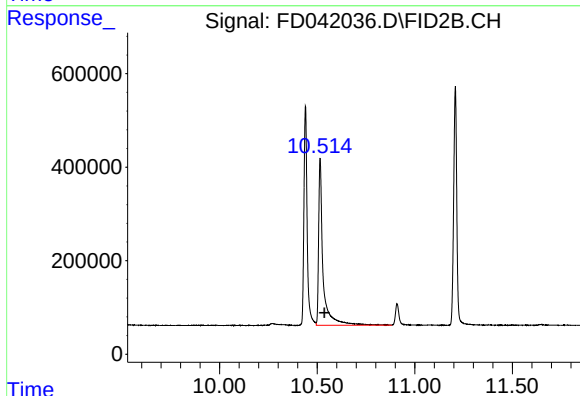
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.014 min
Response: 5381184
Conc: 36.24 ug/ml

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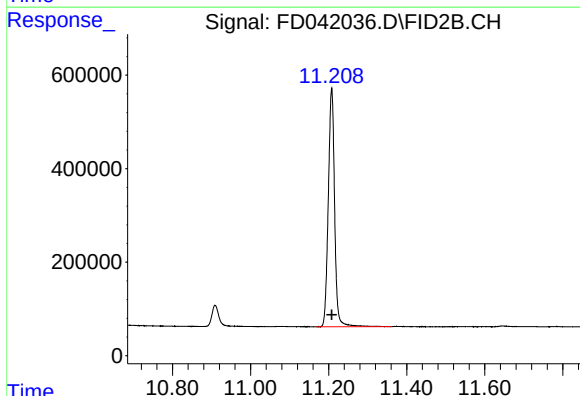
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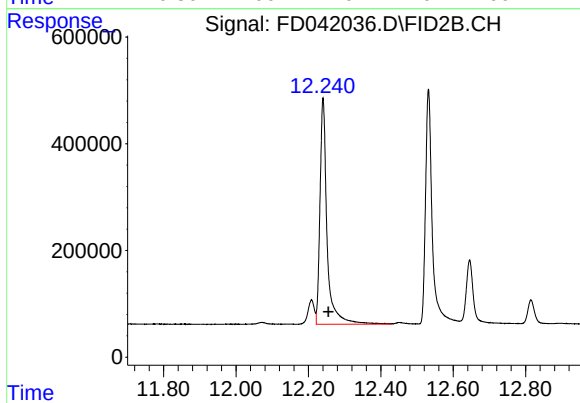
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 5701119
Conc: 34.05 ug/ml



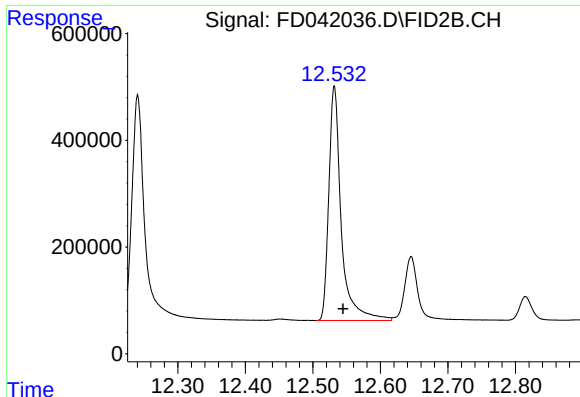
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 5712013
Conc: 32.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.014 min
Response: 5753148
Conc: 36.68 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.013 min
Response: 5644192
Conc: 34.60 ug/ml

Instrument :

FID_D

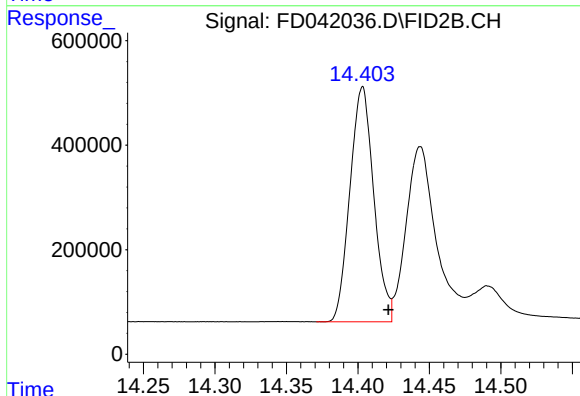
ClientSampleId :

PB144240BSD

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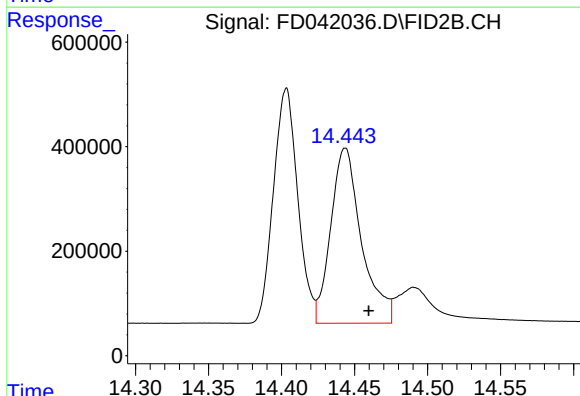
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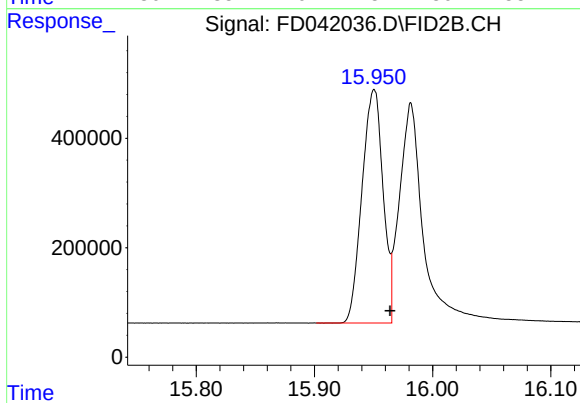
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.018 min
Response: 5211428
Conc: 43.57 ug/ml



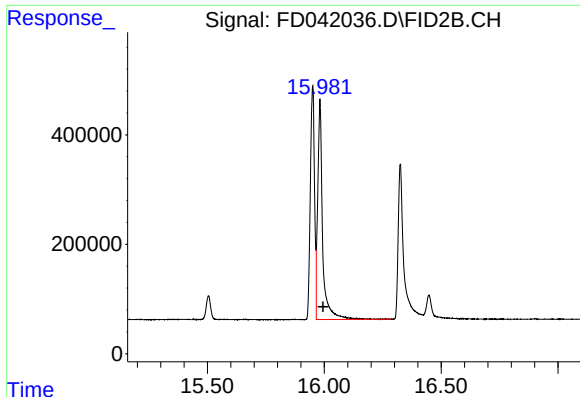
#15 Chrysene (C27.41)

R.T.: 14.444 min
Delta R.T.: -0.016 min
Response: 4906178
Conc: 26.74 ug/ml



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

R.T.: 15.950 min
Delta R.T.: -0.014 min
Response: 5282217
Conc: 40.23 ug/ml



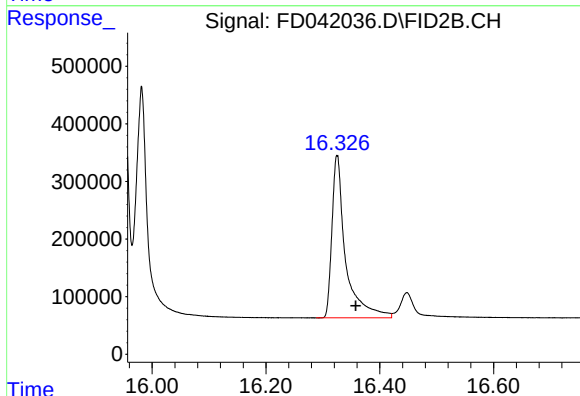
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.014 min
Response: 5883665
Conc: 34.03 ug/ml

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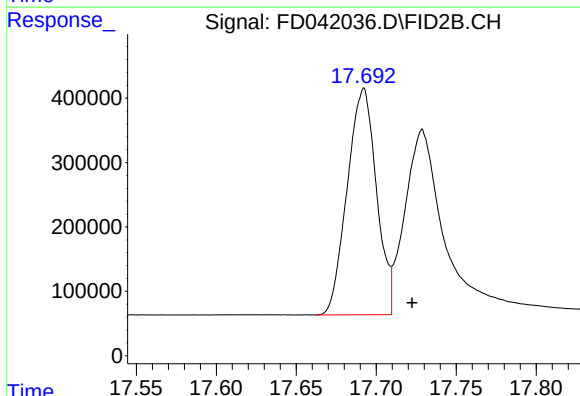
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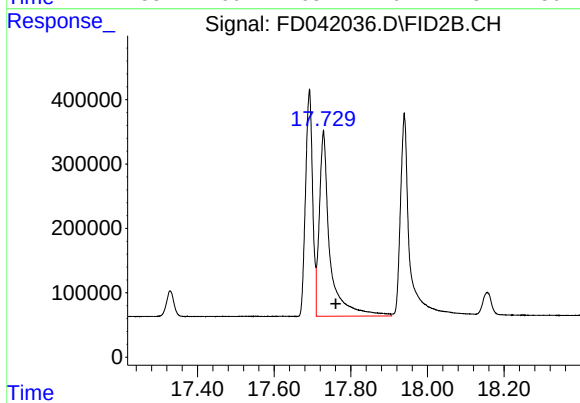
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.325 min
Delta R.T.: -0.032 min
Response: 4713889
Conc: 31.95 ug/ml



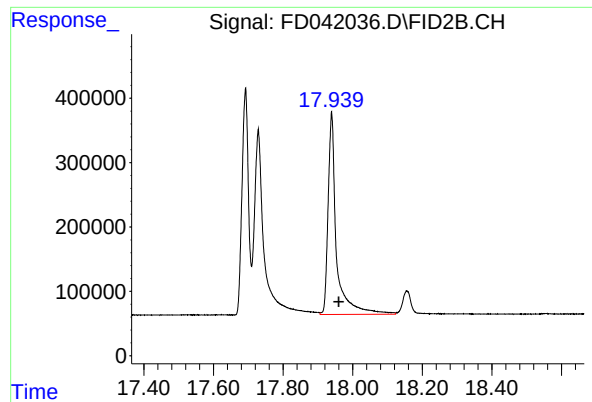
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.692 min
Delta R.T.: -0.030 min
Response: 4497481
Conc: 45.06 ug/ml m



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

R.T.: 17.729 min
Delta R.T.: -0.032 min
Response: 5540701
Conc: 35.30 ug/ml



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

R.T.: 17.939 min
Delta R.T.: -0.021 min
Response: 5228778
Conc: 37.76 ug/ml

Instrument :

FID_D

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