

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AR\
 Data File : FD042136.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 13:51
 Operator : UA/NP
 Sample : PB144387BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144387BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 03:31:57 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...	7.329	5846484	41.711 ug/ml
Spiked Amount 50.000		Recovery =	83.42%
6) S 2-Fluorobiphenyl (SURR)	8.176	3465316	48.634 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.27%
11) S ortho-Terphenyl (SURR)	11.205	6406107	36.959 ug/ml
Spiked Amount 50.000		Recovery =	73.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	4905760	31.512 ug/mlm
2) T Naphthalene (C11.7)	5.671	5689010	36.064 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	5615141	38.831 ug/ml
5) T Acenaphthylene (C15.06)	7.978	5983338	36.306 ug/ml
7) T Acenaphthene (C15.5)	8.272	6793426	36.184 ug/ml
8) T Flouorene (C16.55)	9.049	6563725	43.093 ug/ml
9) T Phenanthrene (C19.36)	10.436	6658994	44.845 ug/ml
10) T Anthracene (C19.43)	10.512	6952568	41.530 ug/ml
12) T Fluoranthene (C21.85)	12.239	6808346	43.404 ug/ml
13) T Pyrene (C20.8)	12.531	6650571	40.775 ug/ml
14) T Benzo[a]anthracene (C...	14.403	5999977	50.159 ug/ml
15) T Chrysene (C27.41)	14.445	5931191	32.329 ug/ml
16) T benzo[b]fluoranthene ...	15.952	5943163	45.265 ug/ml
17) T Bnezo[k]fluoranthene ...	15.985	6411052	37.083 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	5423547	36.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	5474888	54.852 ug/mlm
20) T Dibenz[a,h]anthracene...	17.733	6156841	39.226 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	5881183	42.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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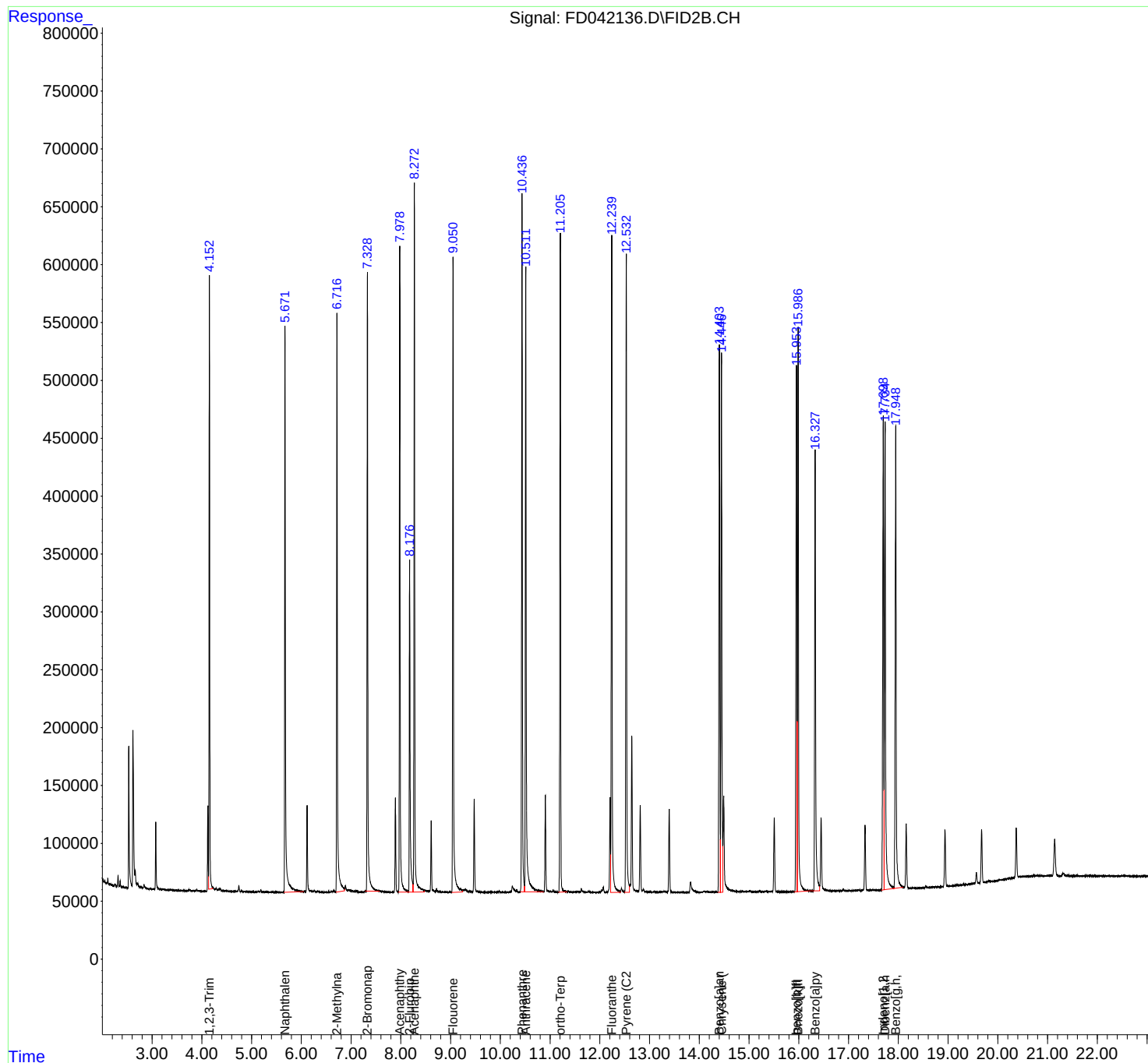
Response via : Initial Calibration

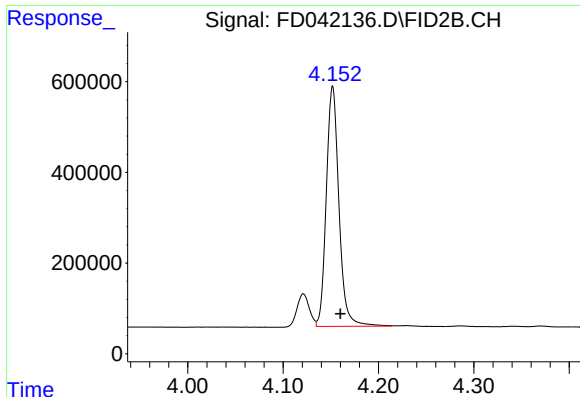
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 4905760
Conc: 31.51 ug/ml

Instrument :

FID_D

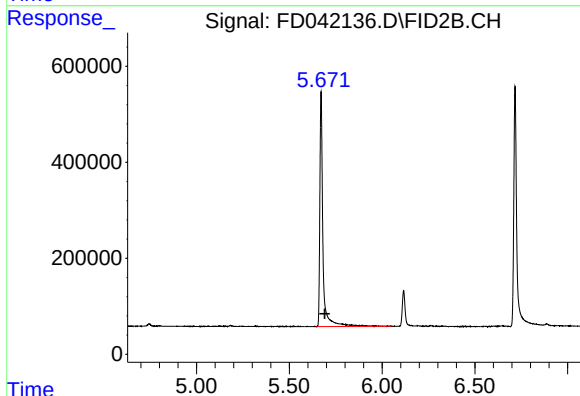
ClientSampleId :

PB144387BS

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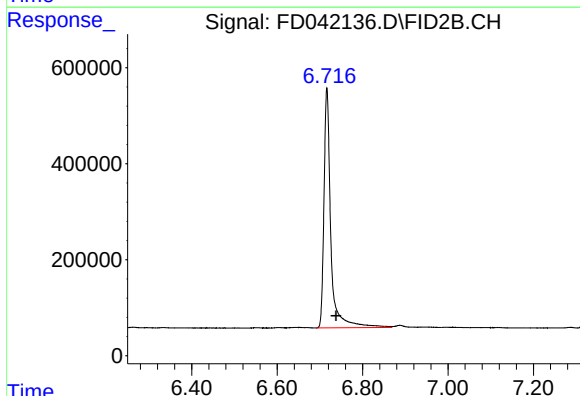
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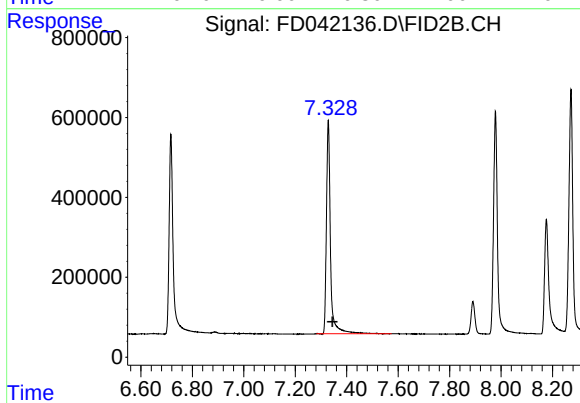
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.019 min
Response: 5689010
Conc: 36.06 ug/ml



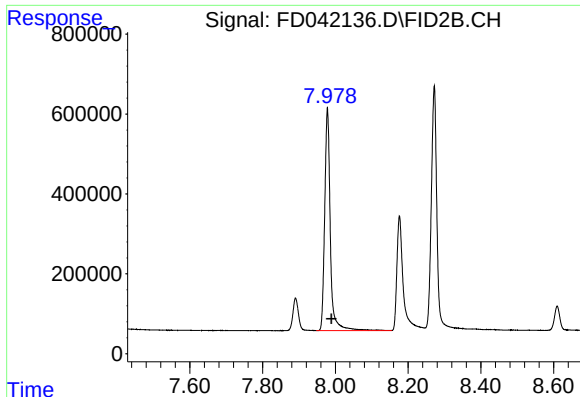
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.021 min
Response: 5615141
Conc: 38.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.016 min
Response: 5846484
Conc: 41.71 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
 Delta R.T.: -0.011 min
 Response: 5983338
 Conc: 36.31 ug/ml

Instrument :

FID_D

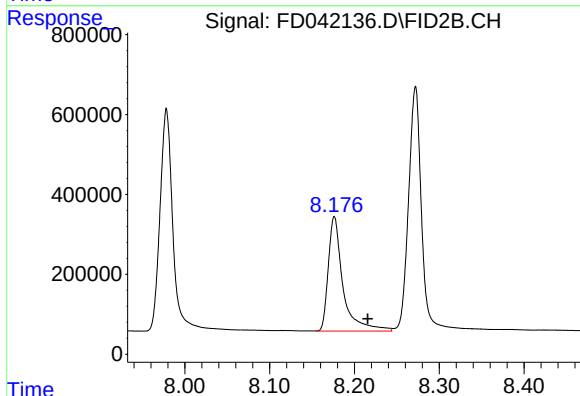
ClientSampleId :

PB144387BS

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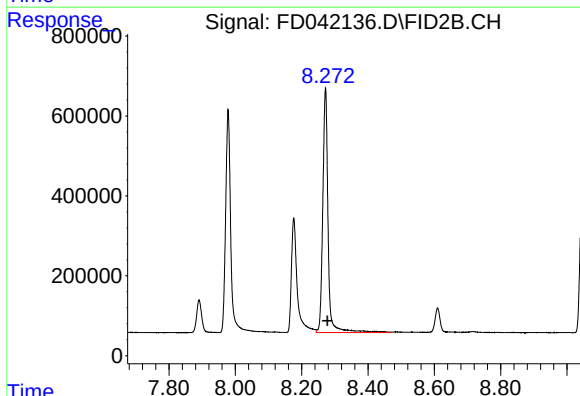
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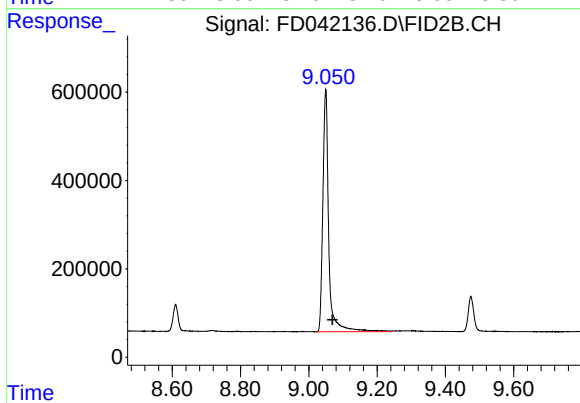
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.176 min
 Delta R.T.: -0.039 min
 Response: 3465316
 Conc: 48.63 ug/ml



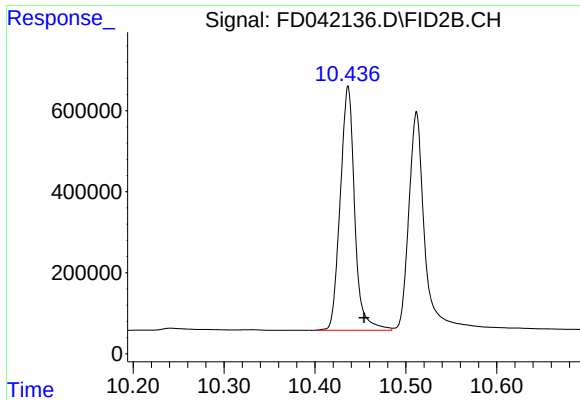
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
 Delta R.T.: -0.006 min
 Response: 6793426
 Conc: 36.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.049 min
 Delta R.T.: -0.020 min
 Response: 6563725
 Conc: 43.09 ug/ml



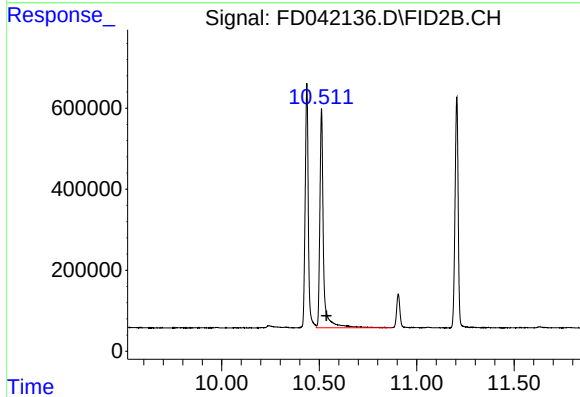
#9 Phenanthrene (C19.36)

R.T.: 10.436 min
Delta R.T.: -0.018 min
Response: 6658994
Conc: 44.85 ug/ml

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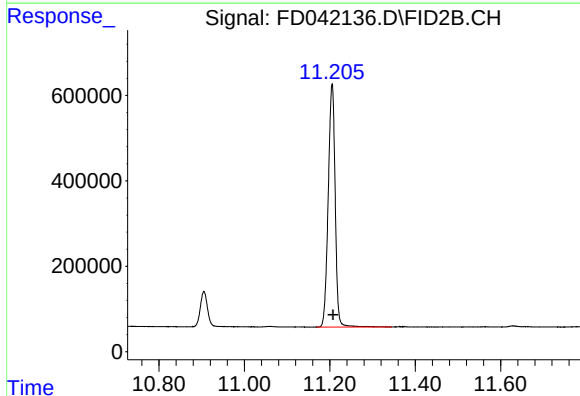
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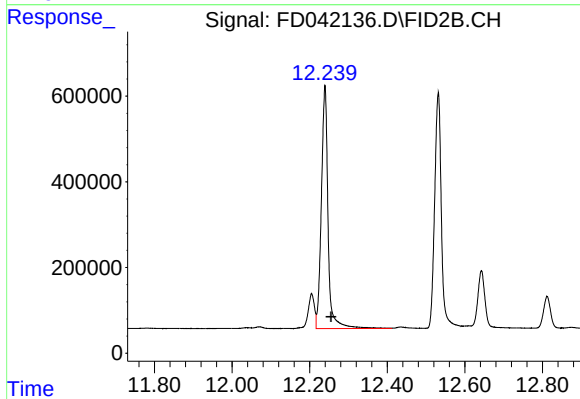
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.025 min
Response: 6952568
Conc: 41.53 ug/ml



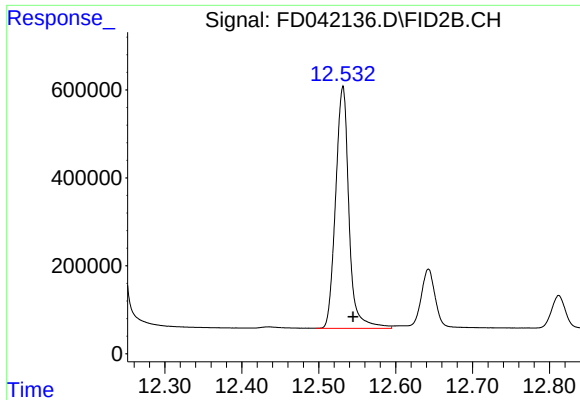
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 6406107
Conc: 36.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 6808346
Conc: 43.40 ug/ml



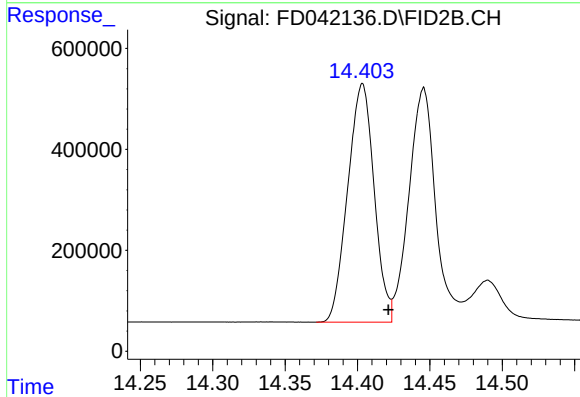
#13 Pyrene (C20.8)

R.T.: 12.531 min
Delta R.T.: -0.014 min
Response: 6650571
Conc: 40.77 ug/ml

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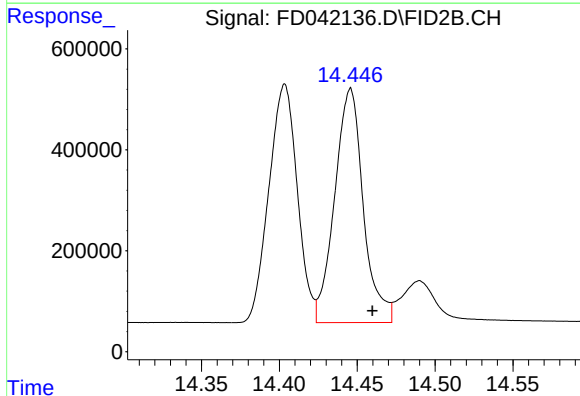
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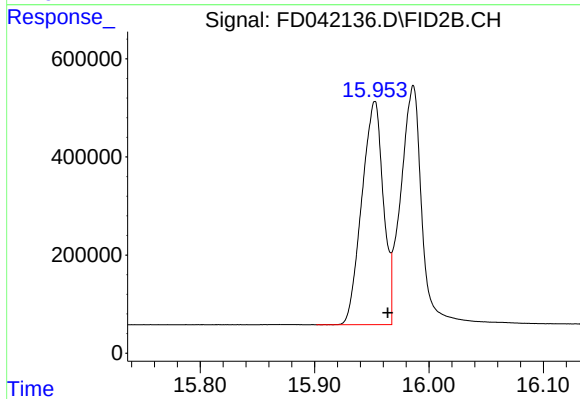
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.018 min
Response: 5999977
Conc: 50.16 ug/ml



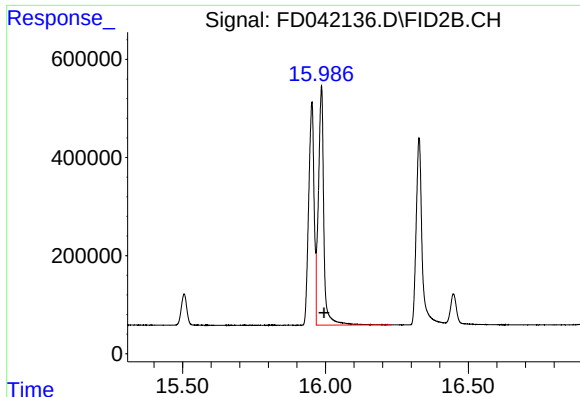
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.014 min
Response: 5931191
Conc: 32.33 ug/ml



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

R.T.: 15.952 min
Delta R.T.: -0.012 min
Response: 5943163
Conc: 45.26 ug/ml



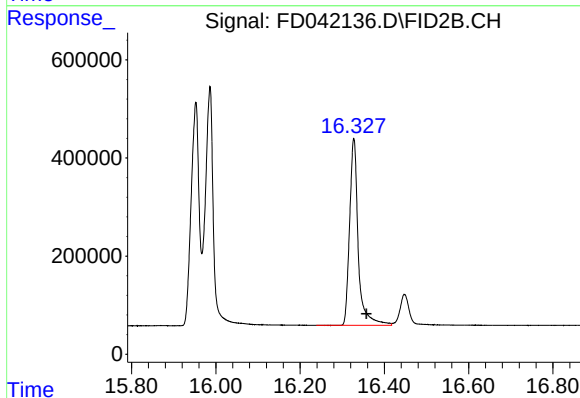
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.985 min
Delta R.T.: -0.010 min
Response: 6411052
Conc: 37.08 ug/ml

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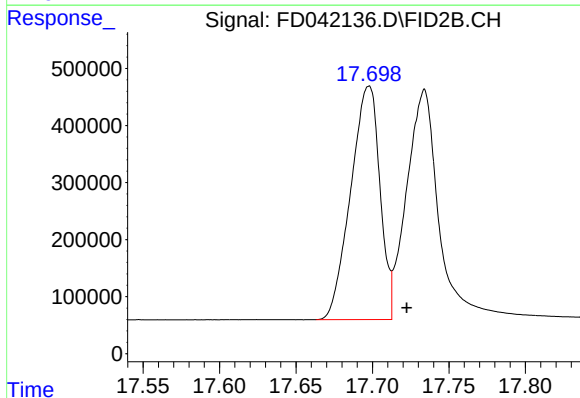
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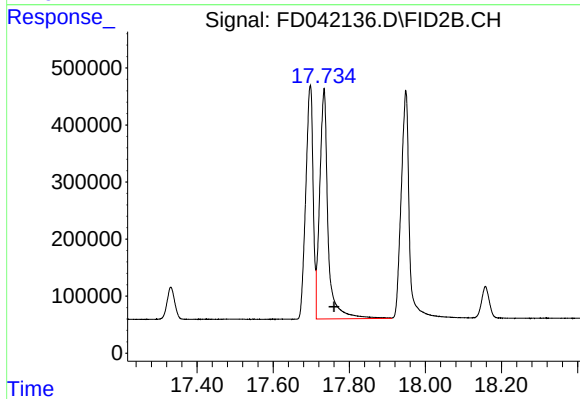
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.030 min
Response: 5423547
Conc: 36.76 ug/ml



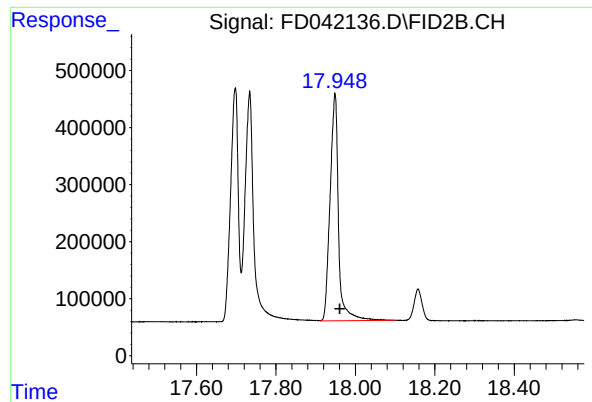
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.025 min
Response: 5474888
Conc: 54.85 ug/ml m



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

R.T.: 17.733 min
Delta R.T.: -0.027 min
Response: 6156841
Conc: 39.23 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.012 min
Response: 5881183
Conc: 42.47 ug/ml

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