

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
 Data File : FD038069.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 1:23
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 07 03:10:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 03:09:16 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...	7.527	6612901	49.538 ug/ml
Spiked Amount 50.000		Recovery =	99.08%
6) S 2-Fluorobiphenyl (SURR)	8.387	4607790	49.846 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.69%
11) S ortho-Terphenyl (SURR)	11.425	7455011	47.963 ug/ml
Spiked Amount 50.000		Recovery =	95.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	7057201	48.682 ug/ml
2) T Naphthalene (C11.7)	5.864	7513073	49.632 ug/ml
3) T 2-Methylnaphthalene (...)	6.916	7496103	49.532 ug/ml
5) T Acenaphthylene (C15.06)	8.189	7457059	48.740 ug/ml
7) T Acenaphthene (C15.5)	8.486	7696063	48.628 ug/ml
8) T Fluorene (C16.55)	9.266	7443340	49.289 ug/ml
9) T Phenanthrene (C19.36)	10.661	7353220	49.284 ug/ml
10) T Anthracene (C19.43)	10.737	7111600	49.524 ug/ml
12) T Fluoranthene (C21.85)	12.472	7217254	48.656 ug/ml
13) T Pyrene (C20.8)	12.768	7192587	49.424 ug/ml
14) T Benzo[a]anthracene (C...	14.639	6643884	49.386 ug/ml
15) T Chrysene (C27.41)	14.684	6901780	47.963 ug/ml
16) T benzo[b]fluoranthene ...	16.191	6466201	49.488 ug/ml
17) T Bnezo[k]fluoranthene ...	16.226	6395713	48.154 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	6004142	49.527 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.939	5703710	53.101 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	5823960	47.716 ug/ml
21) T Benzo[g,h,i]perylene ...	18.194	5625415	50.798 ug/ml

(f)=RT Delta > 1/2 Window

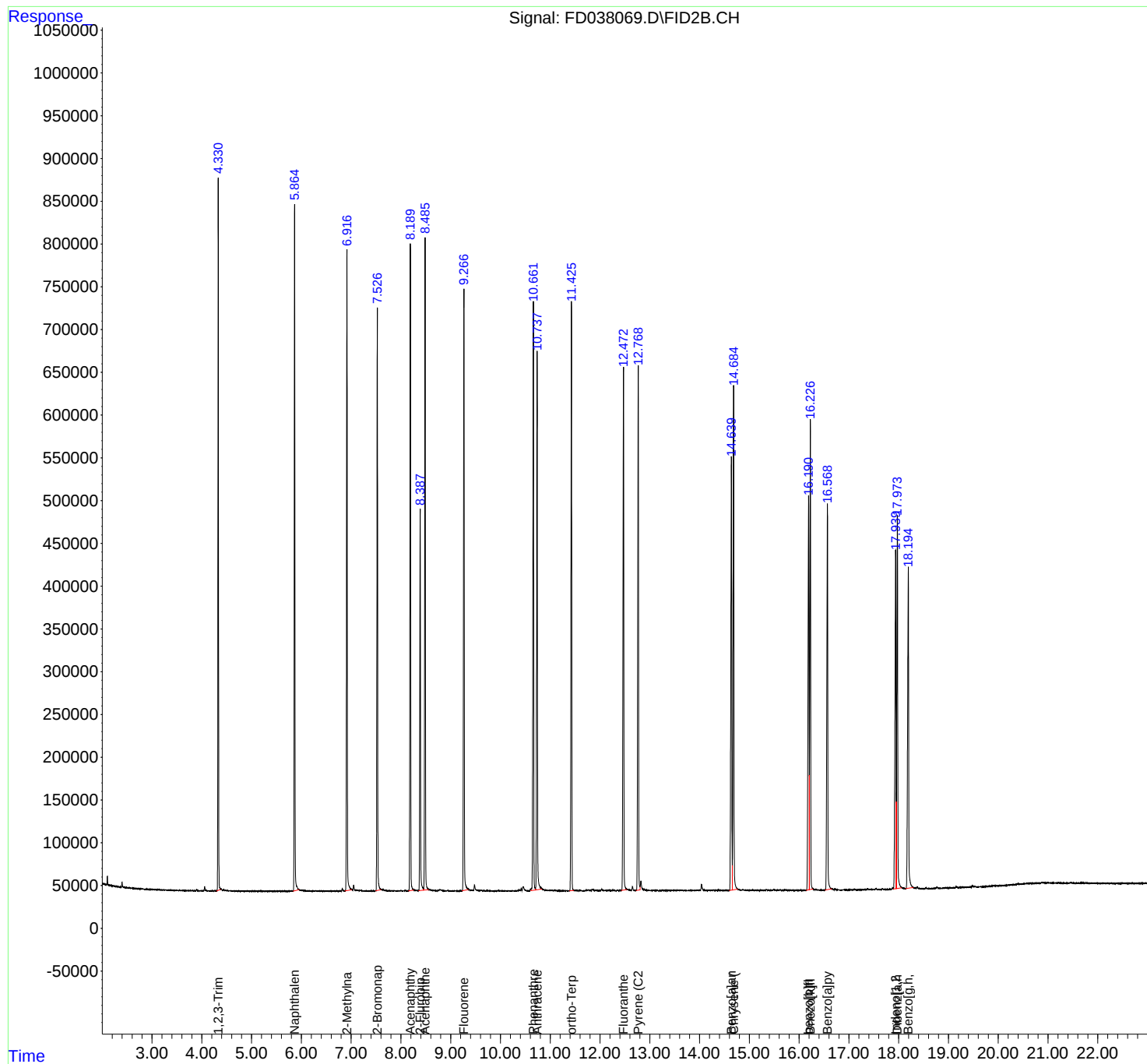
(m)=manual int.

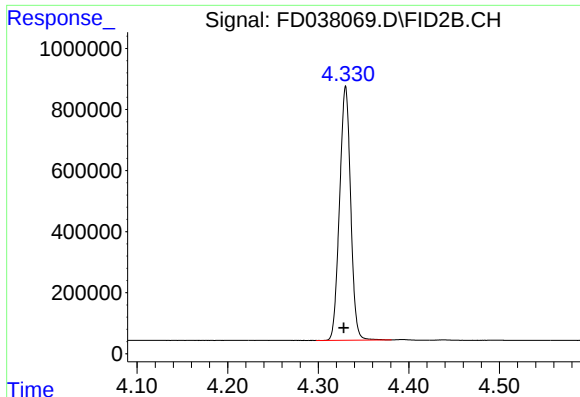
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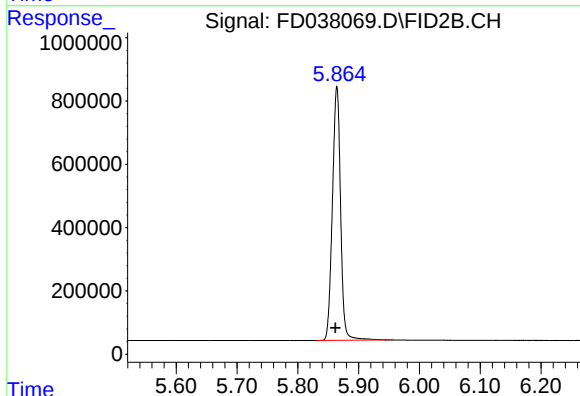




#1 1,2,3-Trimethylbenzene (C10.1)

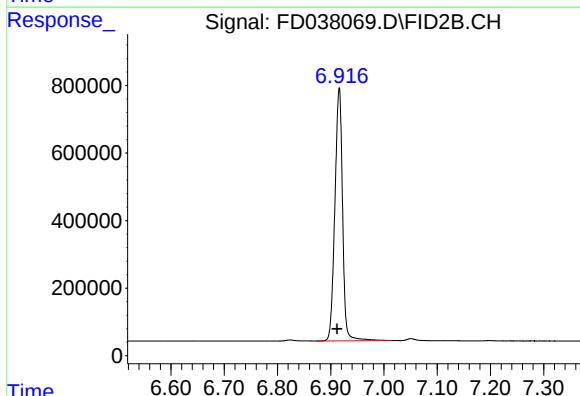
R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 7057201
Conc: 48.68 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



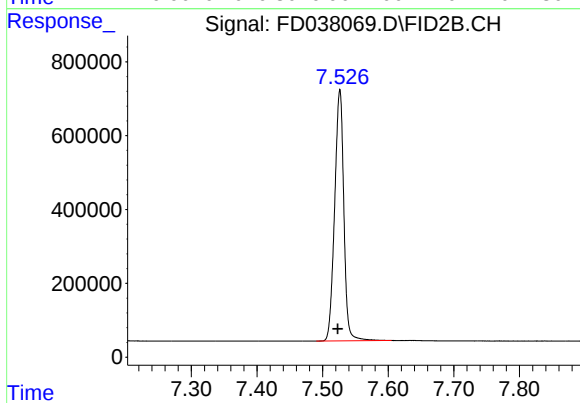
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.002 min
Response: 7513073
Conc: 49.63 ug/ml



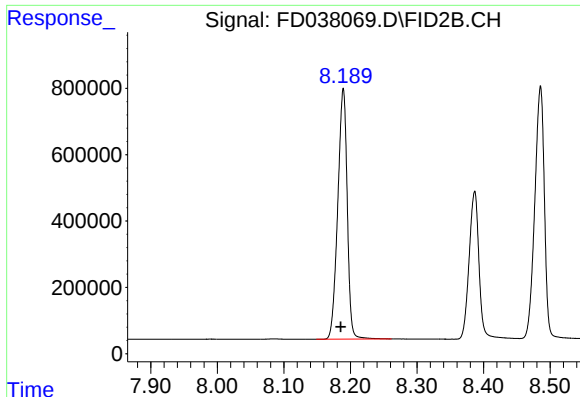
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 7496103
Conc: 49.53 ug/ml



#4 2-Bromonaphthalene (SURR)

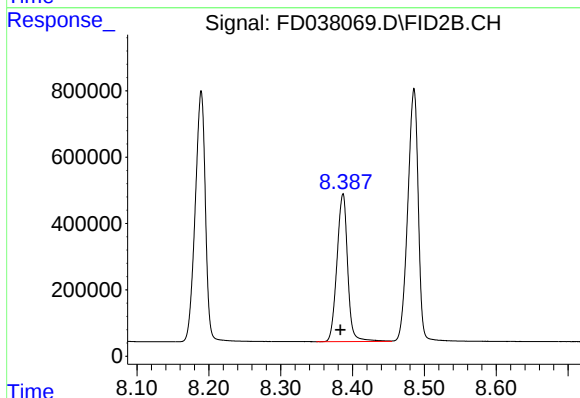
R.T.: 7.527 min
Delta R.T.: 0.003 min
Response: 6612901
Conc: 49.54 ug/ml



#5 Acenaphthylene (C15.06)

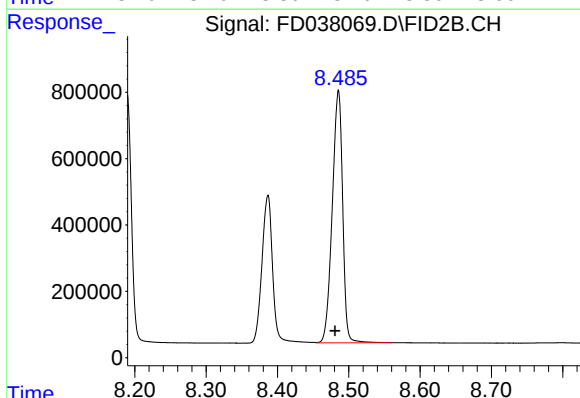
R.T.: 8.189 min
Delta R.T.: 0.004 min
Response: 7457059
Conc: 48.74 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



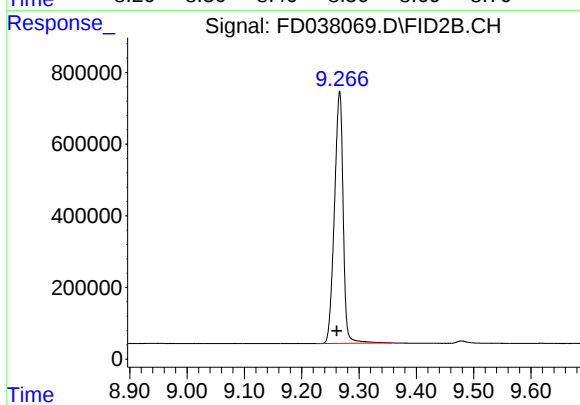
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: 0.004 min
Response: 4607790
Conc: 49.85 ug/ml



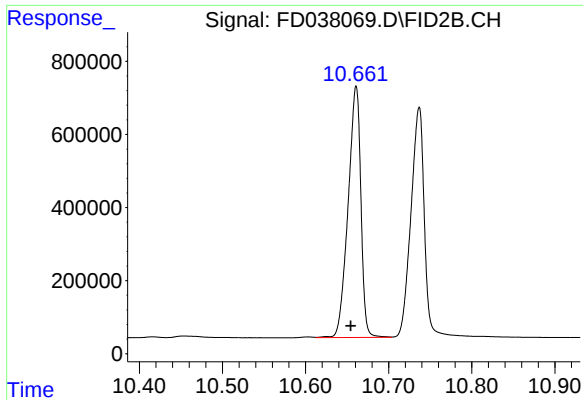
#7 Acenaphthene (C15.5)

R.T.: 8.486 min
Delta R.T.: 0.005 min
Response: 7696063
Conc: 48.63 ug/ml



#8 Fluorene (C16.55)

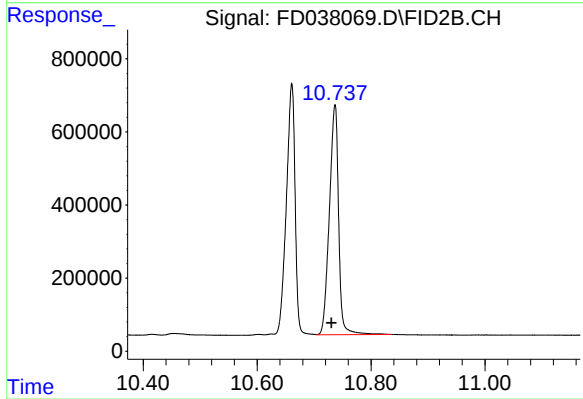
R.T.: 9.266 min
Delta R.T.: 0.005 min
Response: 7443340
Conc: 49.29 ug/ml



#9 Phenanthrene (C19.36)

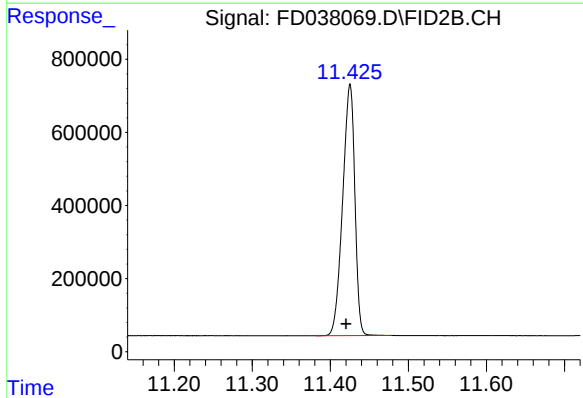
R.T.: 10.661 min
Delta R.T.: 0.006 min
Response: 7353220
Conc: 49.28 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



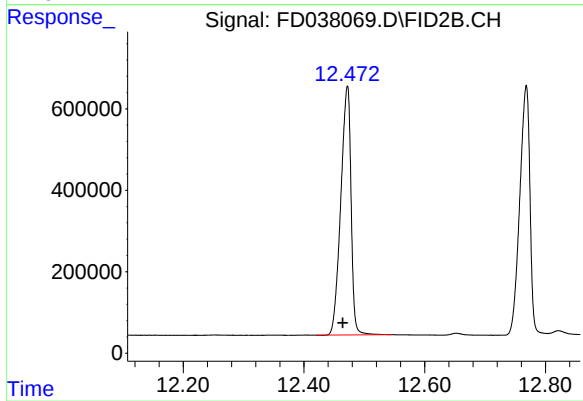
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: 0.006 min
Response: 7111600
Conc: 49.52 ug/ml



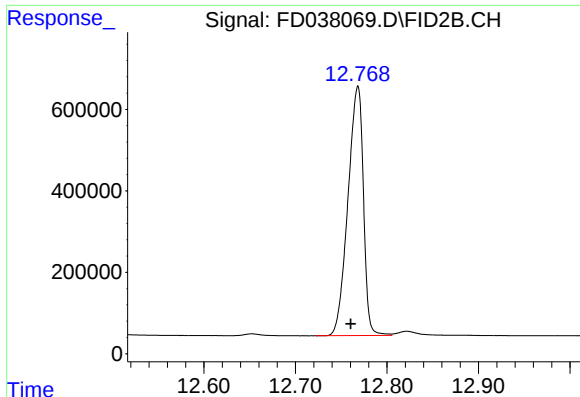
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: 0.005 min
Response: 7455011
Conc: 47.96 ug/ml



#12 Fluoranthene (C21.85)

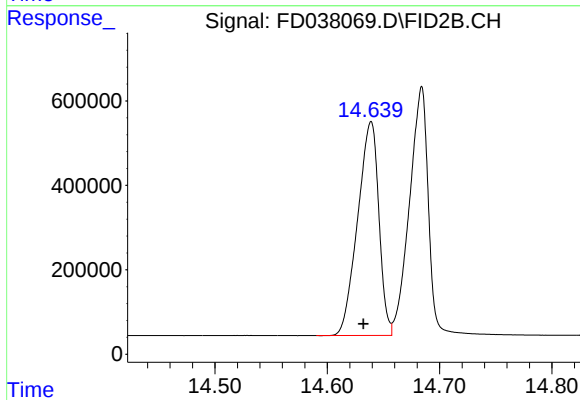
R.T.: 12.472 min
Delta R.T.: 0.008 min
Response: 7217254
Conc: 48.66 ug/ml



#13 Pyrene (C20.8)

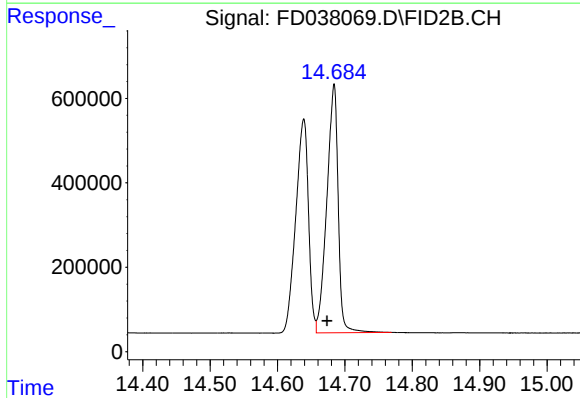
R.T.: 12.768 min
Delta R.T.: 0.008 min
Response: 7192587
Conc: 49.42 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



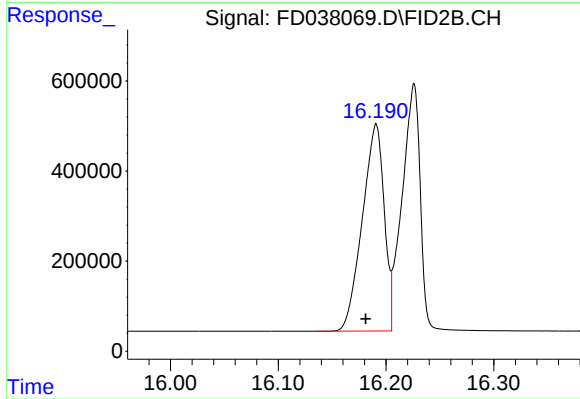
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.007 min
Response: 6643884
Conc: 49.39 ug/ml



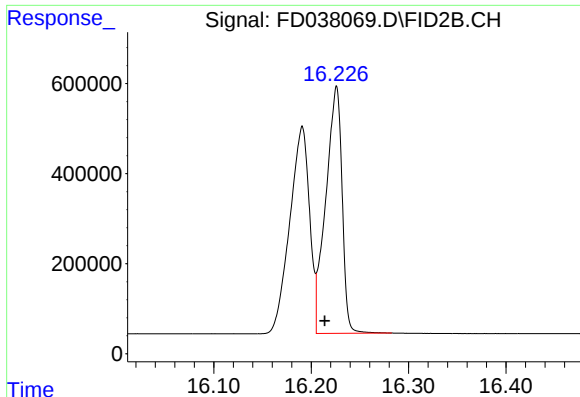
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.011 min
Response: 6901780
Conc: 47.96 ug/ml



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

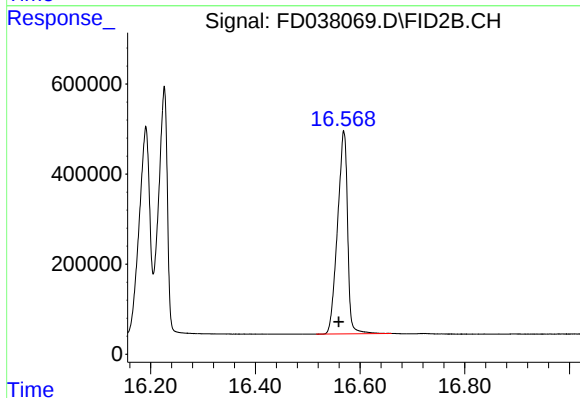
R.T.: 16.191 min
Delta R.T.: 0.010 min
Response: 6466201
Conc: 49.49 ug/ml



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

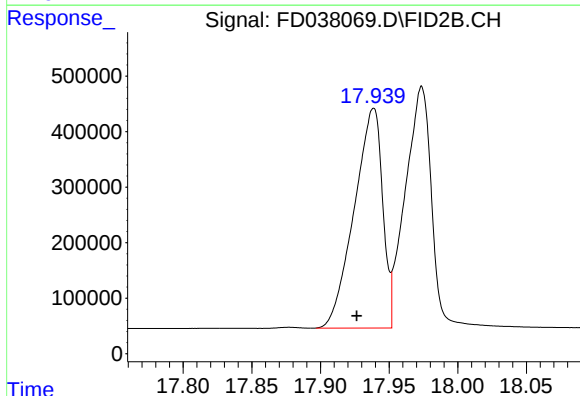
R.T.: 16.226 min
Delta R.T.: 0.012 min
Response: 6395713
Conc: 48.15 ug/ml

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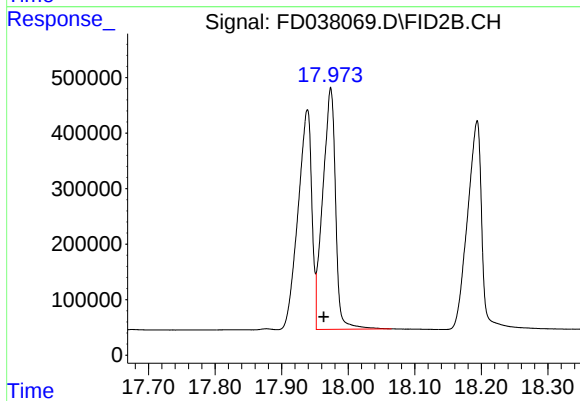
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: 0.010 min
Response: 6004142
Conc: 49.53 ug/ml



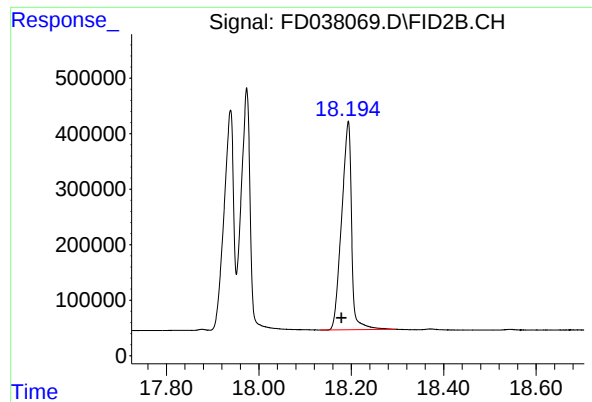
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.939 min
Delta R.T.: 0.012 min
Response: 5703710
Conc: 53.10 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.010 min
Response: 5823960
Conc: 47.72 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.014 min
Response: 5625415
Conc: 50.80 ug/ml

Instrument :
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