

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038593.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 13:03
 Operator : AJ\MA
 Sample : PB138416BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138416BSD

Integration File: autoint1.e
 Quant Time: Aug 18 05:27:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.470	6348548	50.094 ug/ml
Spiked Amount 50.000		Recovery =	100.19%
6) S 2-Fluorobiphenyl (SURR)	8.330	4272430	49.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.42%
11) S ortho-Terphenyl (SURR)	11.366	6730779	46.921 ug/ml
Spiked Amount 50.000		Recovery =	93.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	7135772	50.882 ug/ml
2) T Naphthalene (C11.7)	5.810	7395670	50.784 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	7241757	49.936 ug/ml
5) T Acenaphthylene (C15.06)	8.133	6918340	47.917 ug/ml
7) T Acenaphthene (C15.5)	8.429	7184256	47.996 ug/ml
8) T Fluorene (C16.55)	9.209	6802354	47.738 ug/ml
9) T Phenanthrene (C19.36)	10.603	6468962	45.830 ug/ml
10) T Anthracene (C19.43)	10.678	6083124	44.498 ug/ml
12) T Fluoranthene (C21.85)	12.414	6035028	42.965 ug/ml
13) T Pyrene (C20.8)	12.709	5886468	42.021 ug/ml
14) T Benzo[a]anthracene (C...	14.582	5275340	41.199 ug/ml
15) T Chrysene (C27.41)	14.627	5525695	40.009 ug/ml
16) T benzo[b]fluoranthene ...	16.136	5212578	41.684 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	5212098	39.535 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	4910403	41.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	5082357	46.128 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	5158325	41.907 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	5108590	44.598 ug/ml

(f)=RT Delta > 1/2 Window

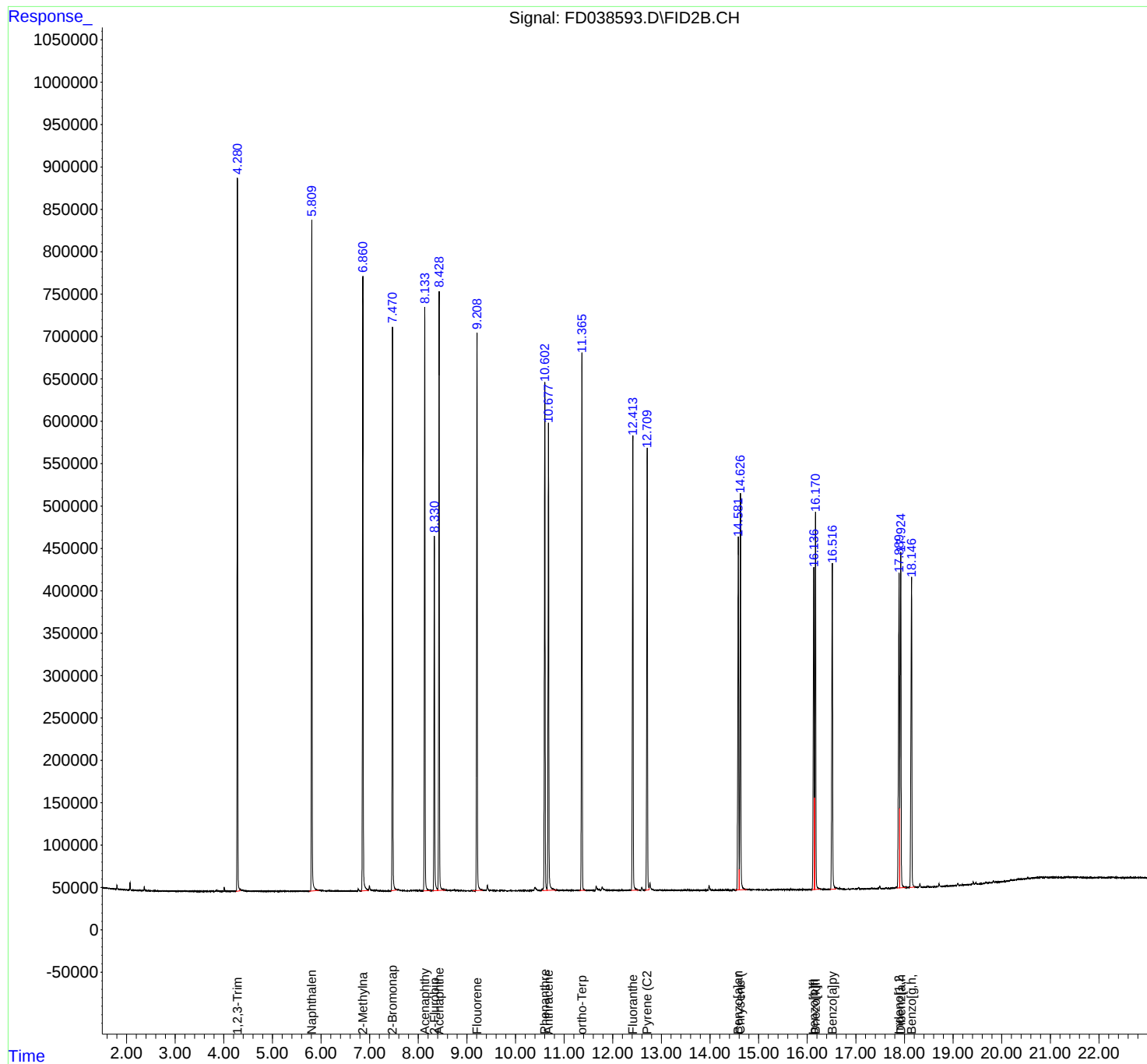
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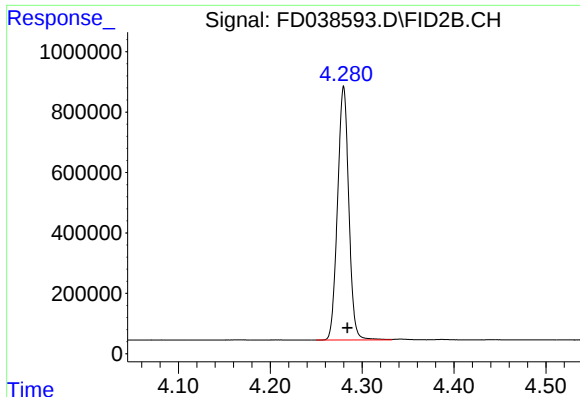
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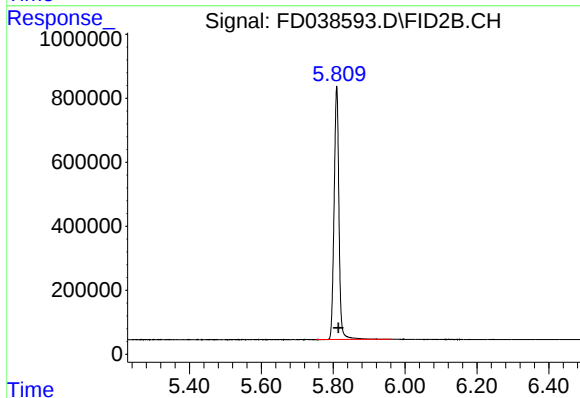




#1 1,2,3-Trimethylbenzene (C10.1)

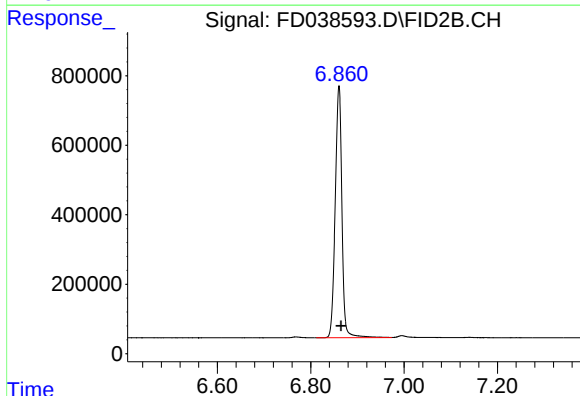
R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 7135772
Conc: 50.88 ug/ml

Instrument :
FID_D
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PB138416BSD



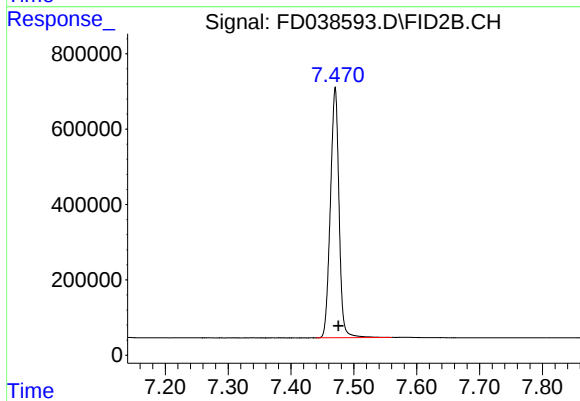
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 7395670
Conc: 50.78 ug/ml



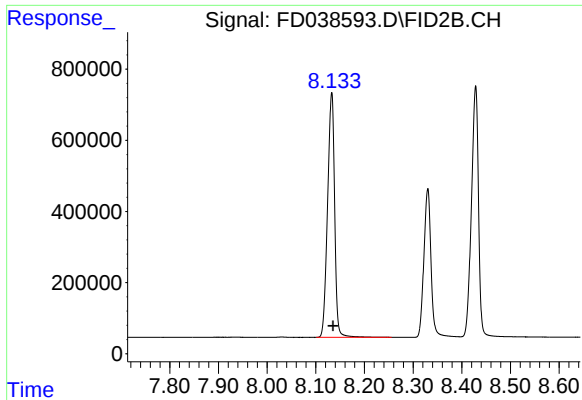
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 7241757
Conc: 49.94 ug/ml



#4 2-Bromonaphthalene (SURR)

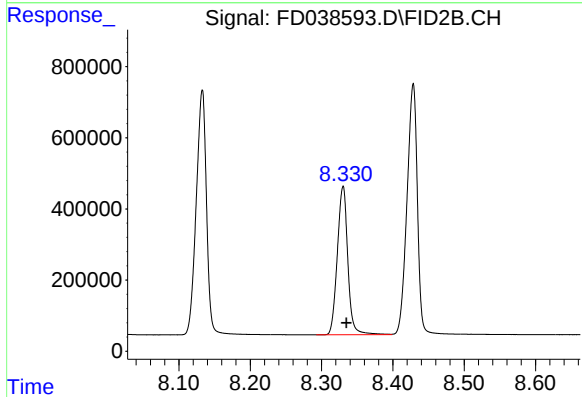
R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 6348548
Conc: 50.09 ug/ml



#5 Acenaphthylene (C15.06)

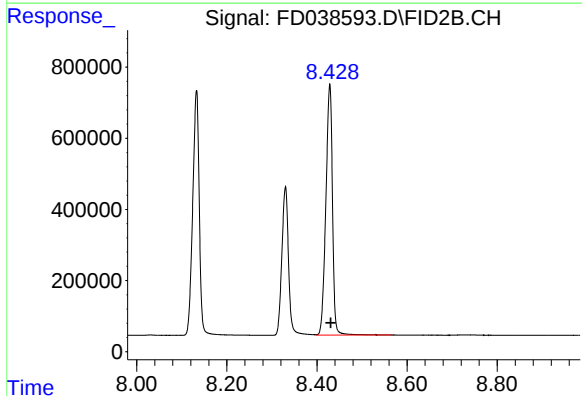
R.T.: 8.133 min
Delta R.T.: -0.003 min
Response: 6918340
Conc: 47.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138416BSD



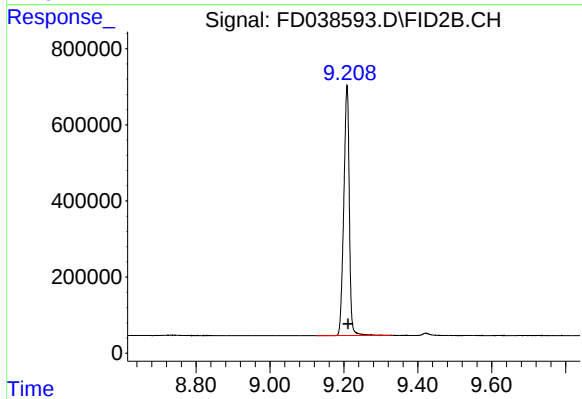
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 4272430
Conc: 49.21 ug/ml



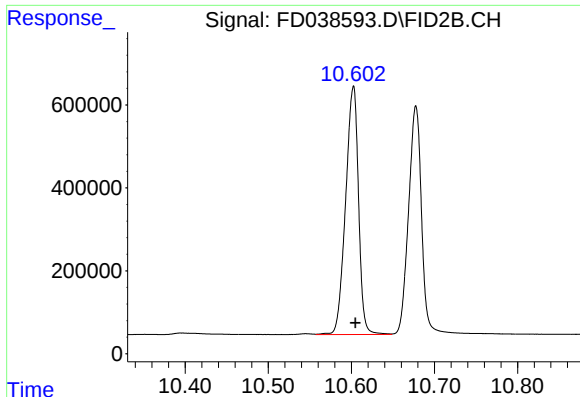
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 7184256
Conc: 48.00 ug/ml



#8 Fluorene (C16.55)

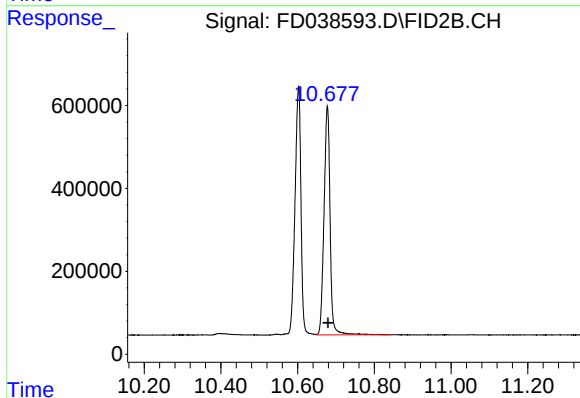
R.T.: 9.209 min
Delta R.T.: -0.003 min
Response: 6802354
Conc: 47.74 ug/ml



#9 Phenanthrene (C19.36)

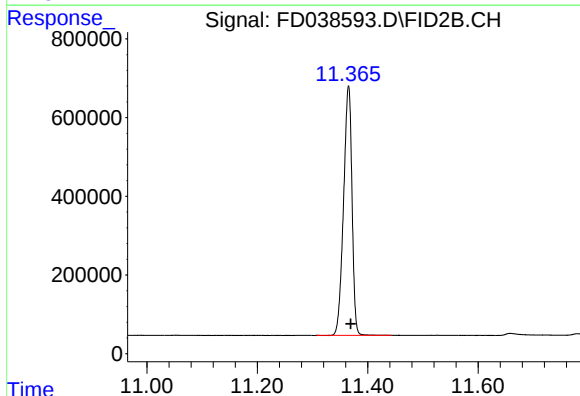
R.T.: 10.603 min
Delta R.T.: -0.002 min
Response: 6468962
Conc: 45.83 ug/ml

Instrument :
FID_D
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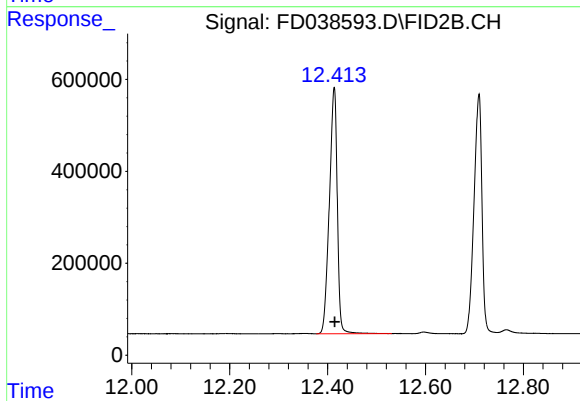
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: -0.002 min
Response: 6083124
Conc: 44.50 ug/ml



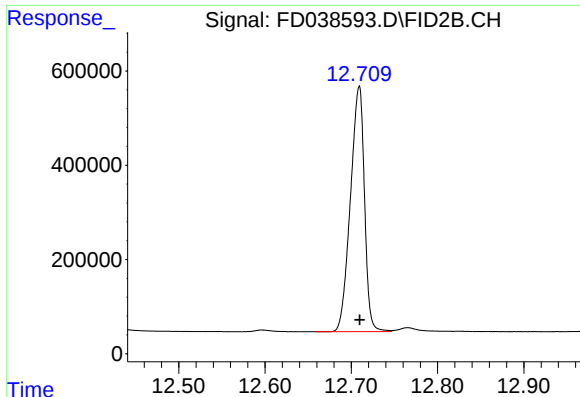
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.004 min
Response: 6730779
Conc: 46.92 ug/ml



#12 Fluoranthene (C21.85)

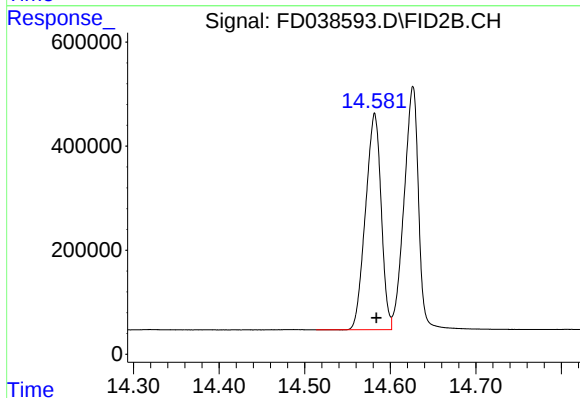
R.T.: 12.414 min
Delta R.T.: 0.000 min
Response: 6035028
Conc: 42.97 ug/ml



#13 Pyrene (C20.8)

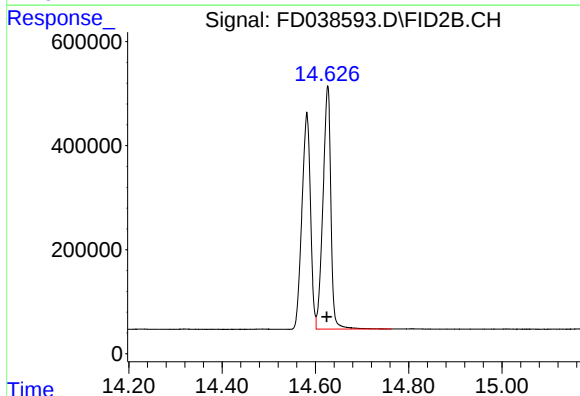
R.T.: 12.709 min
Delta R.T.: 0.000 min
Response: 5886468
Conc: 42.02 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138416BSD



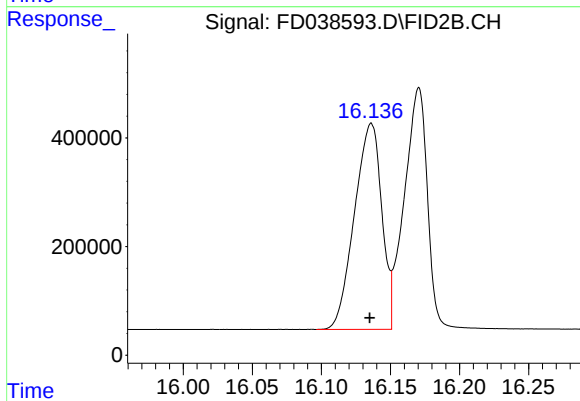
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.002 min
Response: 5275340
Conc: 41.20 ug/ml



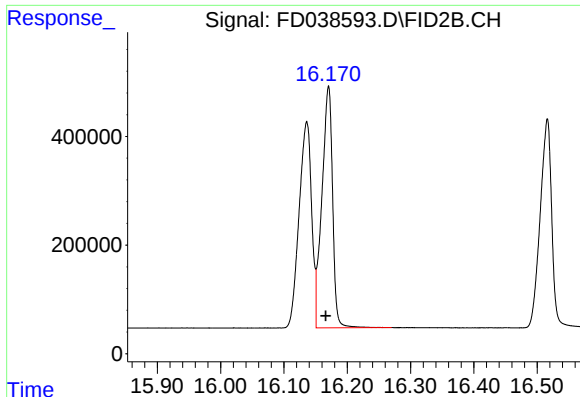
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: 0.002 min
Response: 5525695
Conc: 40.01 ug/ml



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

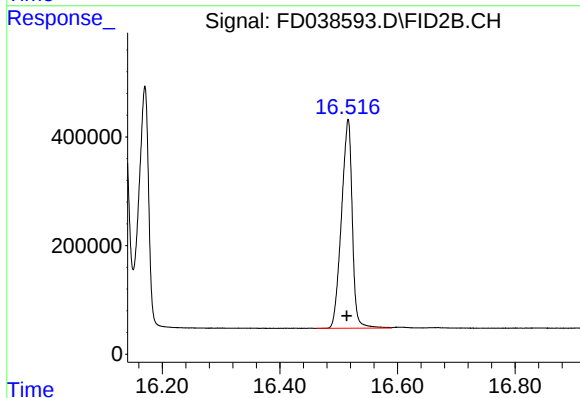
R.T.: 16.136 min
Delta R.T.: 0.001 min
Response: 5212578
Conc: 41.68 ug/ml



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

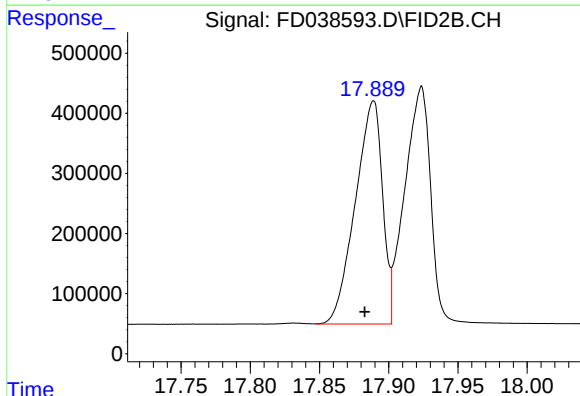
R.T.: 16.171 min
Delta R.T.: 0.005 min
Response: 5212098
Conc: 39.54 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138416BSD



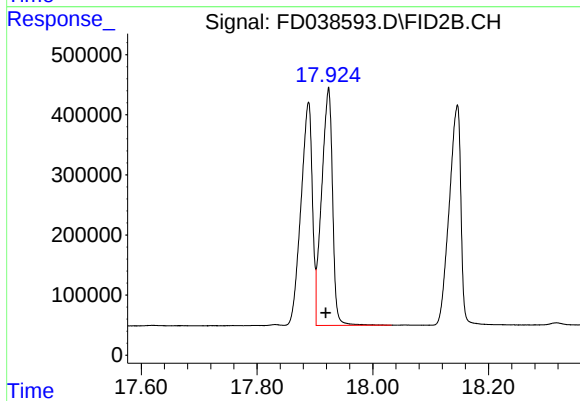
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.516 min
Delta R.T.: 0.003 min
Response: 4910403
Conc: 41.09 ug/ml



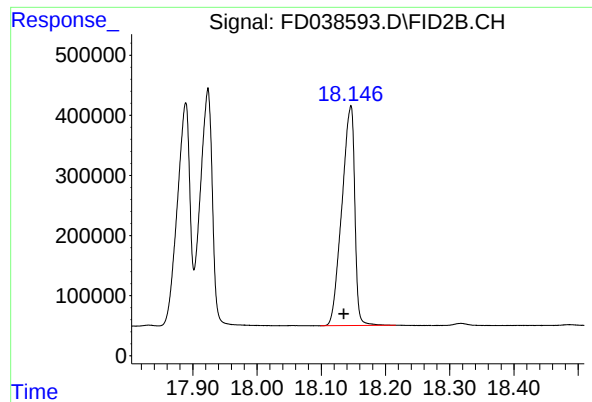
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: 0.006 min
Response: 5082357
Conc: 46.13 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.005 min
Response: 5158325
Conc: 41.91 ug/ml



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

R.T.: 18.146 min
Delta R.T.: 0.012 min
Response: 5108590
Conc: 44.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138416BSD