

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AR\
 Data File : FD038086.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 16:51
 Operator : DD\AJ
 Sample : M2933-04MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 4MSD

Integration File: autoint1.e
 Quant Time: Jul 08 02:10:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.524	5973473	45.834 ug/ml
Spiked Amount 50.000		Recovery =	91.67%
6) S 2-Fluorobiphenyl (SURR)	8.384	3282663	37.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.19%
11) S ortho-Terphenyl (SURR)	11.421	4876975	32.181 ug/ml
Spiked Amount 50.000		Recovery =	64.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	5603825	39.562 ug/ml
2) T Naphthalene (C11.7)	5.863	7139838	48.293 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	7594059	51.744 ug/ml
5) T Acenaphthylene (C15.06)	8.189	8691088	58.261 ug/ml
7) T Acenaphthene (C15.5)	8.486	8963438	57.890 ug/ml
8) T Fluorene (C16.55)	9.266	9053954	61.763 ug/ml
9) T Phenanthrene (C19.36)	10.661	8717697	60.307 ug/ml
10) T Anthracene (C19.43)	10.738	8623952	60.959 ug/ml
12) T Fluoranthene (C21.85)	12.472	8698853	60.045 ug/ml
13) T Pyrene (C20.8)	12.769	8782562	61.636 ug/ml
14) T Benzo[a]anthracene (C...	14.639	7917227	62.009 ug/ml
15) T Chrysene (C27.41)	14.684	7981238	56.375 ug/ml
16) T benzo[b]fluoranthene ...	16.191	7758484	62.217 ug/ml
17) T Bnezo[k]fluoranthene ...	16.226	7600323	57.938 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	7373883	62.861 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.938	6498112	62.782 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	6630602	56.254 ug/ml
21) T Benzo[g,h,i]perylene ...	18.194	6545715	59.969 ug/ml

(f)=RT Delta > 1/2 Window

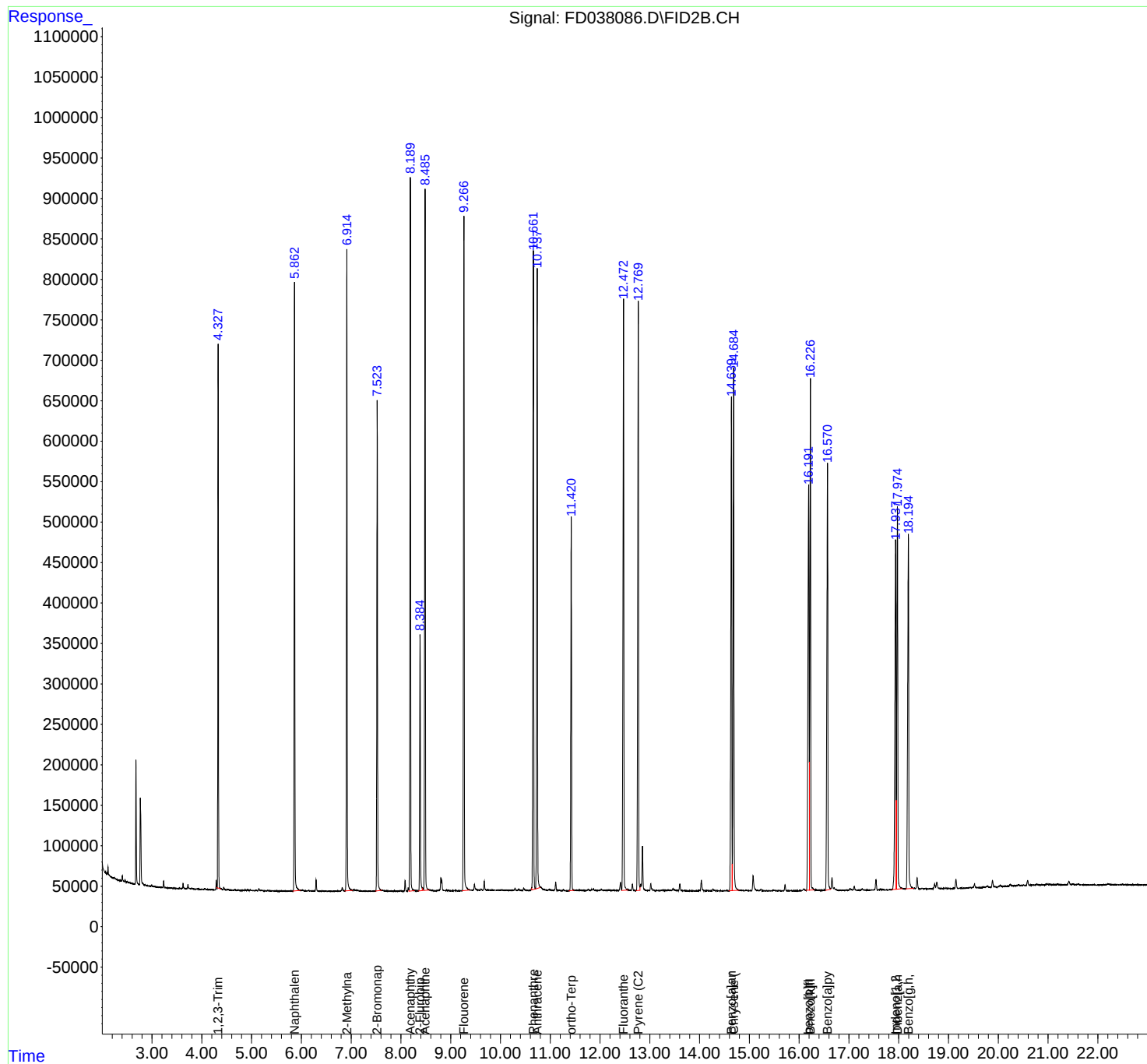
(m)=manual int.

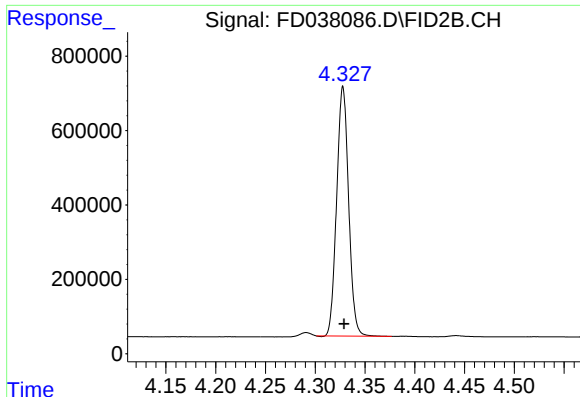
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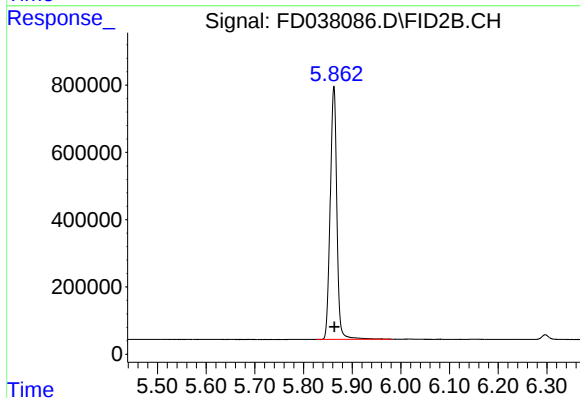




#1 1,2,3-Trimethylbenzene (C10.1)

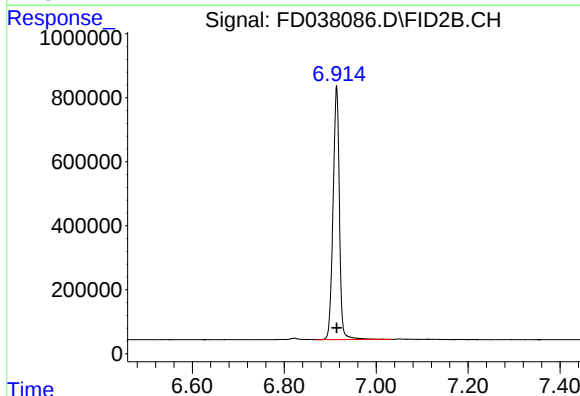
R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 5603825
Conc: 39.56 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD



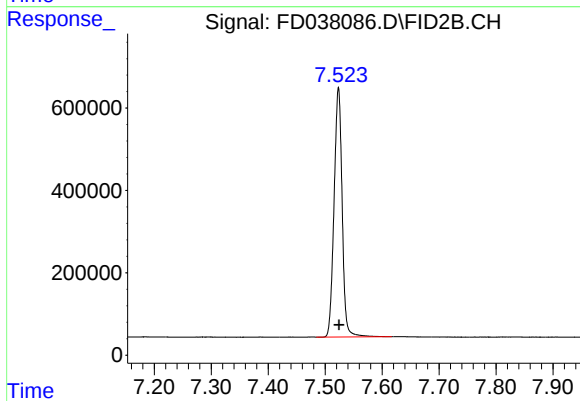
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.001 min
Response: 7139838
Conc: 48.29 ug/ml



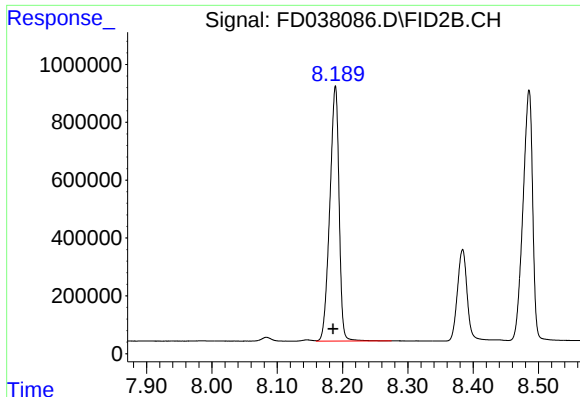
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 7594059
Conc: 51.74 ug/ml



#4 2-Bromonaphthalene (SURR)

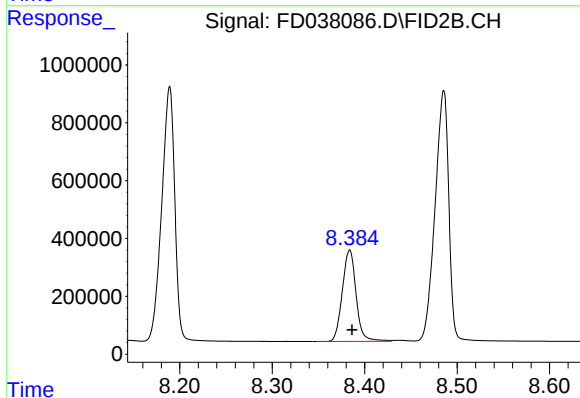
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 5973473
Conc: 45.83 ug/ml



#5 Acenaphthylene (C15.06)

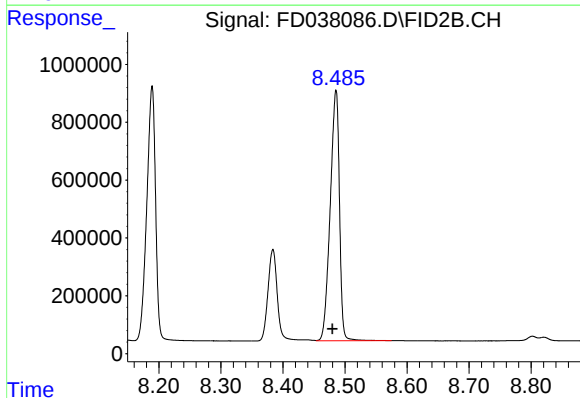
R.T.: 8.189 min
Delta R.T.: 0.004 min
Response: 8691088
Conc: 58.26 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD



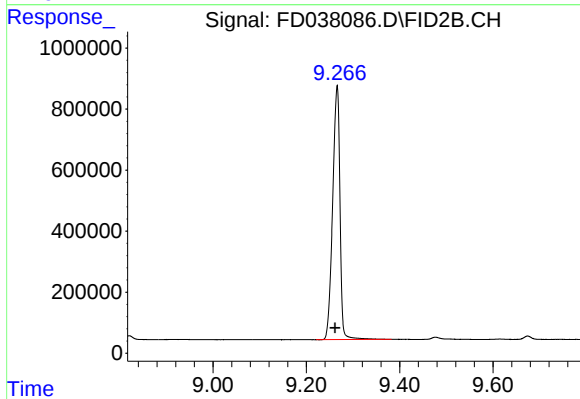
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.002 min
Response: 3282663
Conc: 37.10 ug/ml



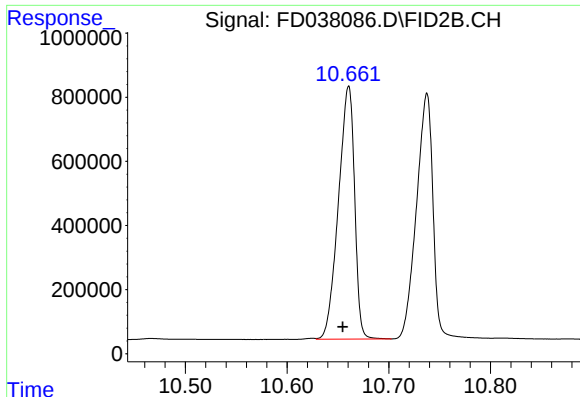
#7 Acenaphthene (C15.5)

R.T.: 8.486 min
Delta R.T.: 0.006 min
Response: 8963438
Conc: 57.89 ug/ml



#8 Flouorene (C16.55)

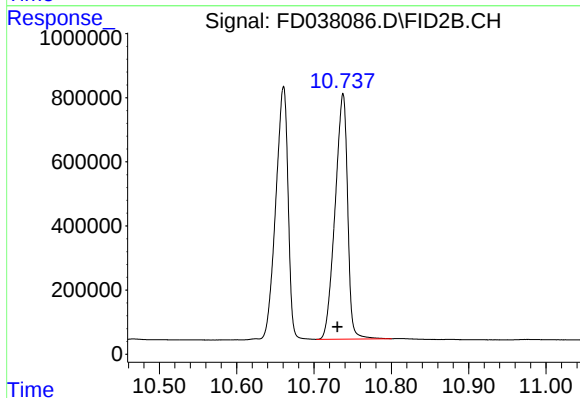
R.T.: 9.266 min
Delta R.T.: 0.005 min
Response: 9053954
Conc: 61.76 ug/ml



#9 Phenanthrene (C19.36)

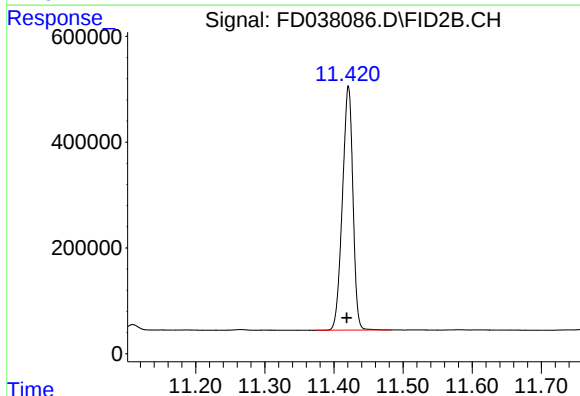
R.T.: 10.661 min
Delta R.T.: 0.006 min
Response: 8717697
Conc: 60.31 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD



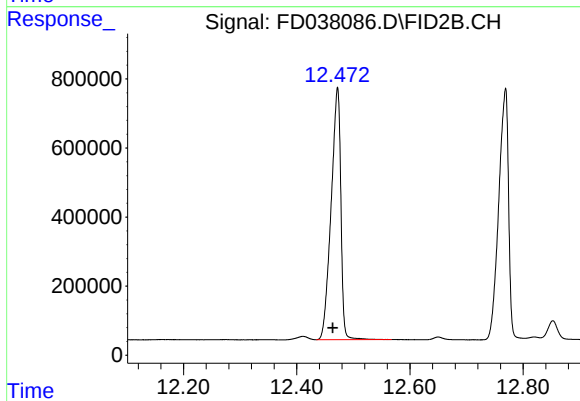
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.007 min
Response: 8623952
Conc: 60.96 ug/ml



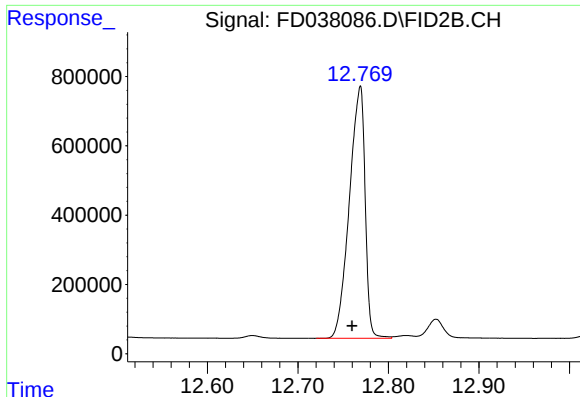
#11 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: 0.002 min
Response: 4876975
Conc: 32.18 ug/ml



#12 Fluoranthene (C21.85)

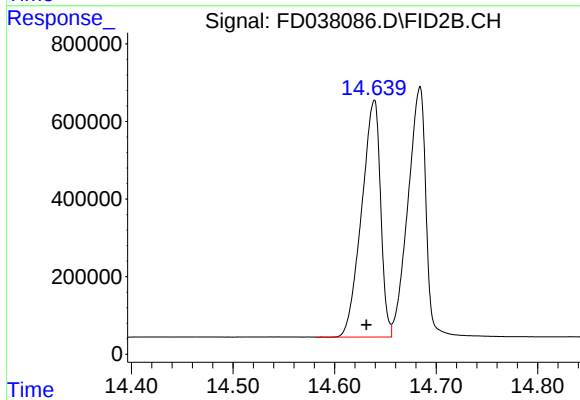
R.T.: 12.472 min
Delta R.T.: 0.008 min
Response: 8698853
Conc: 60.05 ug/ml



#13 Pyrene (C20.8)

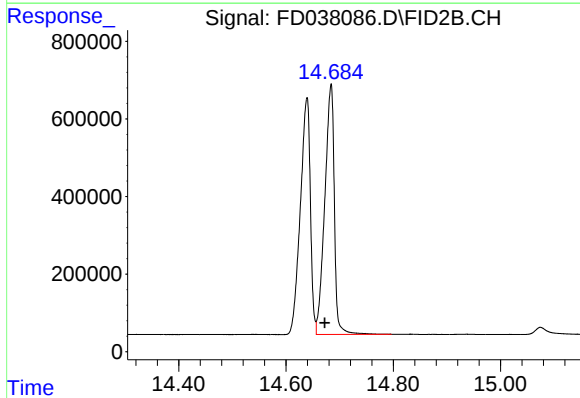
R.T.: 12.769 min
Delta R.T.: 0.009 min
Response: 8782562
Conc: 61.64 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD



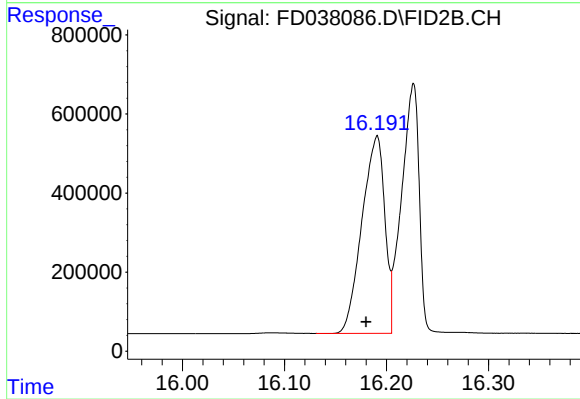
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.008 min
Response: 7917227
Conc: 62.01 ug/ml



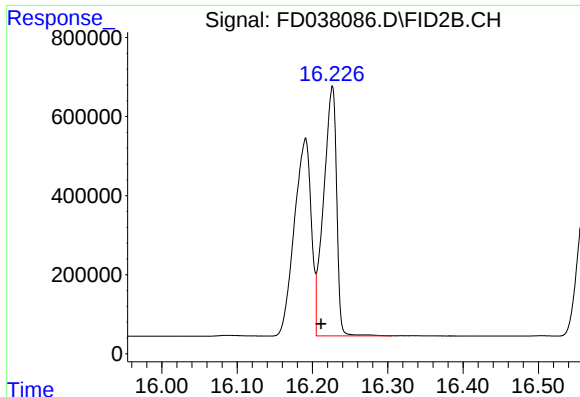
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.012 min
Response: 7981238
Conc: 56.37 ug/ml



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

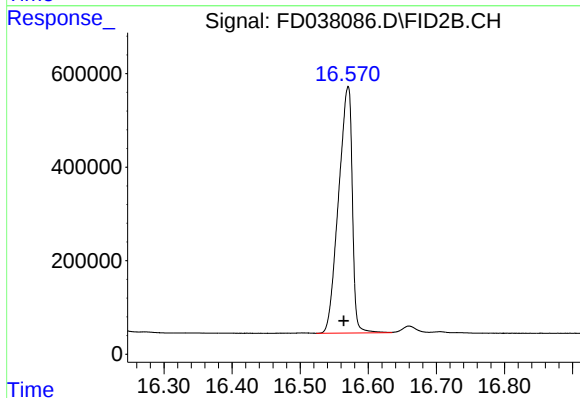
R.T.: 16.191 min
Delta R.T.: 0.011 min
Response: 7758484
Conc: 62.22 ug/ml



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

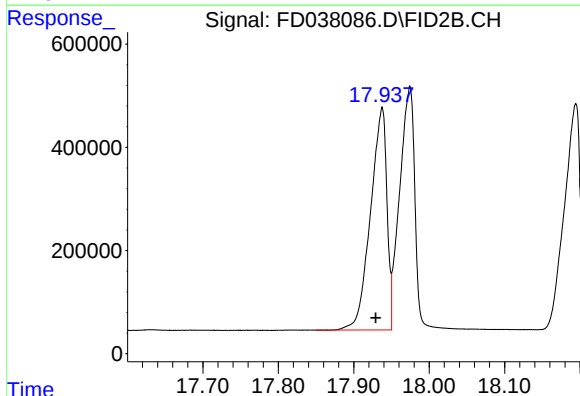
R.T.: 16.226 min
Delta R.T.: 0.015 min
Response: 7600323
Conc: 57.94 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD



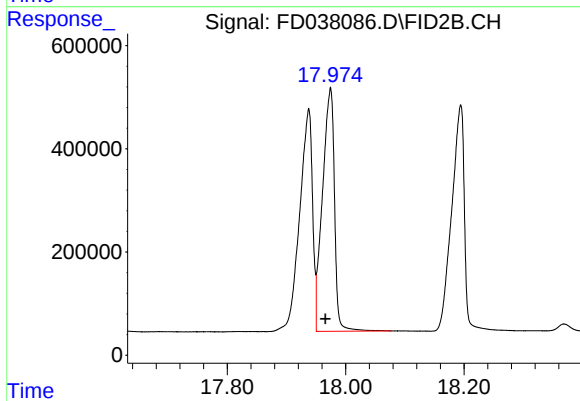
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: 0.006 min
Response: 7373883
Conc: 62.86 ug/ml



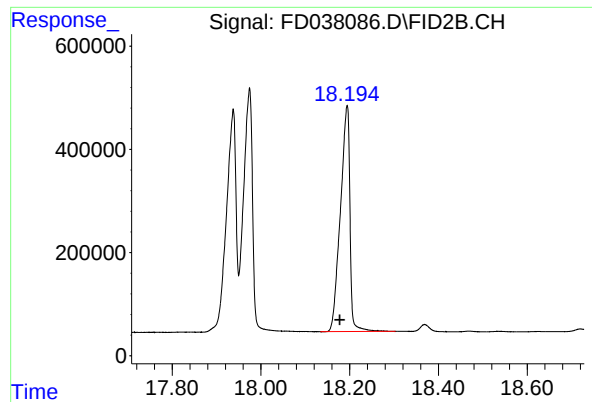
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.938 min
Delta R.T.: 0.008 min
Response: 6498112
Conc: 62.78 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.009 min
Response: 6630602
Conc: 56.25 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.016 min
Response: 6545715
Conc: 59.97 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD