

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046798.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 19:53
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 28 02:49:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:41:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.485	1007604	5.525 ug/ml
Spiked Amount 50.000		Recovery =	11.05%
6) S 2-Fluorobiphenyl (SURR)	8.338	619838	5.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.53%
11) S ortho-Terphenyl (SURR)	11.373	1169251	5.522 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	1093264	5.661 ug/ml
2) T Naphthalene (C11.7)	5.826	1117879	5.583 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	1107718	5.511 ug/ml
5) T Acenaphthylene (C15.06)	8.141	1003247	5.455 ug/ml
7) T Acenaphthene (C15.5)	8.435	1079136	5.509 ug/ml
8) T Fluorene (C16.55)	9.214	981281	5.305 ug/ml
9) T Phenanthrene (C19.36)	10.602	934601	5.253 ug/ml
10) T Anthracene (C19.43)	10.677	907925	5.328 ug/ml
12) T Fluoranthene (C21.85)	12.404	914064	5.292 ug/ml
13) T Pyrene (C20.8)	12.698	869472	5.229 ug/ml
14) T Benzo[a]anthracene (C...	14.561	719410	5.113 ug/ml
15) T Chrysene (C27.41)	14.602	864323	5.542 ug/ml
16) T benzo[b]fluoranthene ...	16.100	754707	5.273 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	815118	5.568 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	748702	5.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	629287	4.981 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	847707	6.068 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	779392	5.582 ug/ml

(f)=RT Delta > 1/2 Window

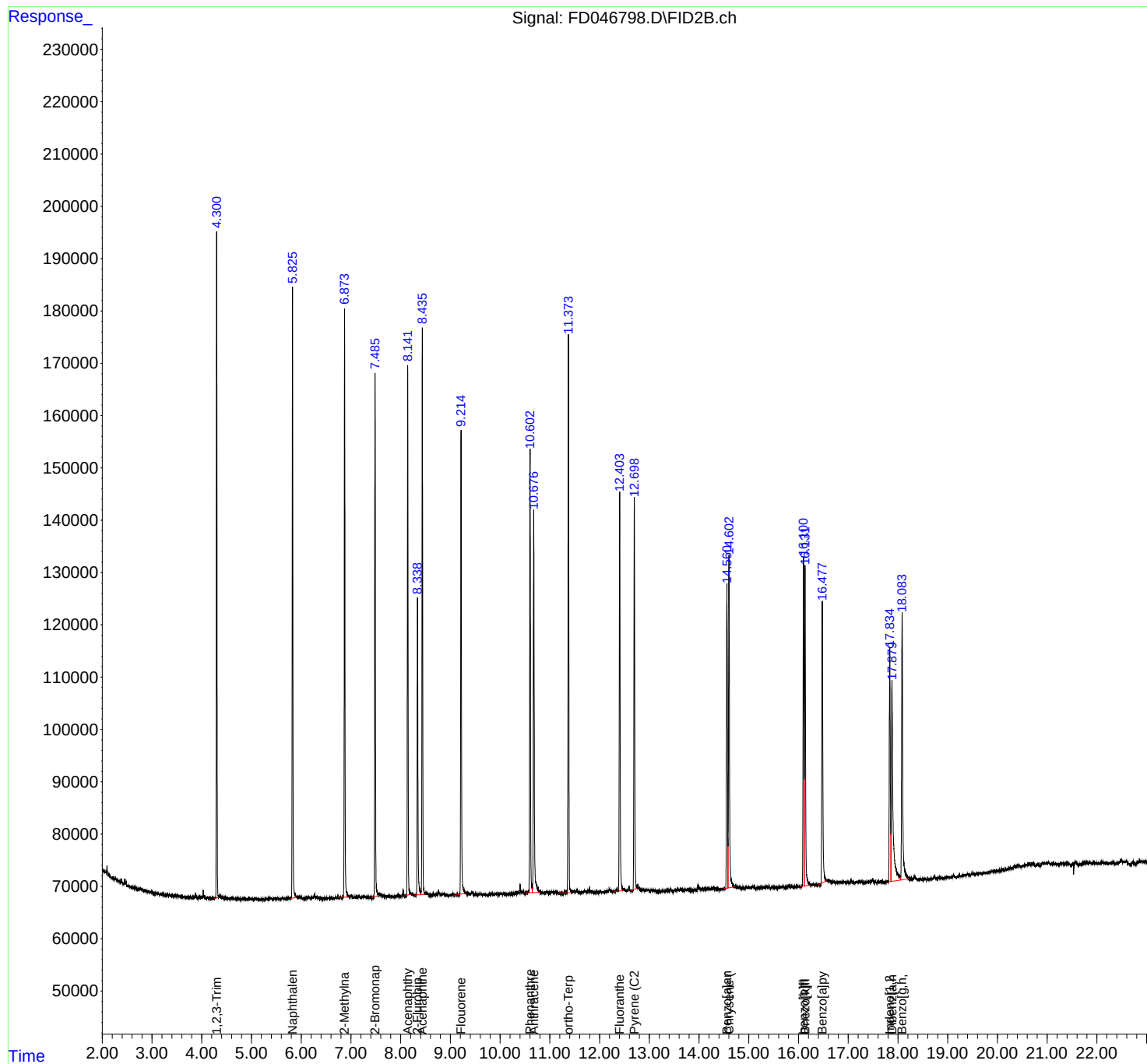
(m)=manual int.

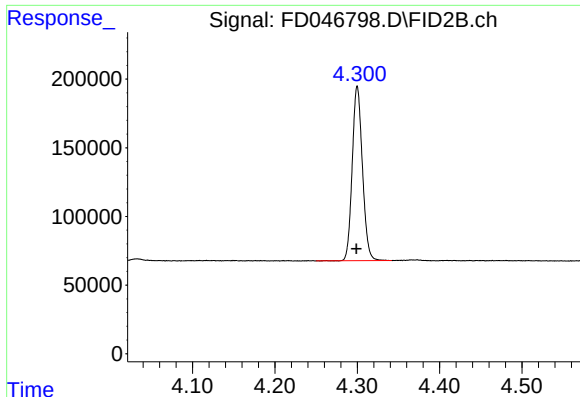
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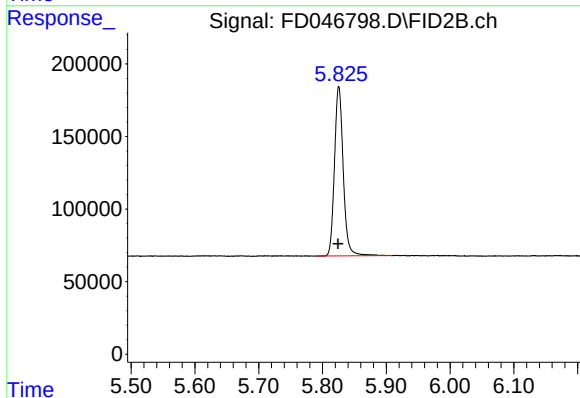




#1 1,2,3-Trimethylbenzene (C10.1)

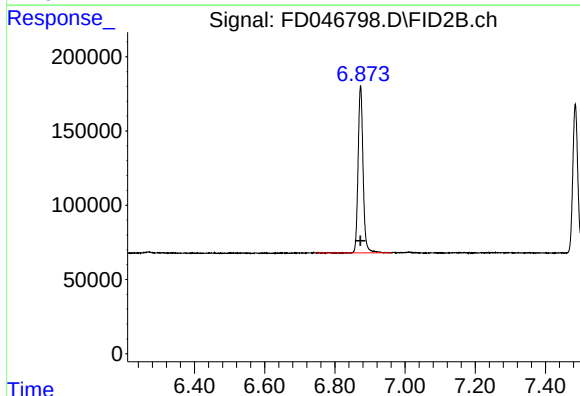
R.T.: 4.300 min
Delta R.T.: 0.001 min
Response: 1093264
Conc: 5.66 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



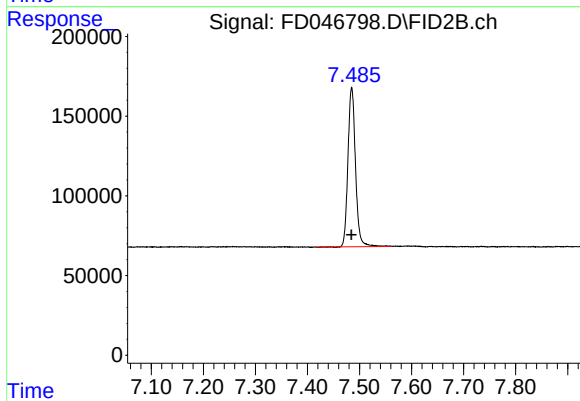
#2 Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.001 min
Response: 1117879
Conc: 5.58 ug/ml



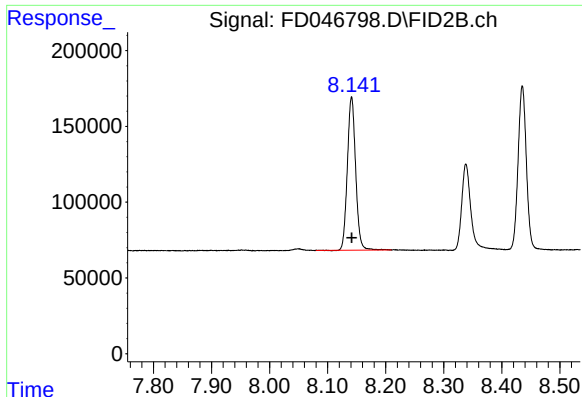
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 1107718
Conc: 5.51 ug/ml



#4 2-Bromonaphthalene (SURR)

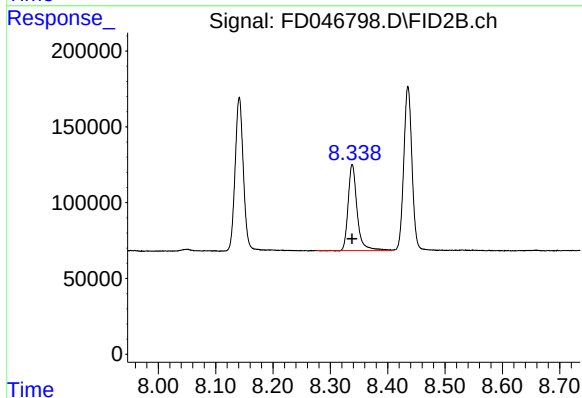
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 1007604
Conc: 5.52 ug/ml



#5 Acenaphthylene (C15.06)

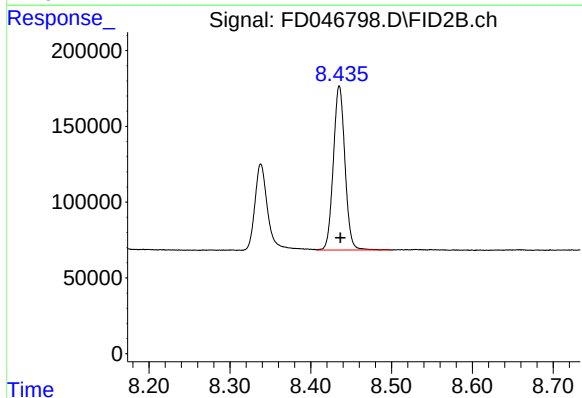
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 1003247
Conc: 5.45 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



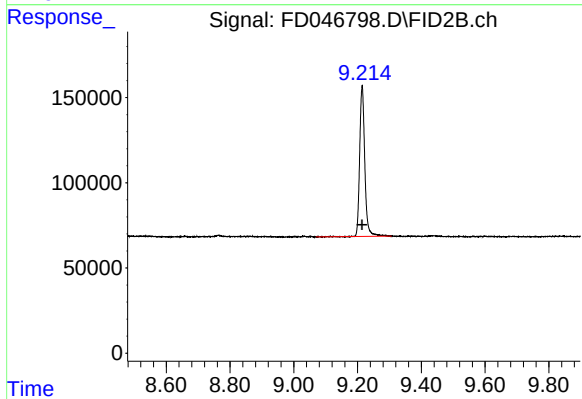
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 619838
Conc: 5.27 ug/ml



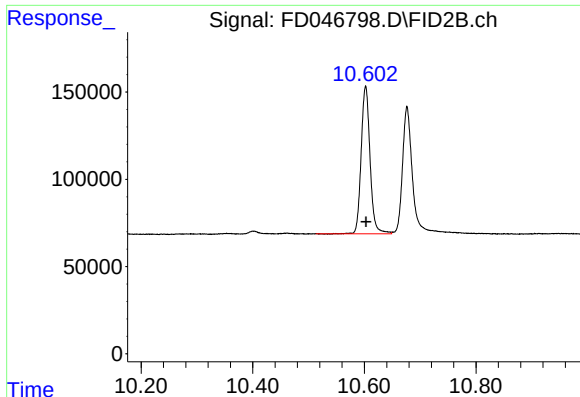
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.001 min
Response: 1079136
Conc: 5.51 ug/ml



#8 Fluorene (C16.55)

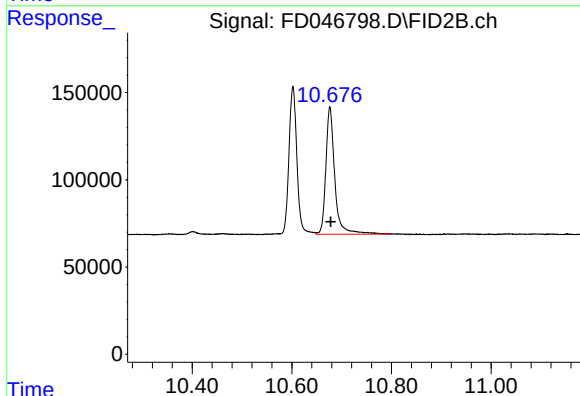
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 981281
Conc: 5.31 ug/ml



#9 Phenanthrene (C19.36)

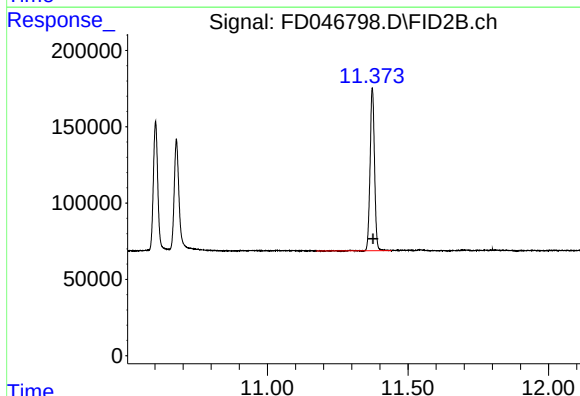
R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 934601
Conc: 5.25 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



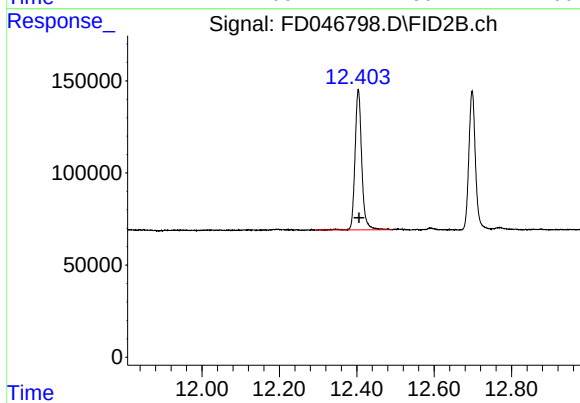
#10 Anthracene (C19.43)

R.T.: 10.677 min
Delta R.T.: -0.001 min
Response: 907925
Conc: 5.33 ug/ml



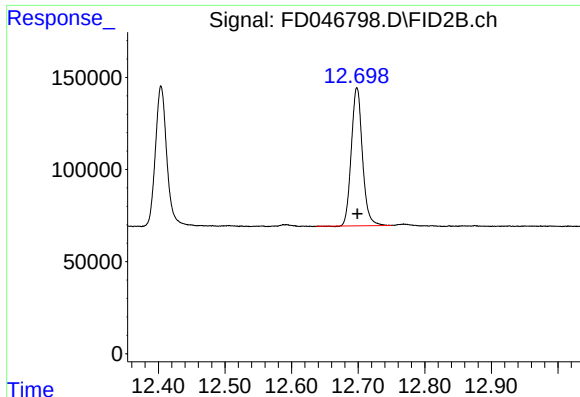
#11 ortho-Terphenyl (SURR)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 1169251
Conc: 5.52 ug/ml



#12 Fluoranthene (C21.85)

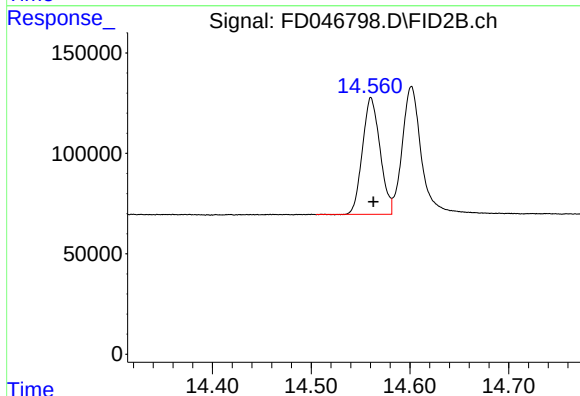
R.T.: 12.404 min
Delta R.T.: -0.002 min
Response: 914064
Conc: 5.29 ug/ml



#13 Pyrene (C20.8)

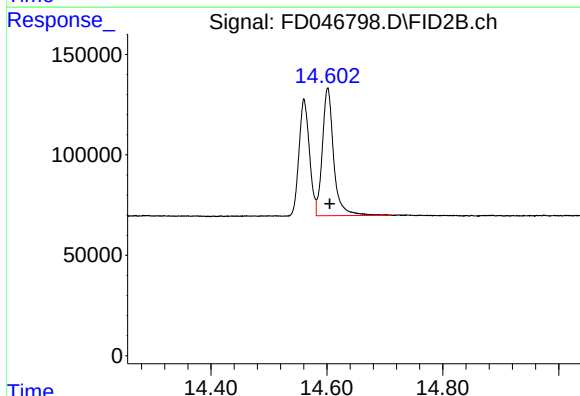
R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 869472
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



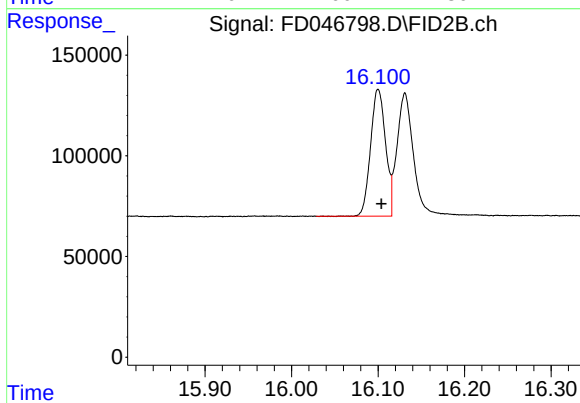
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.002 min
Response: 719410
Conc: 5.11 ug/ml



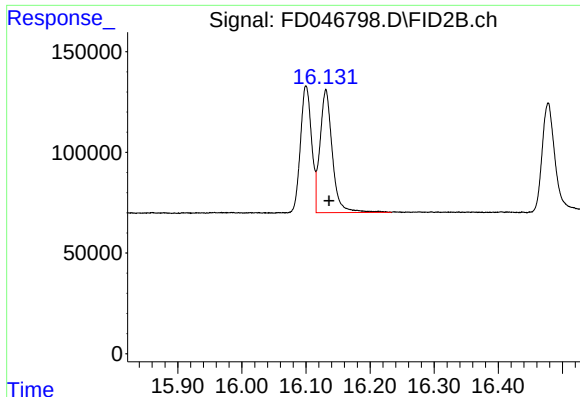
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 864323
Conc: 5.54 ug/ml



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

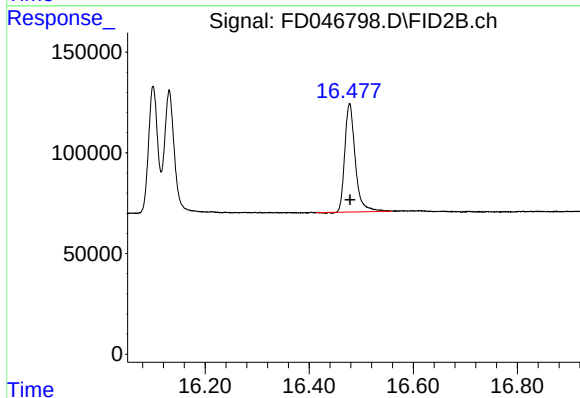
R.T.: 16.100 min
Delta R.T.: -0.004 min
Response: 754707
Conc: 5.27 ug/ml



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

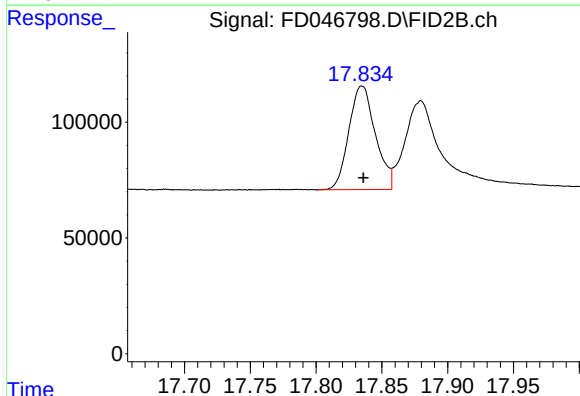
R.T.: 16.131 min
Delta R.T.: -0.005 min
Response: 815118
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



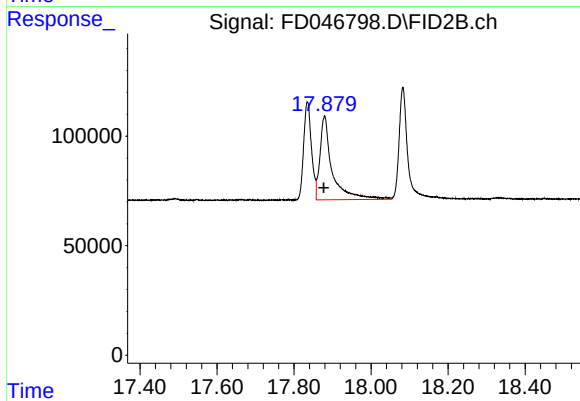
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: -0.001 min
Response: 748702
Conc: 5.34 ug/ml



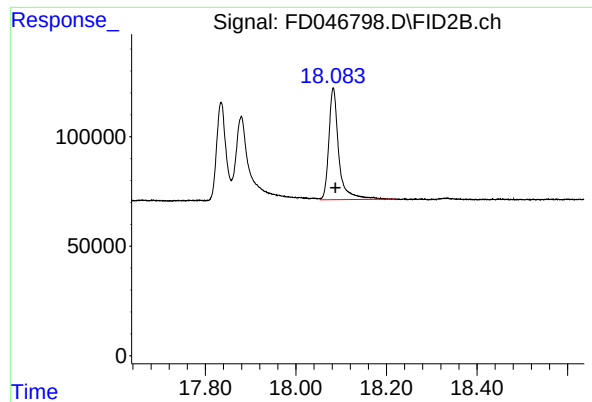
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: -0.001 min
Response: 629287
Conc: 4.98 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.002 min
Response: 847707
Conc: 6.07 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 779392
Conc: 5.58 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5