

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049076.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 15:48
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 10 16:26:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 16:26:18 2025
 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...	7.358	773691	5.406 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
6) S 2-Fluorobiphenyl (SURR)	8.218	411369	4.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.36%
11) S ortho-Terphenyl (SURR)	11.234	896262	5.540 ug/ml
Spiked Amount 50.000		Recovery =	11.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	880662	5.530 ug/ml
2) T Naphthalene (C11.7)	5.699	819370	5.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	809055	5.196 ug/ml
5) T Acenaphthylene (C15.06)	8.007	889357	5.469 ug/ml
7) T Acenaphthene (C15.5)	8.298	942609	5.730 ug/ml
8) T Fluorene (C16.55)	9.085	839593	5.326 ug/ml
9) T Phenanthrene (C19.36)	10.472	783663	5.200 ug/ml
10) T Anthracene (C19.43)	10.552	786469	5.207 ug/ml
12) T Fluoranthene (C21.85)	12.279	819618	5.311 ug/ml
13) T Pyrene (C20.8)	12.567	846750	5.496 ug/ml
14) T Benzo[a]anthracene (C...	14.443	584303	4.447 ug/ml
15) T Chrysene (C27.41)	14.479	971932	6.011 ug/ml
16) T benzo[b]fluoranthene ...	15.986	664702	4.831 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	942068	5.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	726171	5.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	475672	4.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	897828	5.787 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	809816	5.587 ug/ml

(f)=RT Delta > 1/2 Window

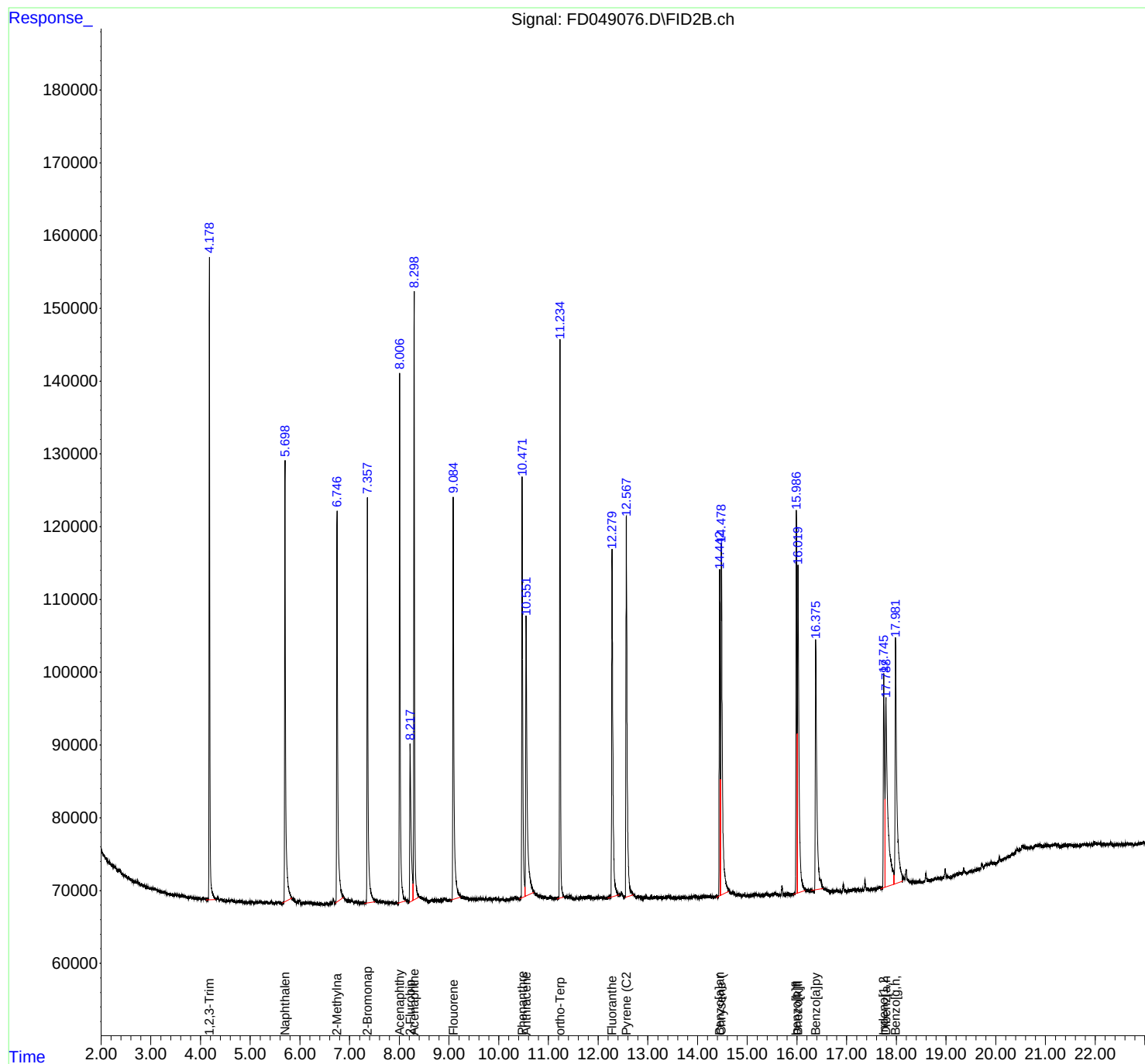
(m)=manual int.

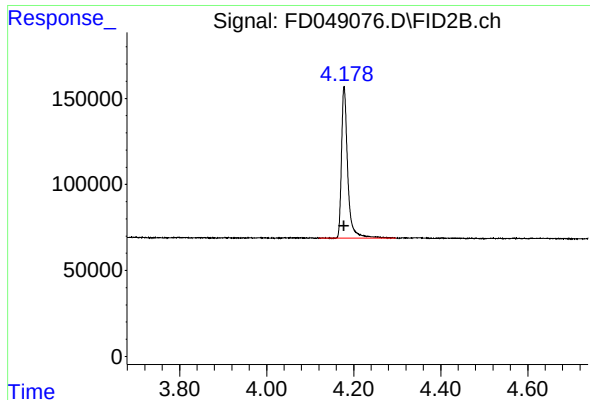
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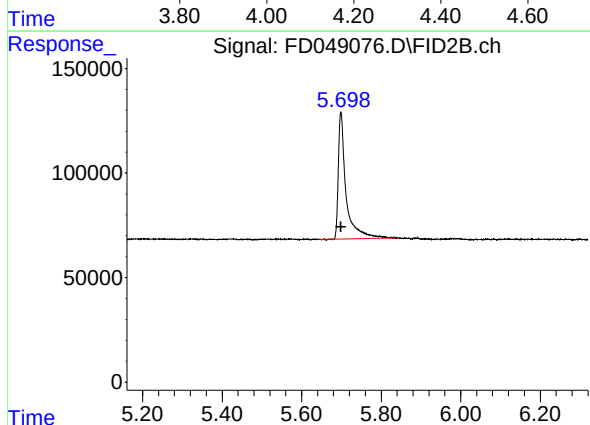




#1 1,2,3-Trimethylbenzene (C10.1)

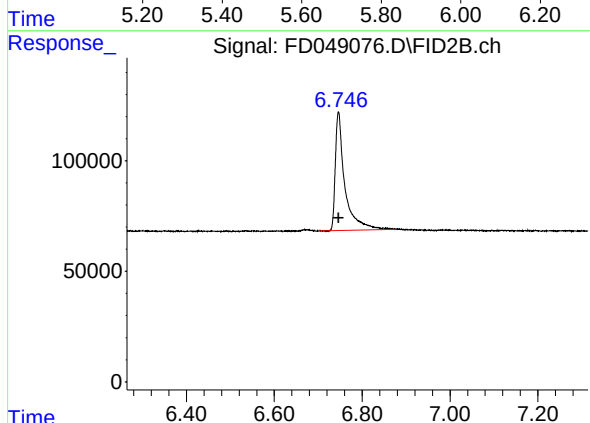
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 880662
Conc: 5.53 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



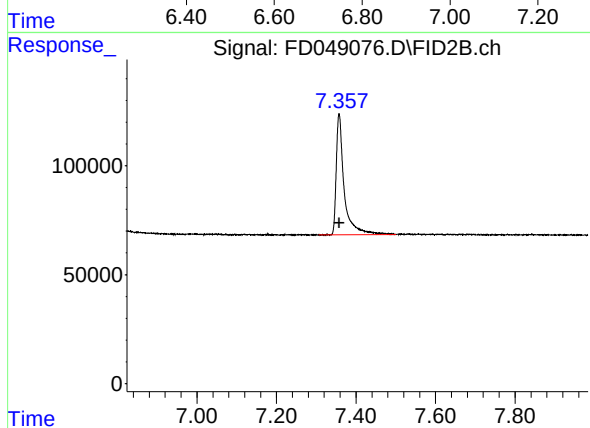
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 819370
Conc: 5.16 ug/ml



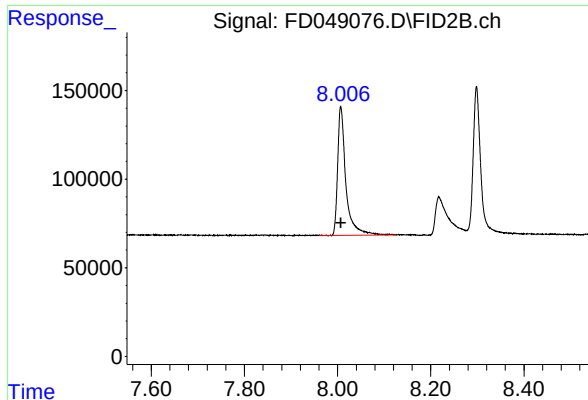
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 809055
Conc: 5.20 ug/ml



#4 2-Bromonaphthalene (SURR)

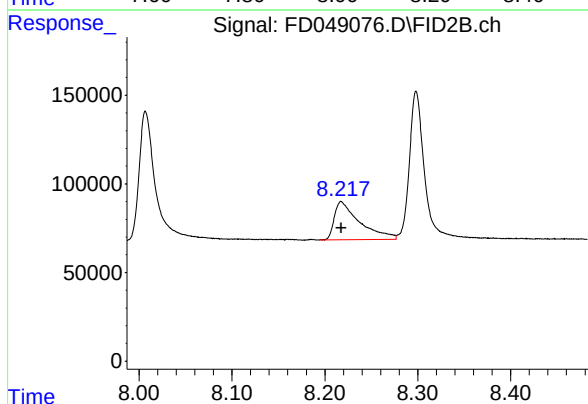
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 773691
Conc: 5.41 ug/ml



#5 Acenaphthylene (C15.06)

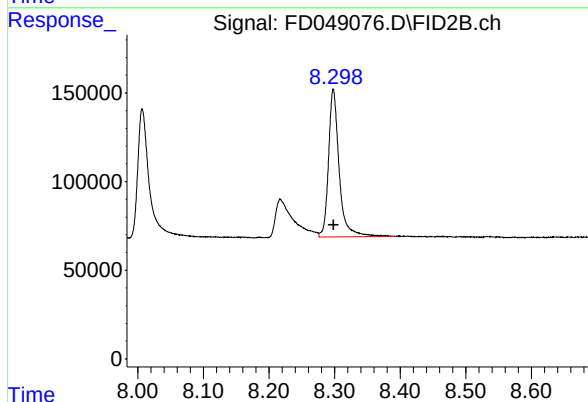
R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 889357
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



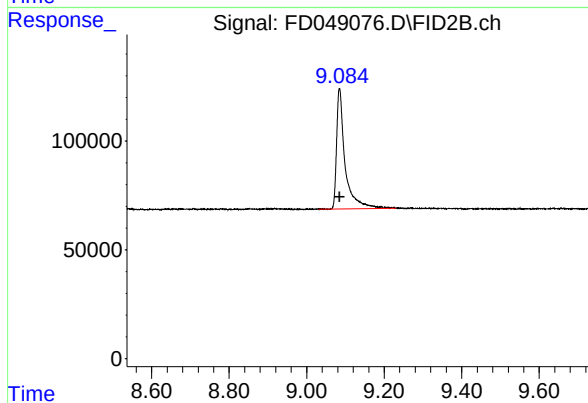
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 411369
Conc: 4.68 ug/ml



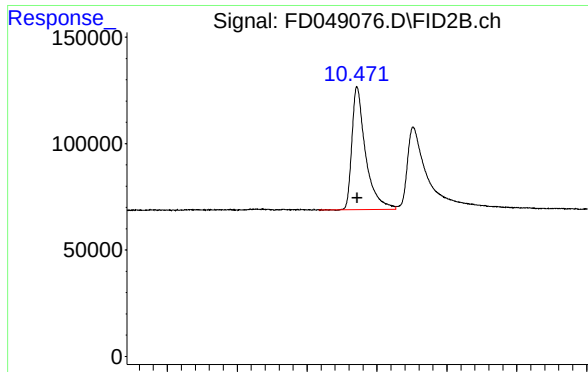
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 942609
Conc: 5.73 ug/ml



#8 Fluorene (C16.55)

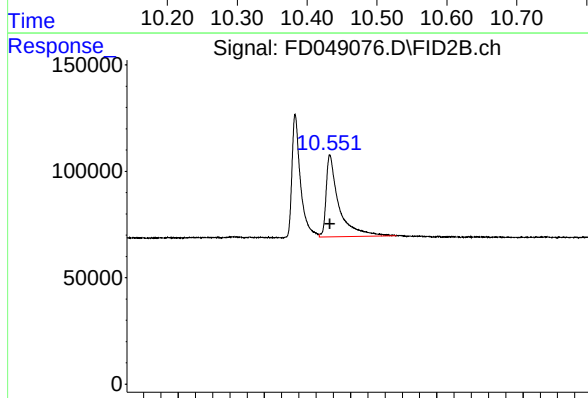
R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 839593
Conc: 5.33 ug/ml



#9 Phenanthrene (C19.36)

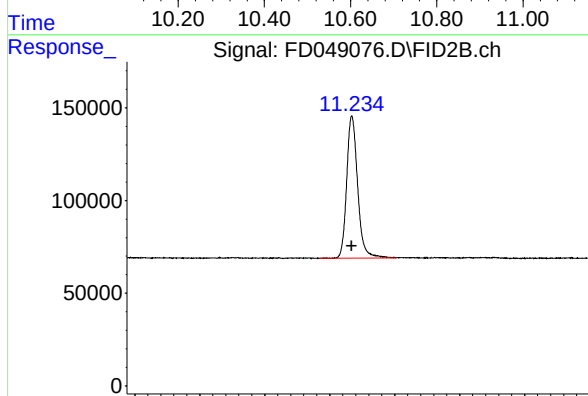
R.T.: 10.472 min
Delta R.T.: 0.000 min
Response: 783663
Conc: 5.20 ug/ml

Instrument :
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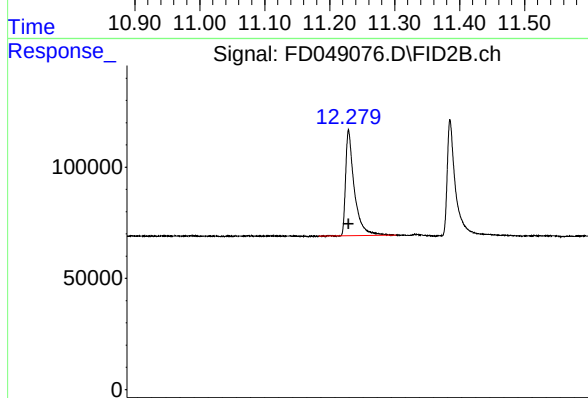
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 786469
Conc: 5.21 ug/ml



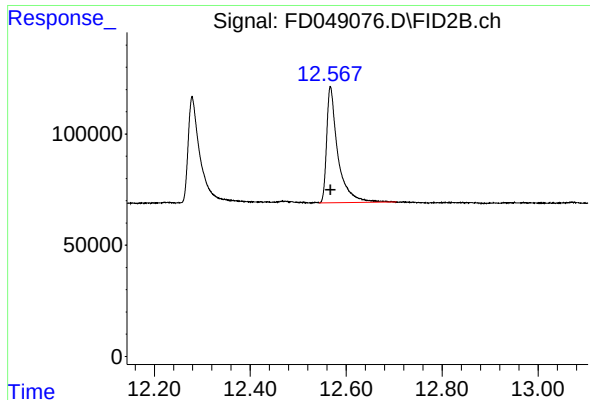
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 896262
Conc: 5.54 ug/ml



#12 Fluoranthene (C21.85)

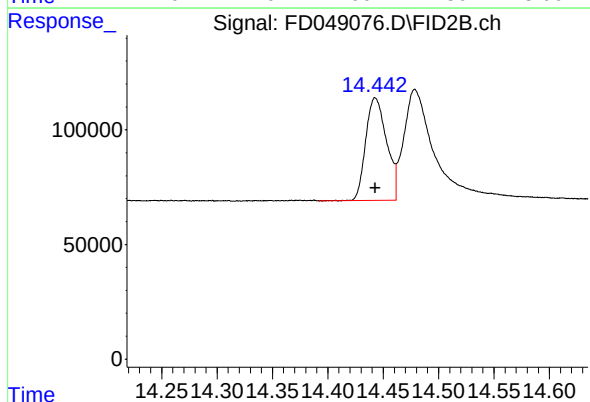
R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 819618
Conc: 5.31 ug/ml



#13 Pyrene (C20.8)

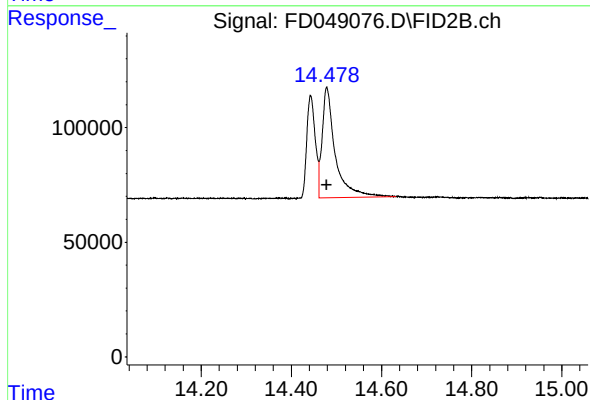
R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 846750
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



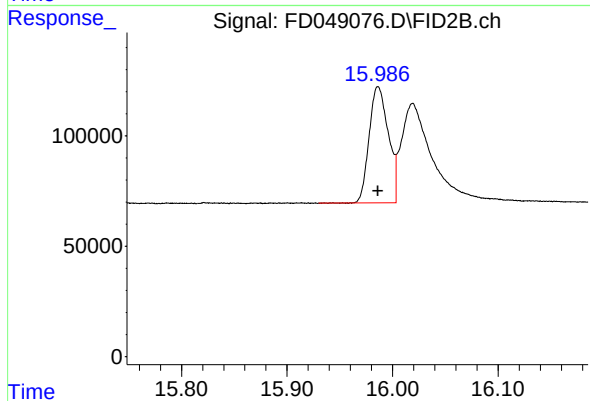
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.000 min
Response: 584303
Conc: 4.45 ug/ml



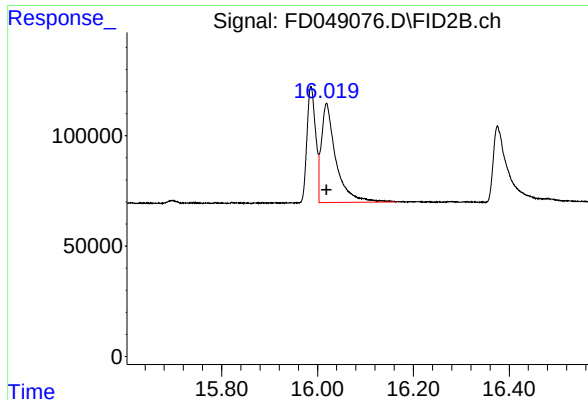
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: 0.000 min
Response: 971932
Conc: 6.01 ug/ml



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

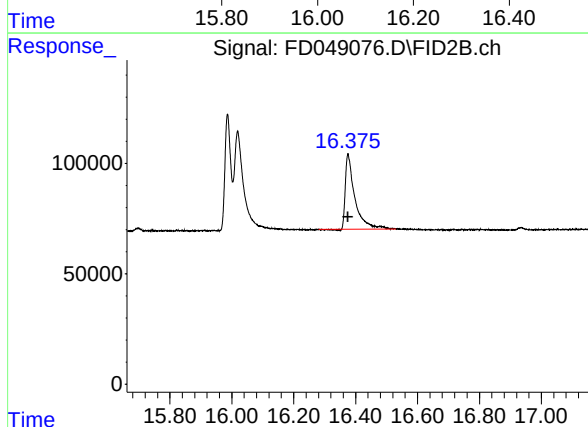
R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 664702
Conc: 4.83 ug/ml



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

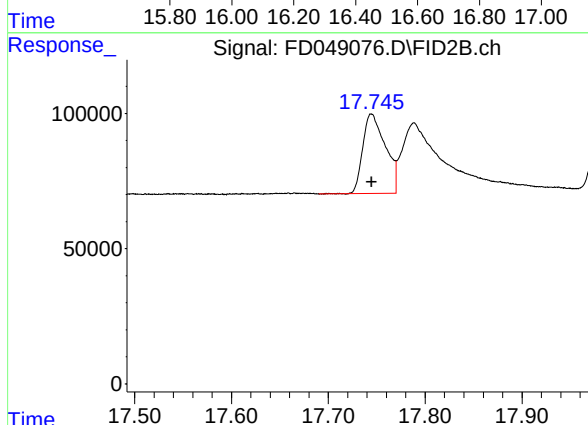
R.T.: 16.019 min
Delta R.T.: 0.000 min
Response: 942068
Conc: 5.96 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



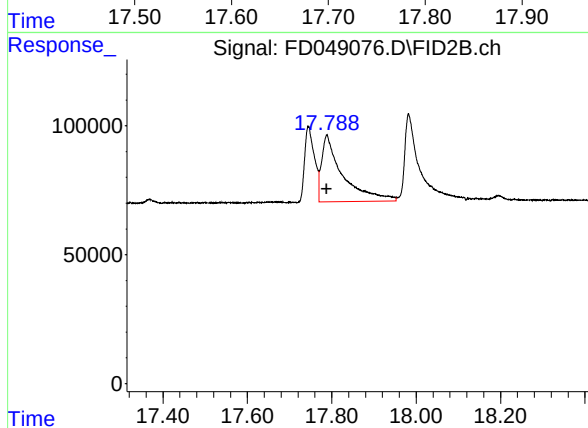
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 726171
Conc: 5.35 ug/ml



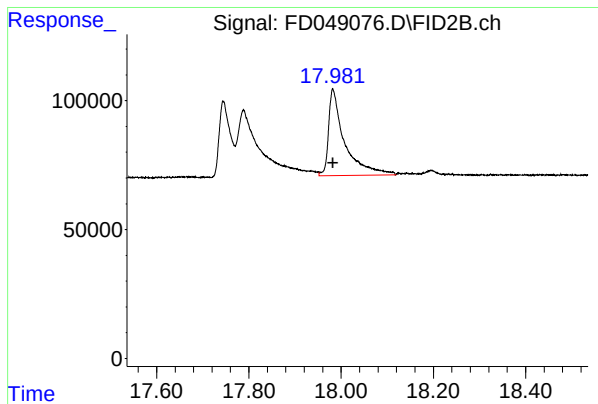
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.000 min
Response: 475672
Conc: 4.35 ug/ml



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

R.T.: 17.788 min
Delta R.T.: 0.000 min
Response: 897828
Conc: 5.79 ug/ml



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

R.T.: 17.982 min
Delta R.T.: 0.000 min
Response: 809816
Conc: 5.59 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5