

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
 Data File : FD038968.D
 Signal(s) : FID2B.CH
 Acq On : 30 Sep 2021 1:40
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 30 02:32:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:30:01 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...	7.765	684059	5.230 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
6) S 2-Fluorobiphenyl (SURR)	8.635	465175	5.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.45%
11) S ortho-Terphenyl (SURR)	11.677	724701	5.290 ug/ml
Spiked Amount 50.000		Recovery =	10.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	737674	5.260 ug/ml
2) T Naphthalene (C11.7)	6.102	776046	5.248 ug/ml
3) T 2-Methylnaphthalene (...)	7.156	783223	5.251 ug/ml
5) T Acenaphthylene (C15.06)	8.437	721143	5.259 ug/ml
7) T Acenaphthene (C15.5)	8.732	756814	5.238 ug/ml
8) T Fluorene (C16.55)	9.514	738181	5.190 ug/ml
9) T Phenanthrene (C19.36)	10.915	718221	5.181 ug/ml
10) T Anthracene (C19.43)	10.989	707959	5.171 ug/ml
12) T Fluoranthene (C21.85)	12.730	717913	5.237 ug/ml
13) T Pyrene (C20.8)	13.028	702875	5.269 ug/ml
14) T Benzo[a]anthracene (C...	14.898	629997	5.209 ug/ml
15) T Chrysene (C27.41)	14.940	660683	5.236 ug/ml
16) T benzo[b]fluoranthene ...	16.449	616860	5.261 ug/ml
17) T Bnezo[k]fluoranthene ...	16.480	609881	5.232 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.829	597072	5.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.192	558664	5.240 ug/ml
20) T Dibenz[a,h]anthracene...	18.230	568815	5.371 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	566554	5.285 ug/ml

(f)=RT Delta > 1/2 Window

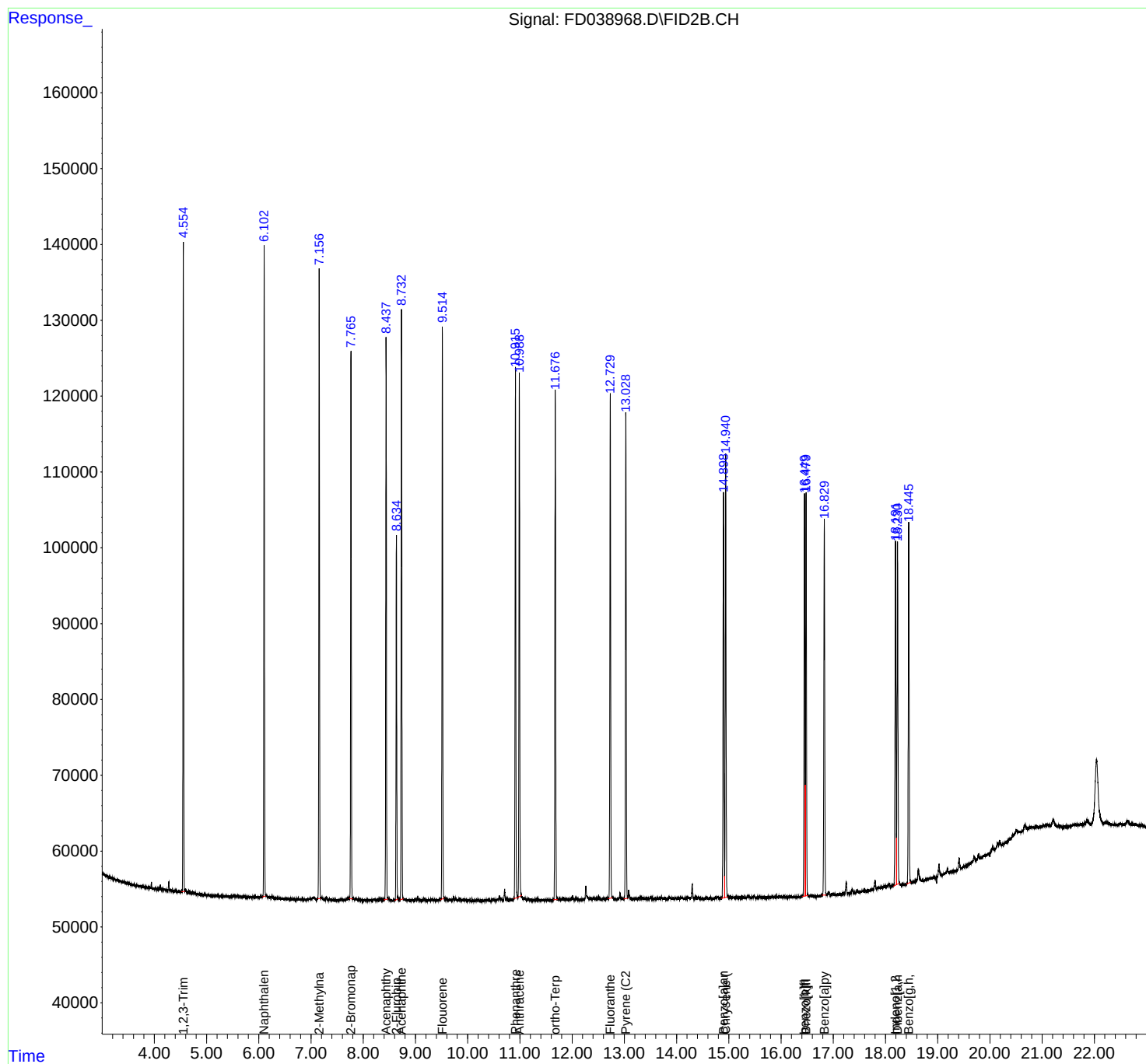
(m)=manual int.

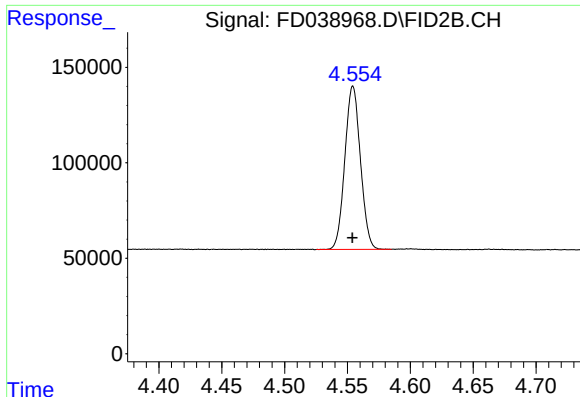
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
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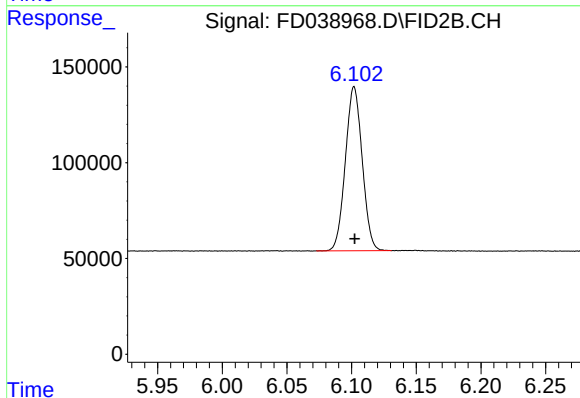




#1 1,2,3-Trimethylbenzene (C10.1)

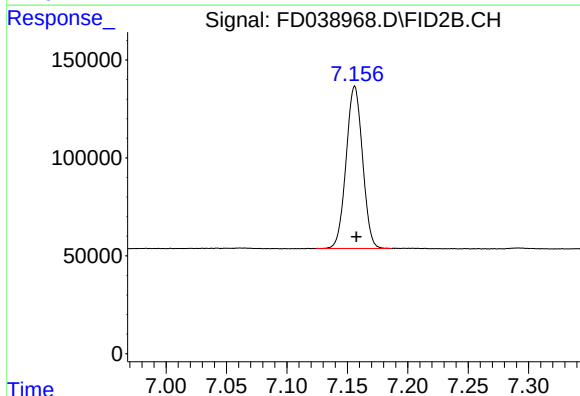
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 737674
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



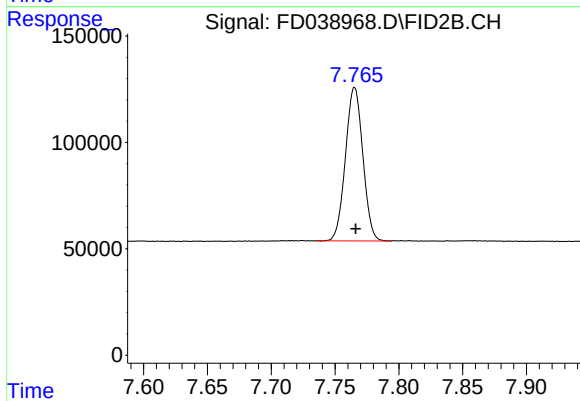
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 776046
Conc: 5.25 ug/ml



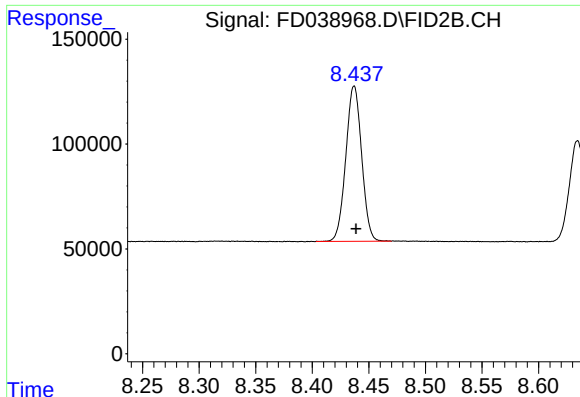
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: -0.001 min
Response: 783223
Conc: 5.25 ug/ml



#4 2-Bromonaphthalene (SURR)

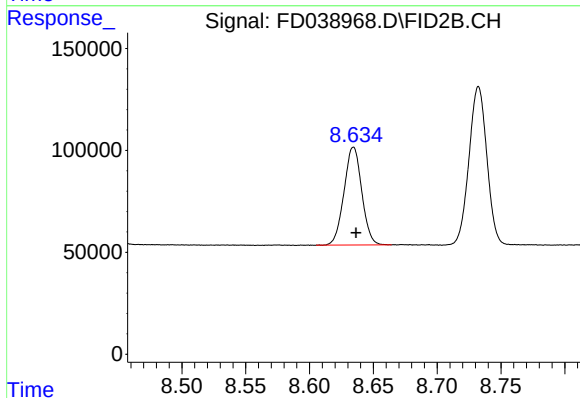
R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 684059
Conc: 5.23 ug/ml



#5 Acenaphthylene (C15.06)

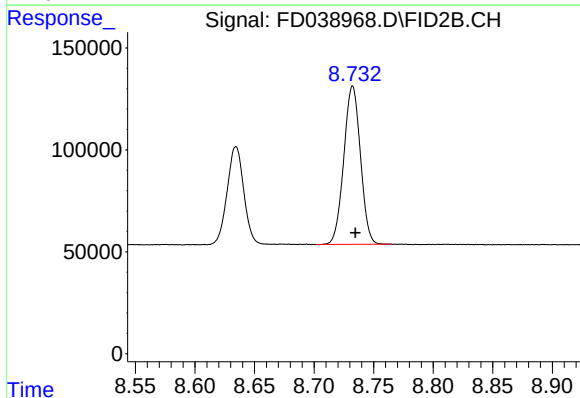
R.T.: 8.437 min
Delta R.T.: -0.002 min
Response: 721143
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



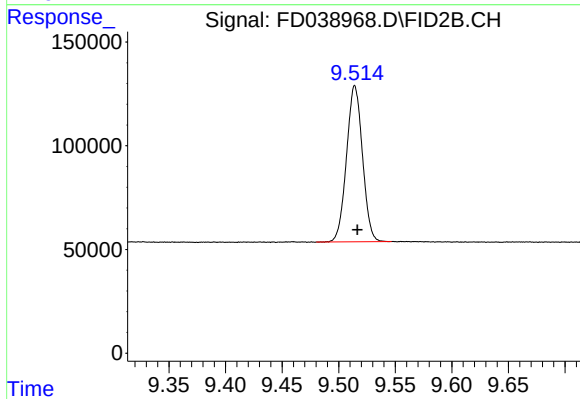
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 465175
Conc: 5.22 ug/ml



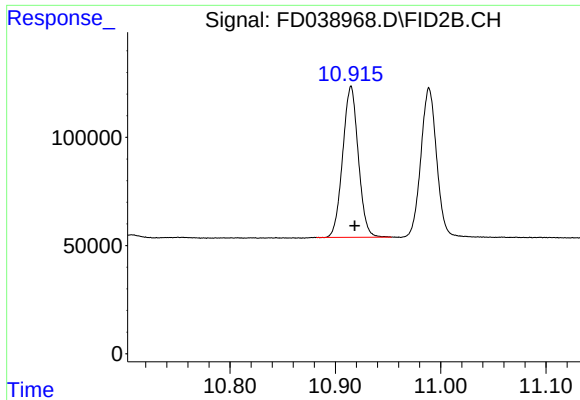
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: -0.002 min
Response: 756814
Conc: 5.24 ug/ml



#8 Flouorene (C16.55)

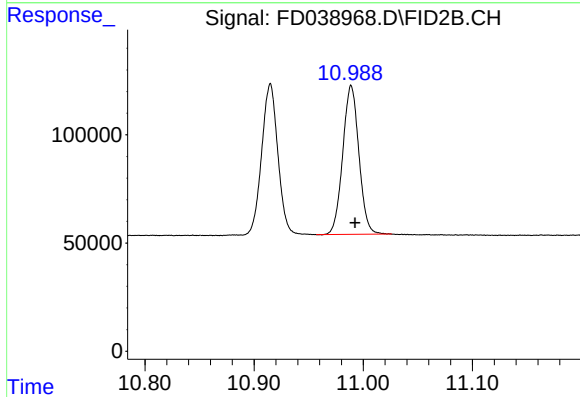
R.T.: 9.514 min
Delta R.T.: -0.002 min
Response: 738181
Conc: 5.19 ug/ml



#9 Phenanthrene (C19.36)

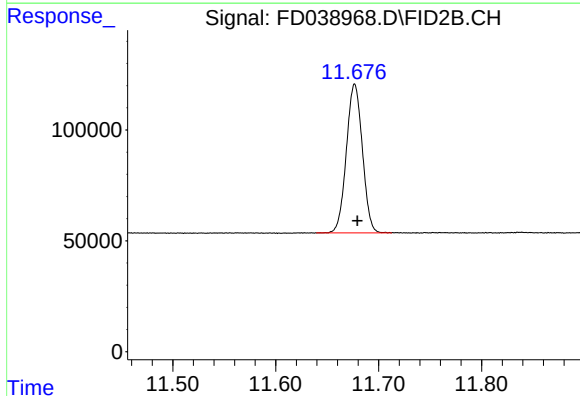
R.T.: 10.915 min
Delta R.T.: -0.003 min
Response: 718221
Conc: 5.18 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



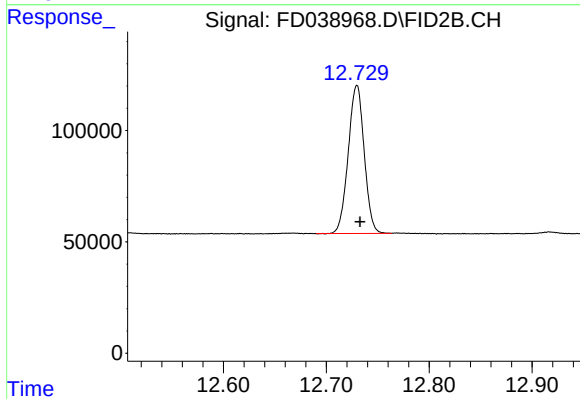
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: -0.004 min
Response: 707959
Conc: 5.17 ug/ml



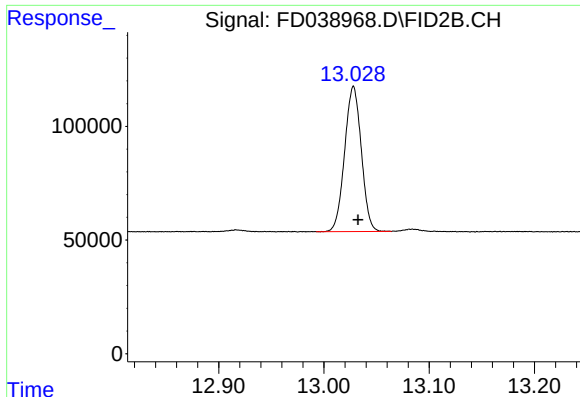
#11 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.003 min
Response: 724701
Conc: 5.29 ug/ml



#12 Fluoranthene (C21.85)

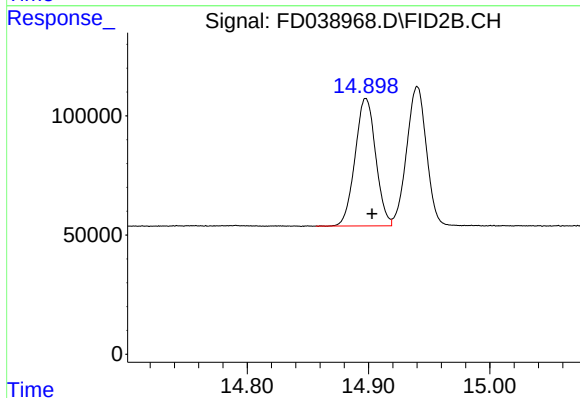
R.T.: 12.730 min
Delta R.T.: -0.003 min
Response: 717913
Conc: 5.24 ug/ml



#13 Pyrene (C20.8)

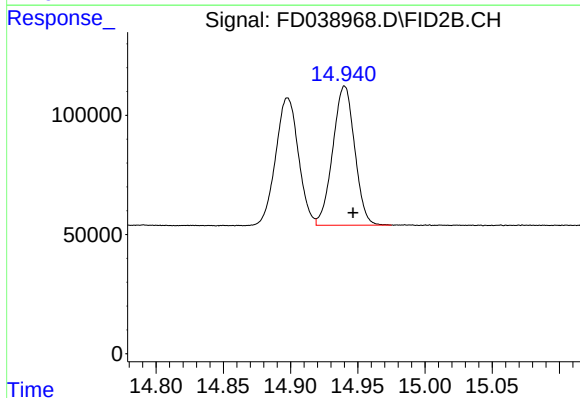
R.T.: 13.028 min
Delta R.T.: -0.004 min
Response: 702875
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



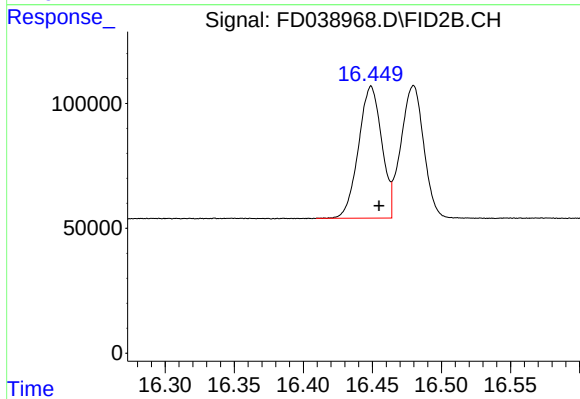
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.898 min
Delta R.T.: -0.005 min
Response: 629997
Conc: 5.21 ug/ml



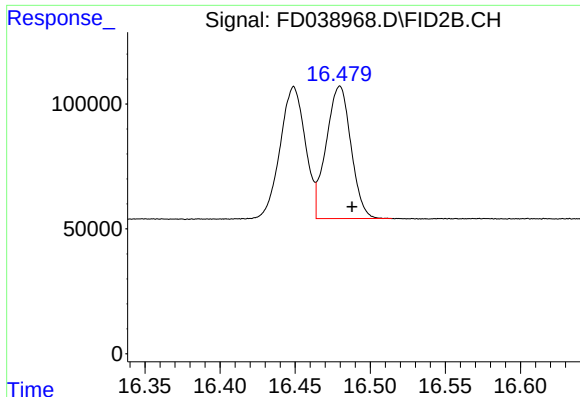
#15 Chrysene (C27.41)

R.T.: 14.940 min
Delta R.T.: -0.006 min
Response: 660683
Conc: 5.24 ug/ml



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

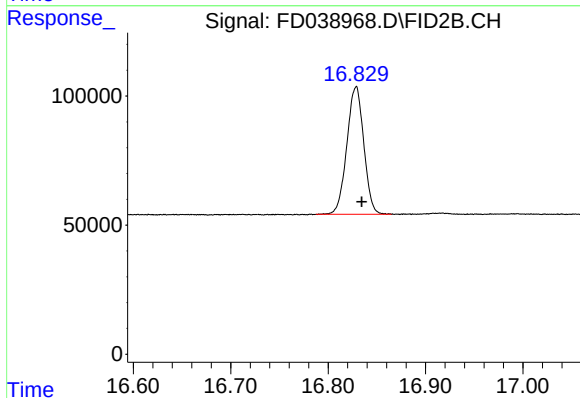
R.T.: 16.449 min
Delta R.T.: -0.006 min
Response: 616860
Conc: 5.26 ug/ml



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

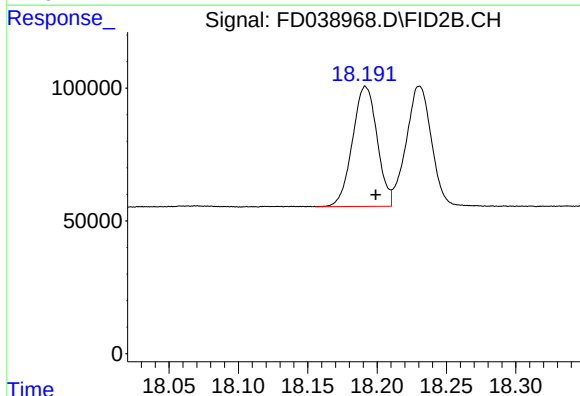
R.T.: 16.480 min
Delta R.T.: -0.008 min
Response: 609881
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



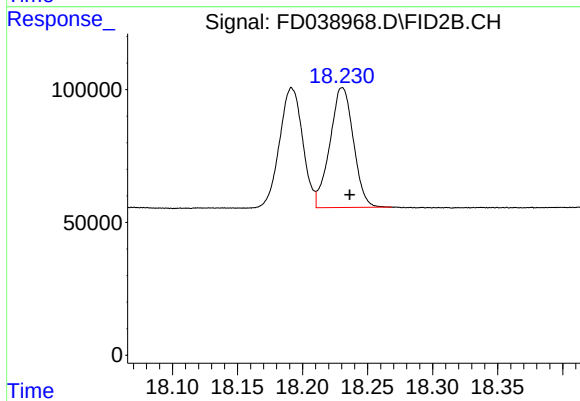
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.829 min
Delta R.T.: -0.006 min
Response: 597072
Conc: 5.27 ug/ml



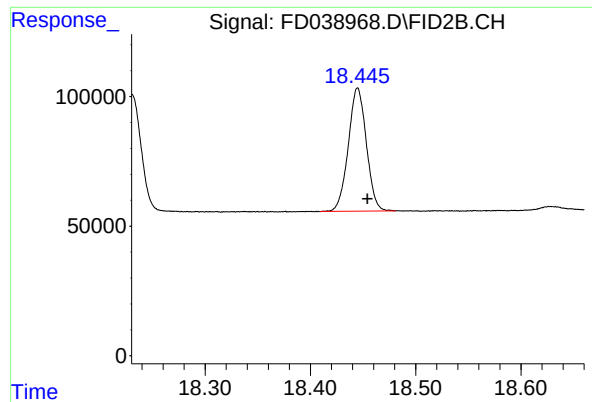
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.192 min
Delta R.T.: -0.007 min
Response: 558664
Conc: 5.24 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.006 min
Response: 568815
Conc: 5.37 ug/ml



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

R.T.: 18.445 min
Delta R.T.: -0.009 min
Response: 566554
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5