

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020419AR\
 Data File : FD027557.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2019 21:36
 Operator : AJ\SJ
 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: Feb 05 00:57:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 00:56:12 2019
 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...	7.345	377965	4.956 ug/ml
Spiked Amount 50.000		Recovery =	9.91%
6) S 2-Fluorobiphenyl (SURR)	8.194	255173	4.847 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.69%
11) S ortho-Terphenyl (SURR)	11.231	484156	5.338 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	420589	5.263 ug/ml
2) T Naphthalene (C11.7)	5.682	441296	5.098 ug/ml
3) T 2-Methylnaphthalene (...)	6.732	431611	5.003 ug/ml
5) T Acenaphthylene (C15.06)	7.997	436805	5.082 ug/ml
7) T Acenaphthene (C15.5)	8.292	462563	5.131 ug/ml
8) T Flouorene (C16.55)	9.070	451856	5.020 ug/ml
9) T Phenanthrene (C19.36)	10.456	463314	5.120 ug/ml
10) T Anthracene (C19.43)	10.529	450874	5.059 ug/ml
12) T Fluoranthene (C21.85)	12.257	485645	5.337 ug/ml
13) T Pyrene (C20.8)	12.550	472589	5.195 ug/ml
14) T Benzo[a]anthracene (C...	14.416	476481	5.287 ug/ml
15) T Chrysene (C27.41)	14.458	492264	5.412 ug/ml
16) T benzo[b]fluoranthene ...	15.958	520865	5.380 ug/ml
17) T Bnezo[k]fluoranthene ...	15.990	544879	5.592 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.335	516887	5.307 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.694	521156	5.286 ug/ml
20) T Dibenz[a,h]anthracene...	17.735	521917	5.225 ug/ml
21) T Benzo[g,h,i]perylene ...	17.944	553147	5.561 ug/ml

(f)=RT Delta > 1/2 Window

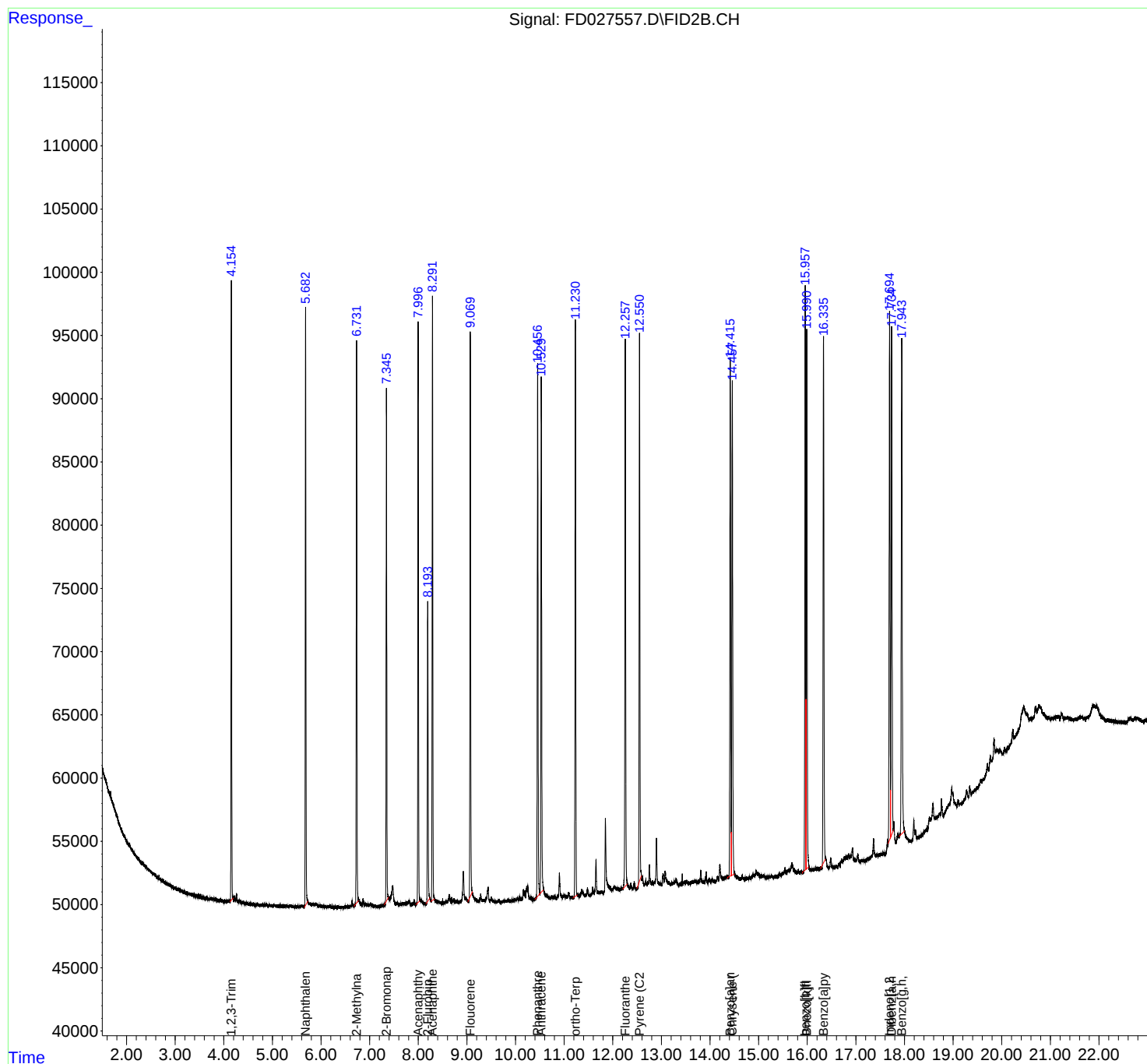
(m)=manual int.

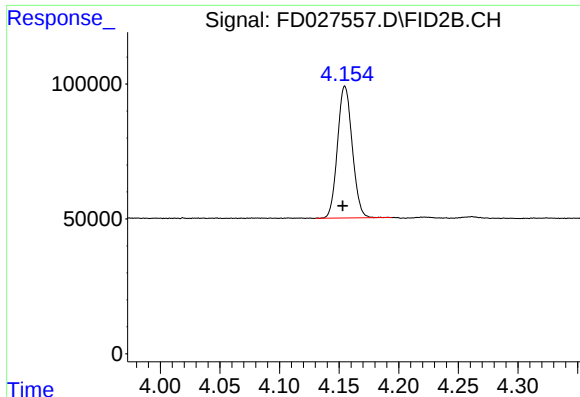
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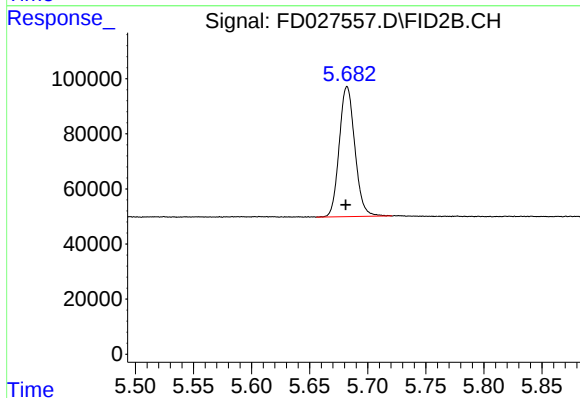




#1 1,2,3-Trimethylbenzene (C10.1)

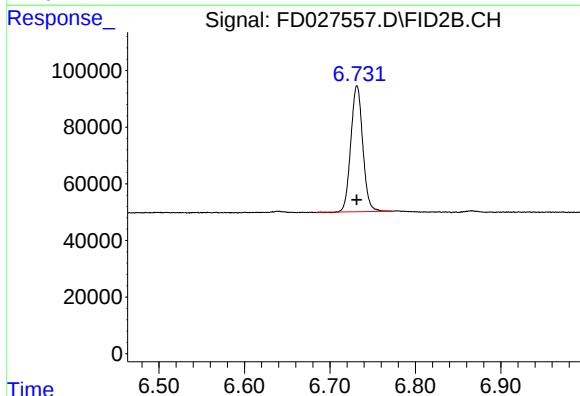
R.T.: 4.155 min
Delta R.T.: 0.002 min
Response: 420589
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



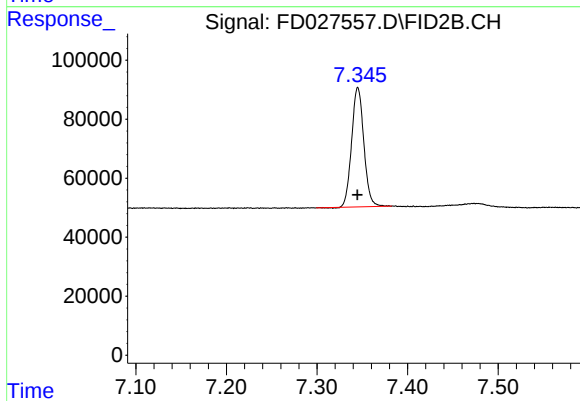
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 441296
Conc: 5.10 ug/ml



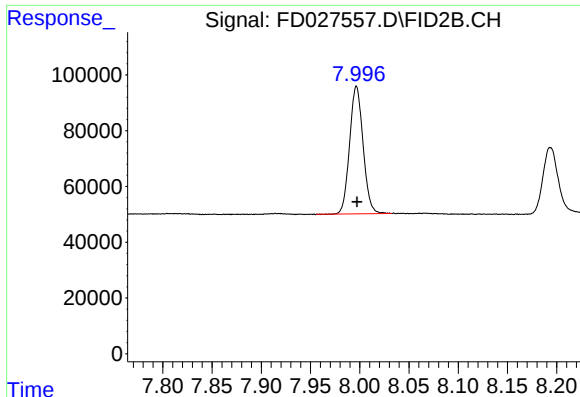
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 431611
Conc: 5.00 ug/ml



#4 2-Bromonaphthalene (SURR)

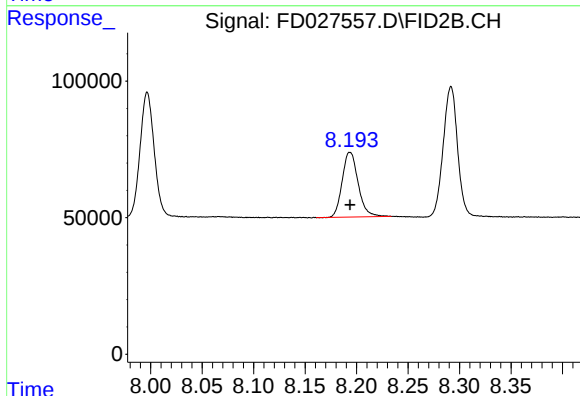
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 377965
Conc: 4.96 ug/ml



#5 Acenaphthylene (C15.06)

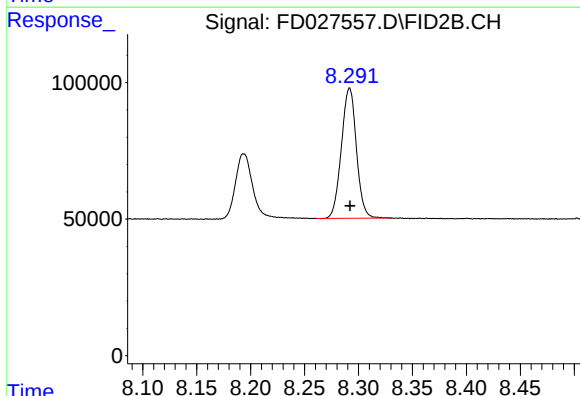
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 436805
Conc: 5.08 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



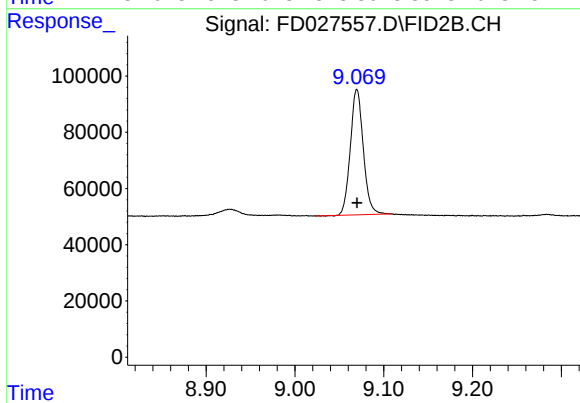
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 255173
Conc: 4.85 ug/ml



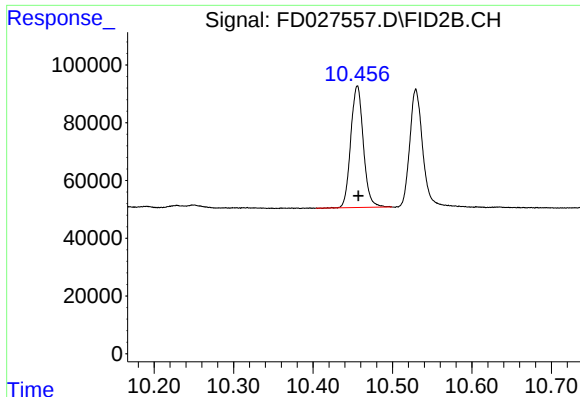
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 462563
Conc: 5.13 ug/ml



#8 Fluorene (C16.55)

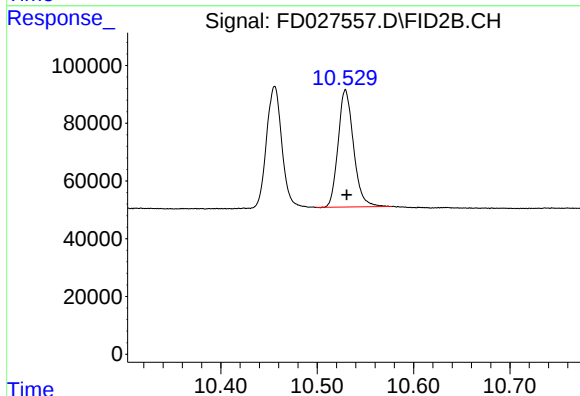
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 451856
Conc: 5.02 ug/ml



#9 Phenanthrene (C19.36)

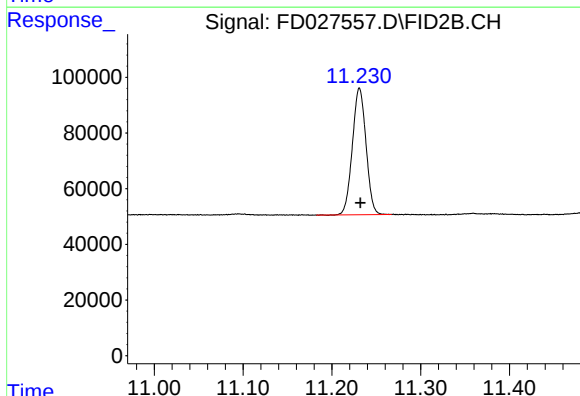
R.T.: 10.456 min
Delta R.T.: -0.001 min
Response: 463314
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



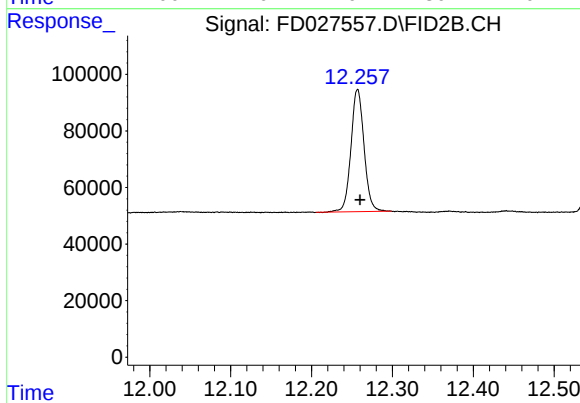
#10 Anthracene (C19.43)

R.T.: 10.529 min
Delta R.T.: -0.001 min
Response: 450874
Conc: 5.06 ug/ml



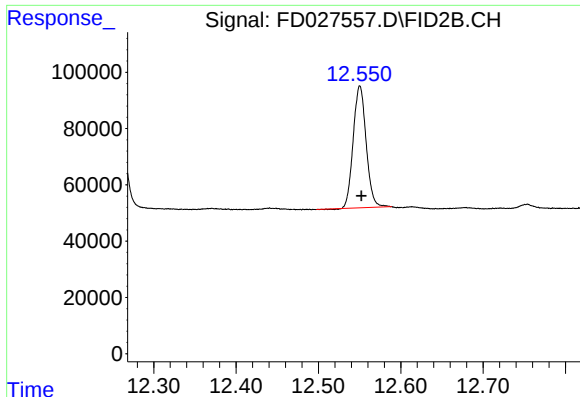
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.001 min
Response: 484156
Conc: 5.34 ug/ml



#12 Fluoranthene (C21.85)

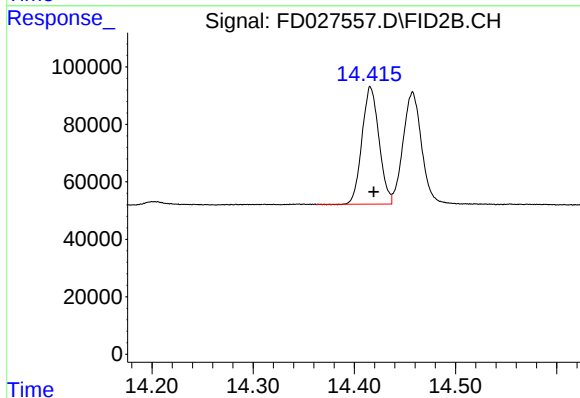
R.T.: 12.257 min
Delta R.T.: -0.003 min
Response: 485645
Conc: 5.34 ug/ml



#13 Pyrene (C20.8)

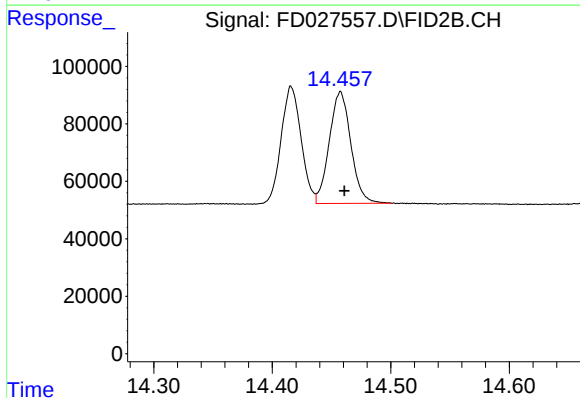
R.T.: 12.550 min
Delta R.T.: -0.002 min
Response: 472589
Conc: 5.20 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



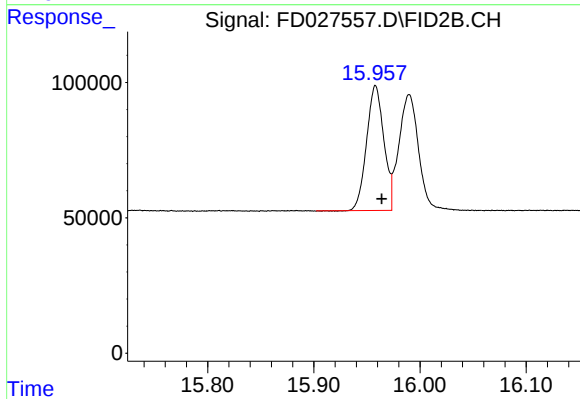
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.416 min
Delta R.T.: -0.003 min
Response: 476481
Conc: 5.29 ug/ml



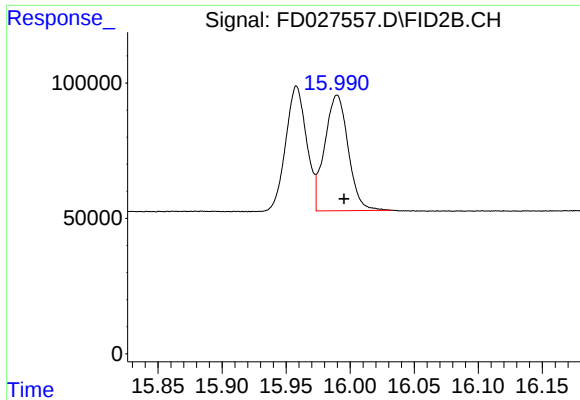
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: -0.003 min
Response: 492264
Conc: 5.41 ug/ml



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

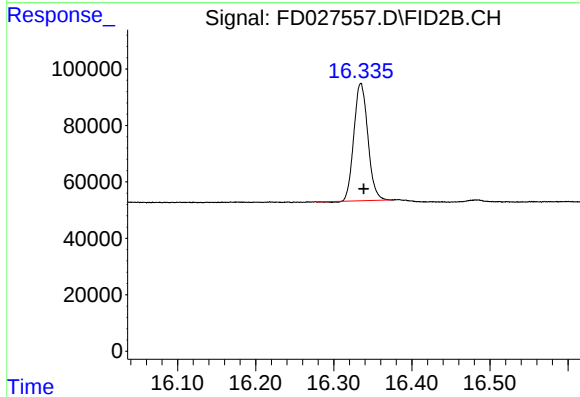
R.T.: 15.958 min
Delta R.T.: -0.006 min
Response: 520865
Conc: 5.38 ug/ml



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

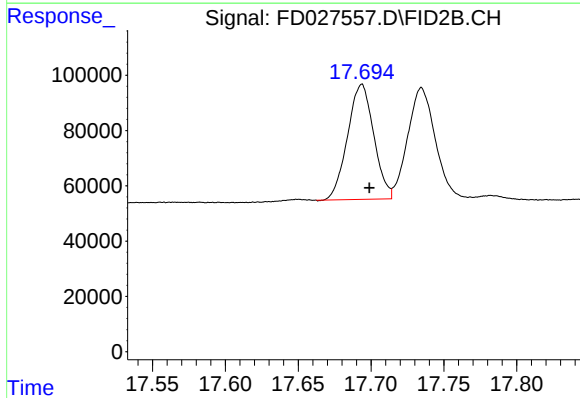
R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 544879
Conc: 5.59 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



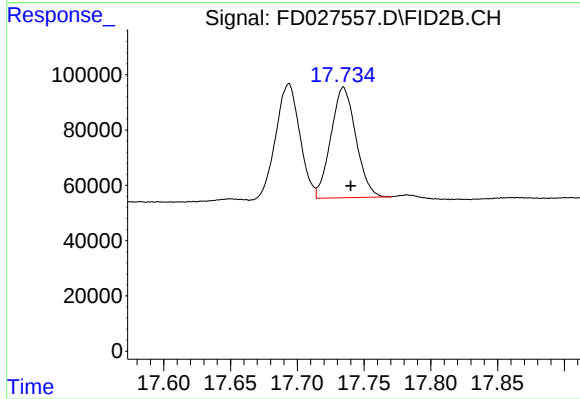
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.335 min
Delta R.T.: -0.004 min
Response: 516887
Conc: 5.31 ug/ml



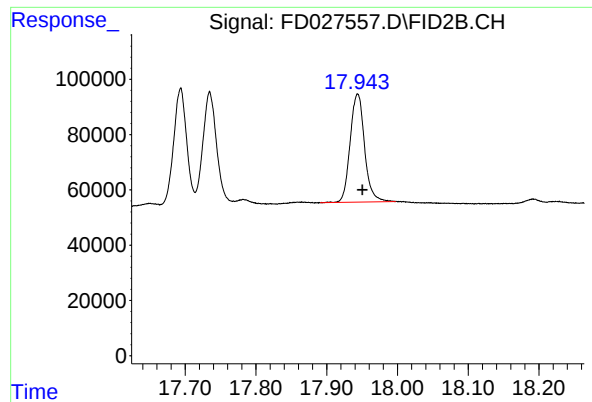
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.694 min
Delta R.T.: -0.005 min
Response: 521156
Conc: 5.29 ug/ml



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

R.T.: 17.735 min
Delta R.T.: -0.005 min
Response: 521917
Conc: 5.23 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.007 min
Response: 553147
Conc: 5.56 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5