

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028492.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 3:20
 Operator : AJ\SJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 26 06:39:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:38:01 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...	7.120	479136	5.215 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
6) S 2-Fluorobiphenyl (SURR)	7.987	331666	5.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.48%
11) S ortho-Terphenyl (SURR)	11.027	580799	5.371 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.941	497221	5.318 ug/ml
2) T Naphthalene (C11.7)	5.465	535317	5.221 ug/ml
3) T 2-Methylnaphthalene (...)	6.513	537873	5.204 ug/ml
5) T Acenaphthylene (C15.06)	7.791	525402	5.223 ug/ml
7) T Acenaphthene (C15.5)	8.086	551376	5.232 ug/ml
8) T Fluorene (C16.55)	8.866	557036	5.264 ug/ml
9) T Phenanthrene (C19.36)	10.265	562637	5.353 ug/ml
10) T Anthracene (C19.43)	10.339	561926	5.372 ug/ml
12) T Fluoranthene (C21.85)	12.076	574137	5.454 ug/ml
13) T Pyrene (C20.8)	12.375	574343	5.488 ug/ml
14) T Benzo[a]anthracene (C...	14.241	560721	5.528 ug/ml
15) T Chrysene (C27.41)	14.283	559408	5.519 ug/ml
16) T benzo[b]fluoranthene ...	15.789	574903	5.493 ug/ml
17) T Bnezo[k]fluoranthene ...	15.819	570052	5.488 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.168	576291	5.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.527	571707	5.386 ug/ml
20) T Dibenz[a,h]anthracene...	17.568	583910	5.547 ug/ml
21) T Benzo[g,h,i]perylene ...	17.782	569577	5.426 ug/ml

(f)=RT Delta > 1/2 Window

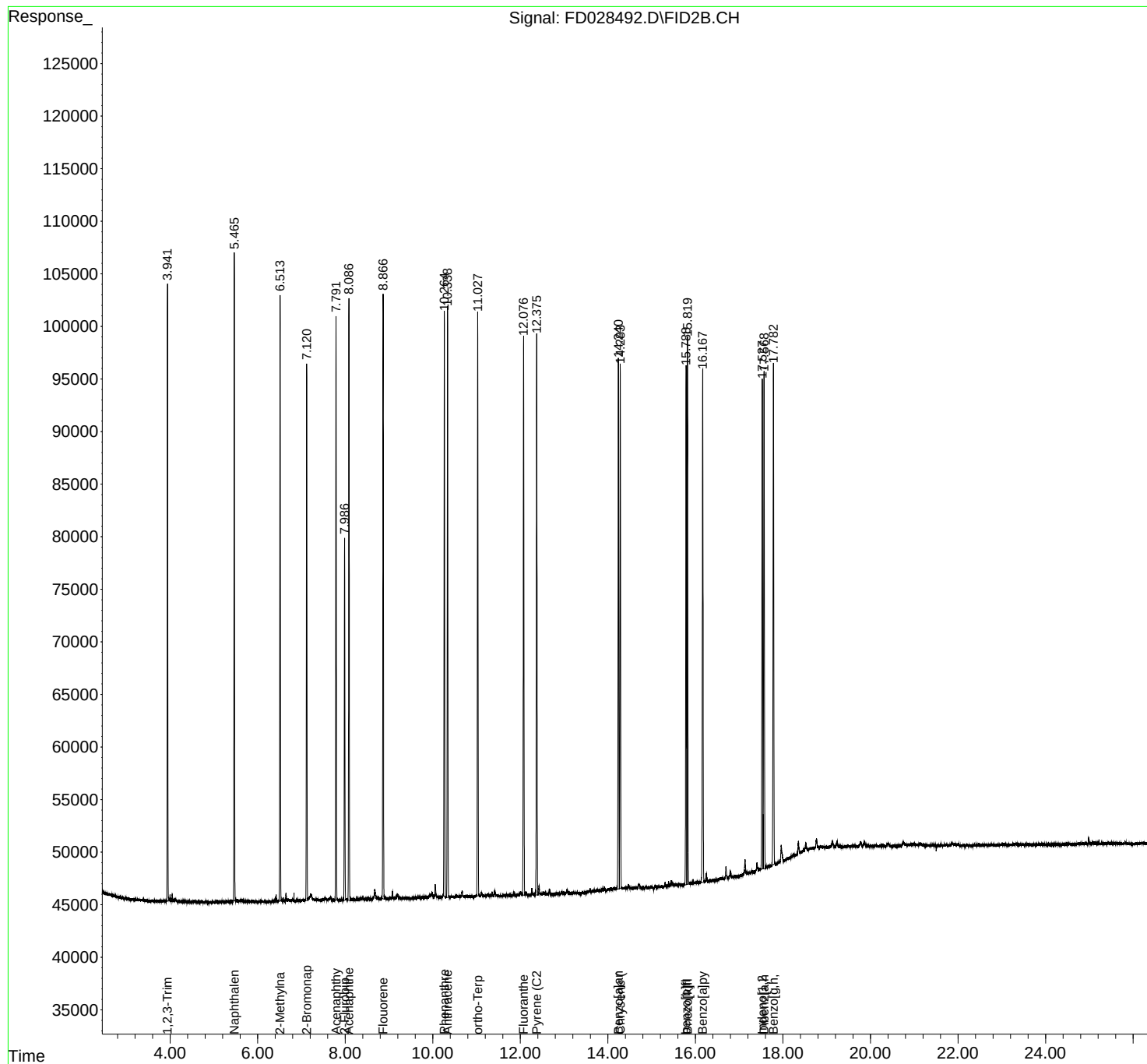
(m)=manual int.

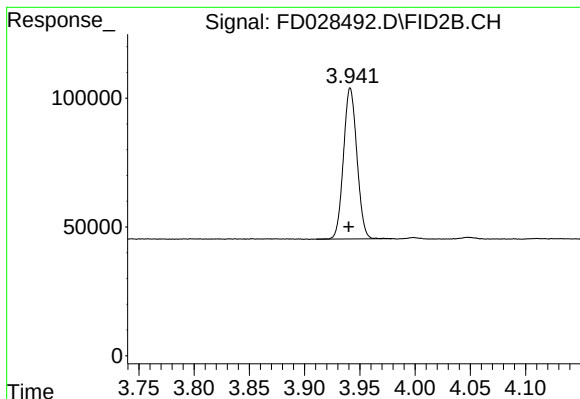
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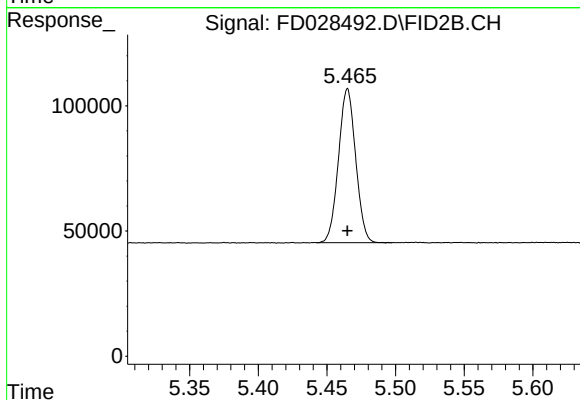




#1 1,2,3-Trimethylbenzene (C10.1)

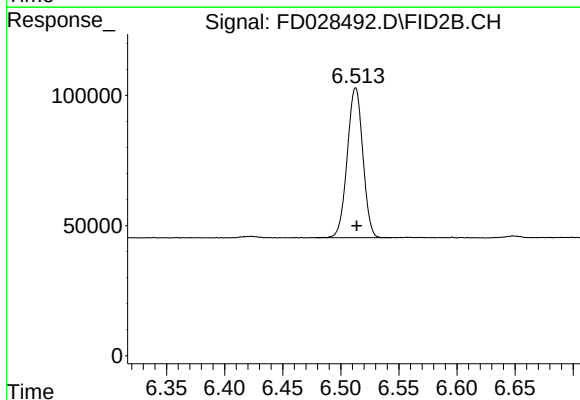
R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 497221
Conc: 5.32 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



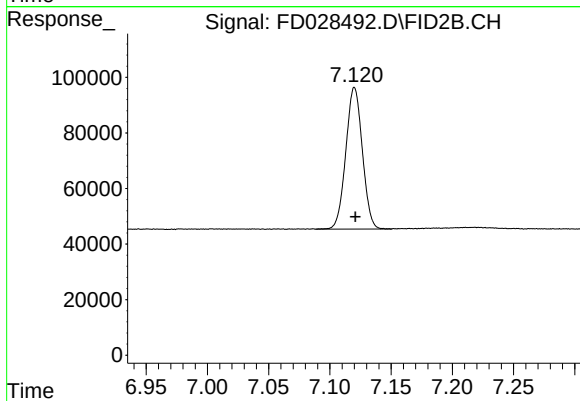
#2 Naphthalene (C11.7)

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 535317
Conc: 5.22 ug/ml



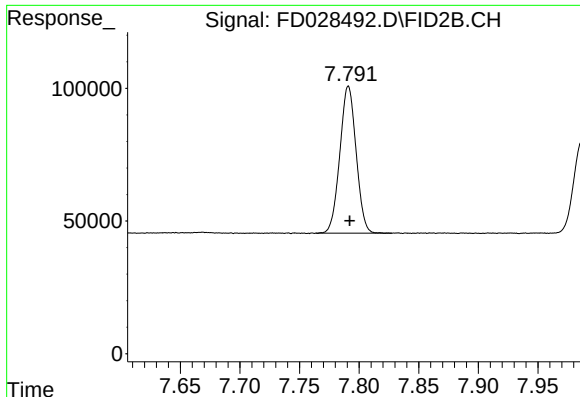
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 537873
Conc: 5.20 ug/ml



#4 2-Bromonaphthalene (SURR)

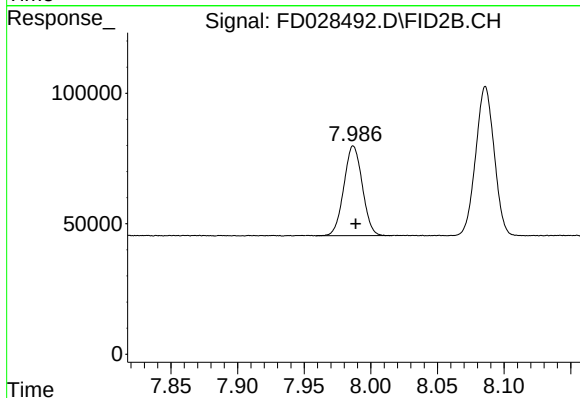
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 479136
Conc: 5.22 ug/ml



#5 Acenaphthylene (C15.06)

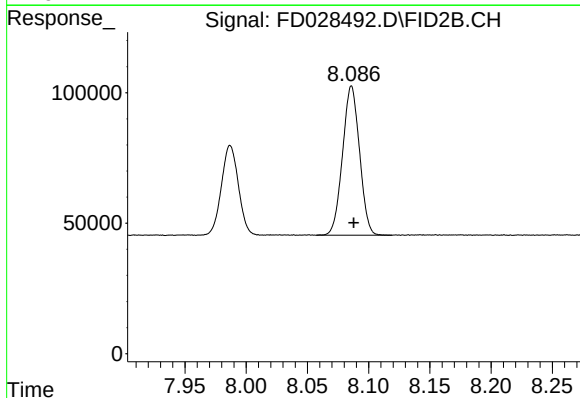
R.T.: 7.791 min
Delta R.T.: -0.001 min
Response: 525402
Conc: 5.22 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



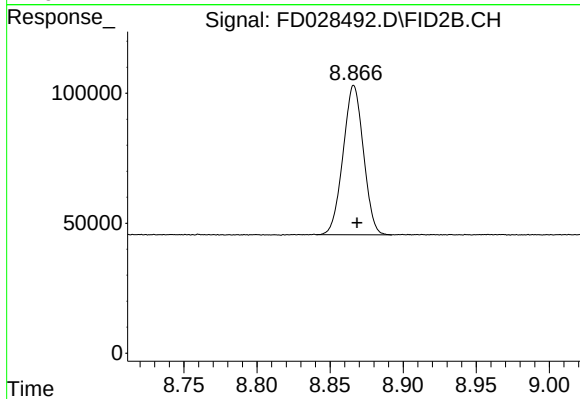
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.987 min
Delta R.T.: -0.002 min
Response: 331666
Conc: 5.24 ug/ml



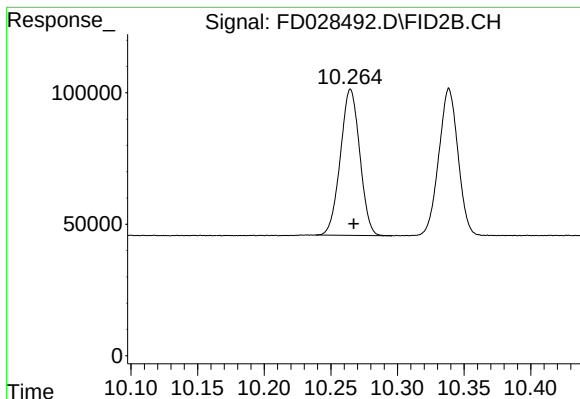
#7 Acenaphthene (C15.5)

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 551376
Conc: 5.23 ug/ml



#8 Flouorene (C16.55)

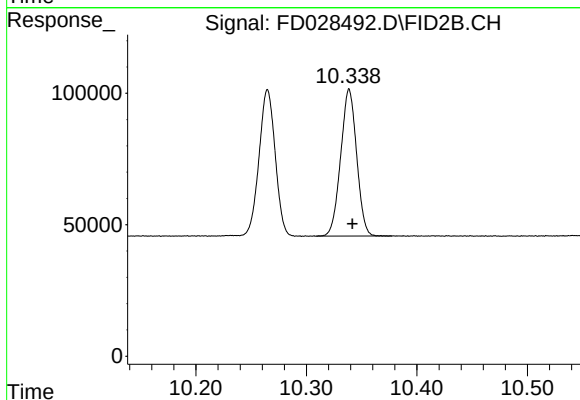
R.T.: 8.866 min
Delta R.T.: -0.002 min
Response: 557036
Conc: 5.26 ug/ml



#9 Phenanthrene (C19.36)

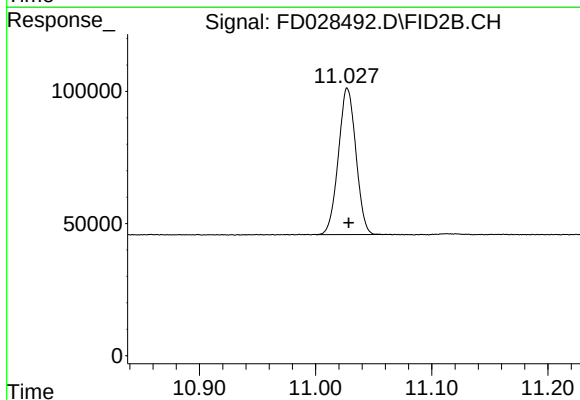
R.T.: 10.265 min
Delta R.T.: -0.002 min
Response: 562637
Conc: 5.35 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



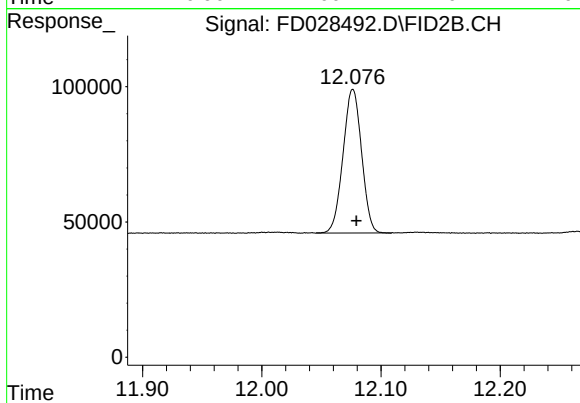
#10 Anthracene (C19.43)

R.T.: 10.339 min
Delta R.T.: -0.003 min
Response: 561926
Conc: 5.37 ug/ml



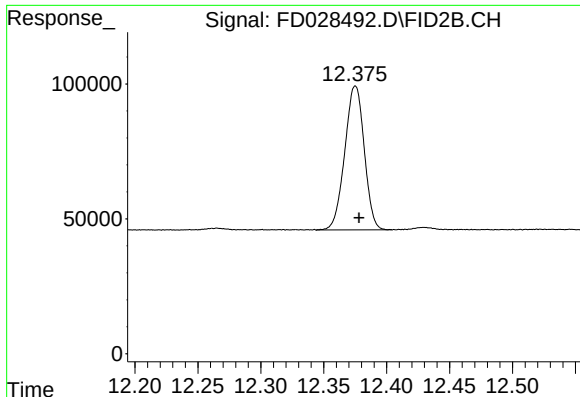
#11 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: -0.001 min
Response: 580799
Conc: 5.37 ug/ml



#12 Fluoranthene (C21.85)

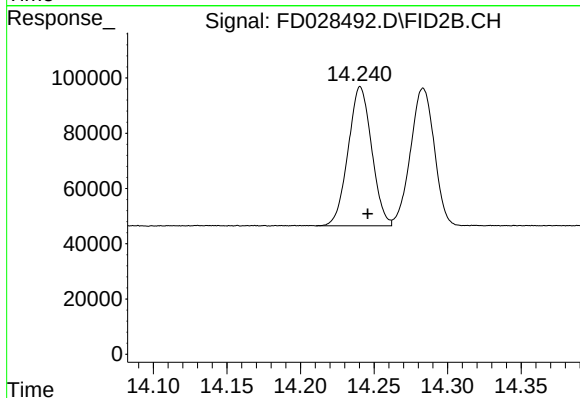
R.T.: 12.076 min
Delta R.T.: -0.003 min
Response: 574137
Conc: 5.45 ug/ml



#13 Pyrene (C20.8)

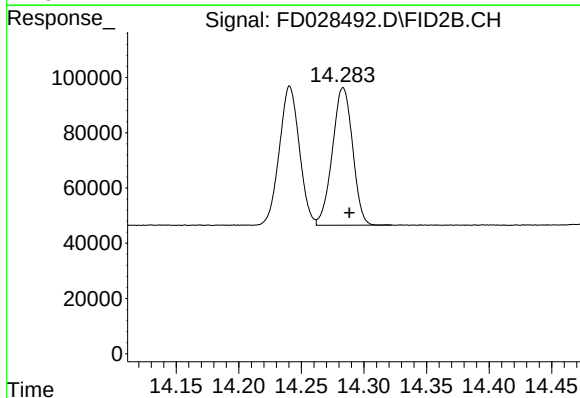
R.T.: 12.375 min
Delta R.T.: -0.003 min
Response: 574343
Conc: 5.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



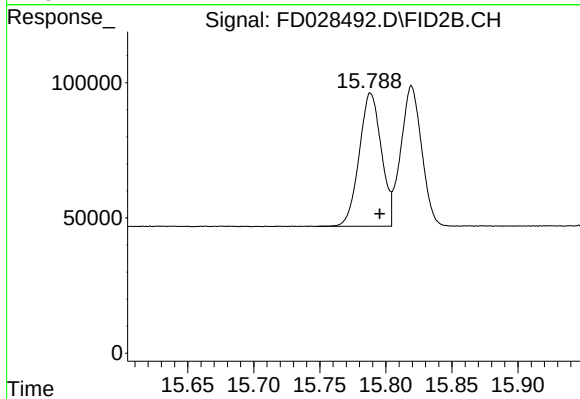
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.241 min
Delta R.T.: -0.005 min
Response: 560721
Conc: 5.53 ug/ml



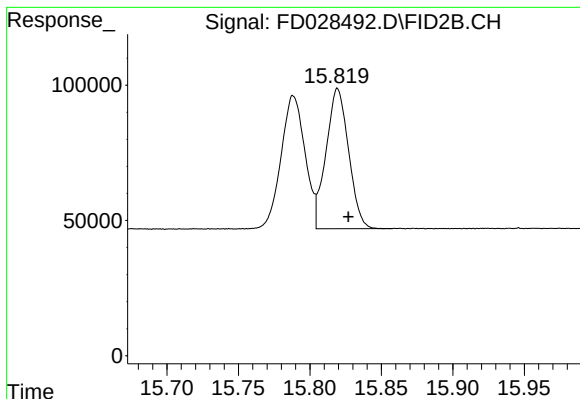
#15 Chrysene (C27.41)

R.T.: 14.283 min
Delta R.T.: -0.005 min
Response: 559408
Conc: 5.52 ug/ml



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

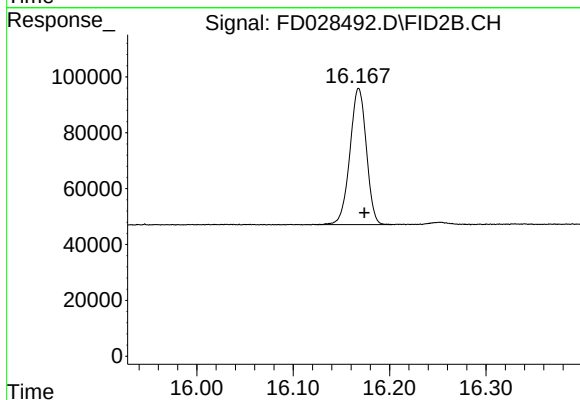
R.T.: 15.789 min
Delta R.T.: -0.007 min
Response: 574903
Conc: 5.49 ug/ml



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

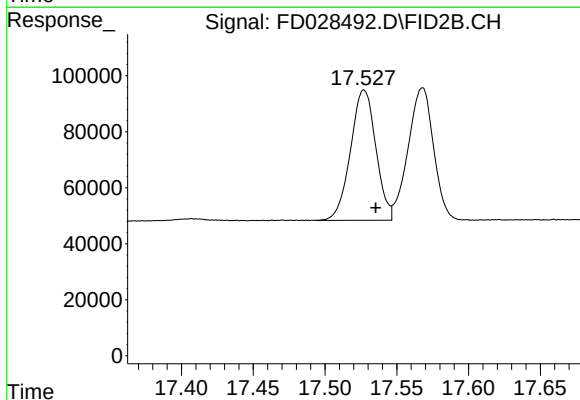
R.T.: 15.819 min
Delta R.T.: -0.008 min
Response: 570052
Conc: 5.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



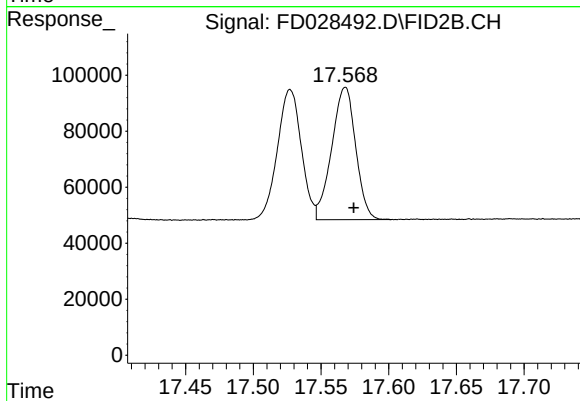
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.168 min
Delta R.T.: -0.006 min
Response: 576291
Conc: 5.52 ug/ml



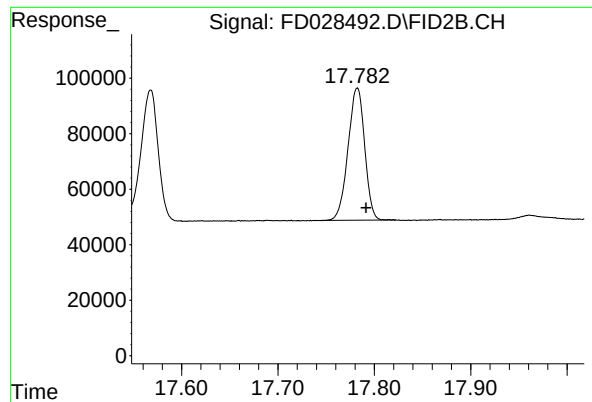
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.527 min
Delta R.T.: -0.008 min
Response: 571707
Conc: 5.39 ug/ml



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

R.T.: 17.568 min
Delta R.T.: -0.006 min
Response: 583910
Conc: 5.55 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.009 min
Response: 569577
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5