

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034600.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 1:52
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 01 02:17:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:11:55 2020
 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...	7.689	454720	4.289 ug/ml
Spiked Amount 50.000		Recovery =	8.58%
6) S 2-Fluorobiphenyl (SURR)	8.555	309577	4.128 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.26%
11) S ortho-Terphenyl (SURR)	11.594	563604	4.590 ug/ml
Spiked Amount 50.000		Recovery =	9.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	517304	4.384 ug/ml
2) T Naphthalene (C11.7)	6.027	517384	4.291 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	521347	4.267 ug/ml
5) T Acenaphthylene (C15.06)	8.356	538575	4.476 ug/ml
7) T Acenaphthene (C15.5)	8.651	545766	4.453 ug/ml
8) T Fluorene (C16.55)	9.434	514705	4.324 ug/ml
9) T Phenanthrene (C19.36)	10.831	526349	4.374 ug/ml
10) T Anthracene (C19.43)	10.905	510693	4.335 ug/ml
12) T Fluoranthene (C21.85)	12.642	535624	4.465 ug/ml
13) T Pyrene (C20.8)	12.940	526115	4.521 ug/ml
14) T Benzo[a]anthracene (C...	14.810	504579	4.438 ug/ml
15) T Chrysene (C27.41)	14.851	526973	4.622 ug/ml
16) T benzo[b]fluoranthene ...	16.358	495868	4.519 ug/ml
17) T Bnezo[k]fluoranthene ...	16.389	511084	4.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	489835	4.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	455284	4.454 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	490144	4.726 ug/ml
21) T Benzo[g,h,i]perylene ...	18.352	470286	4.587 ug/ml

(f)=RT Delta > 1/2 Window

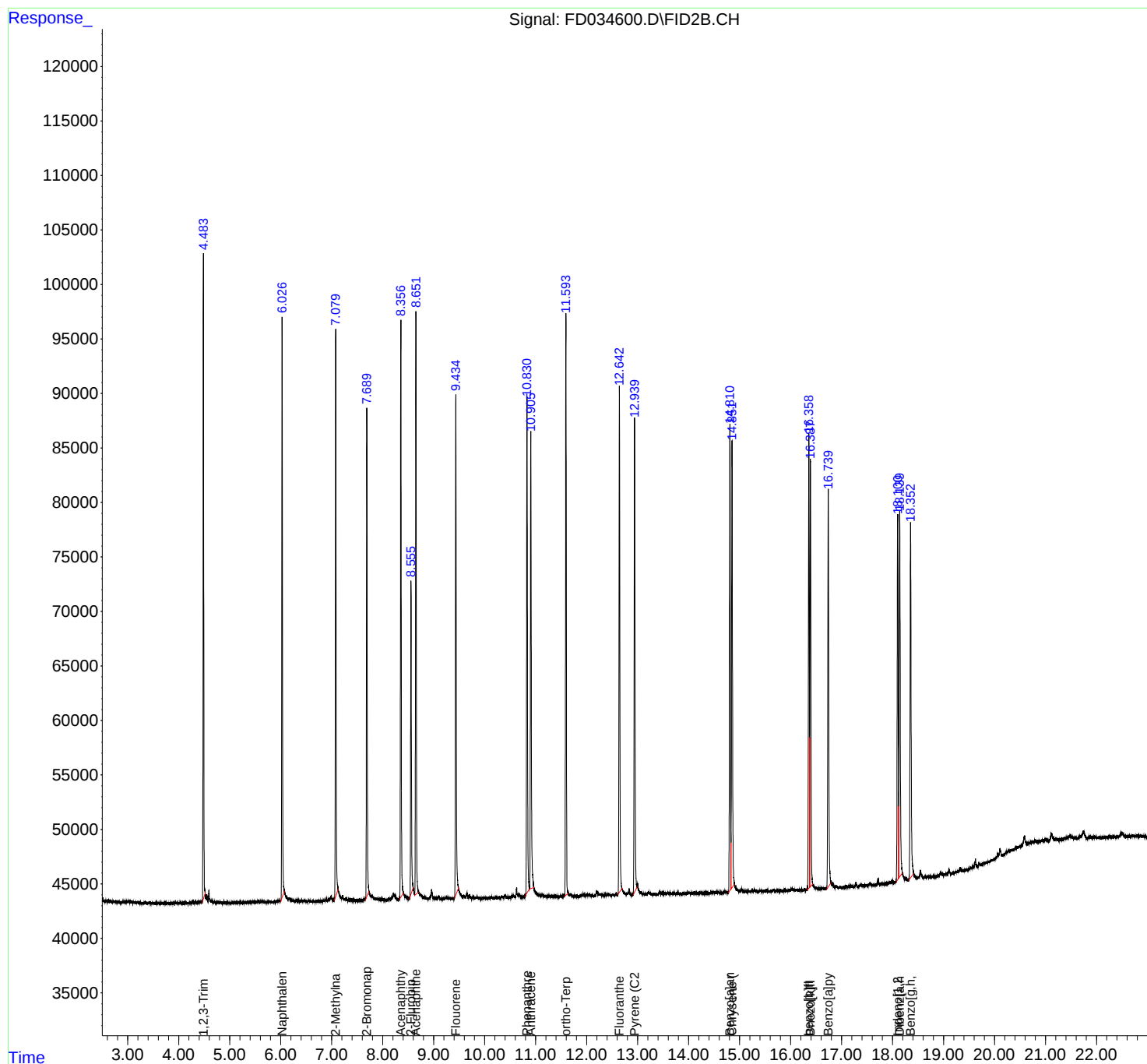
(m)=manual int.

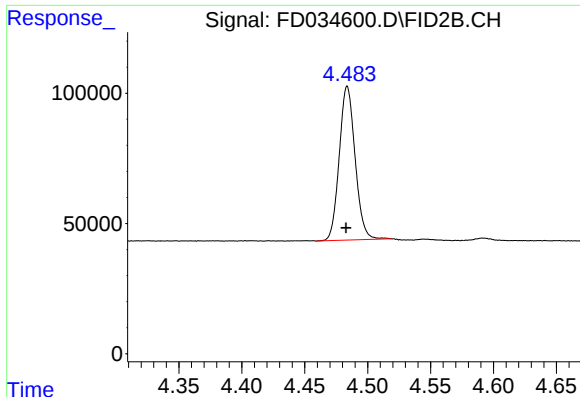
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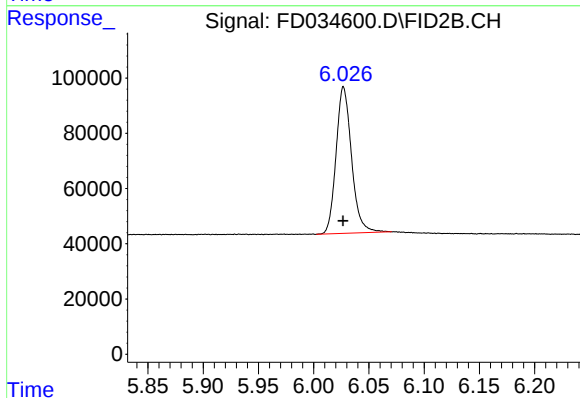




#1 1,2,3-Trimethylbenzene (C10.1)

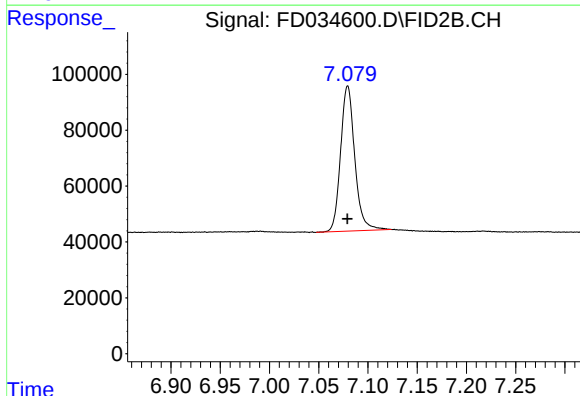
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 517304
Conc: 4.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



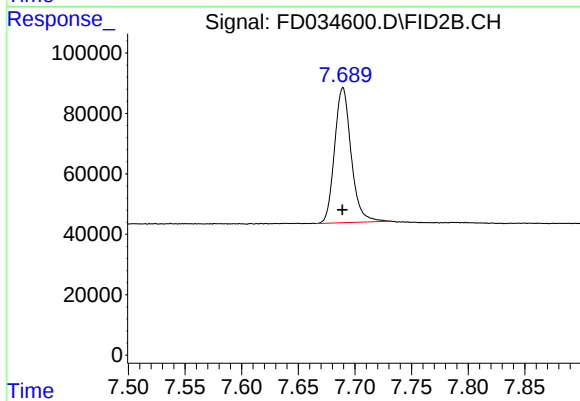
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 517384
Conc: 4.29 ug/ml



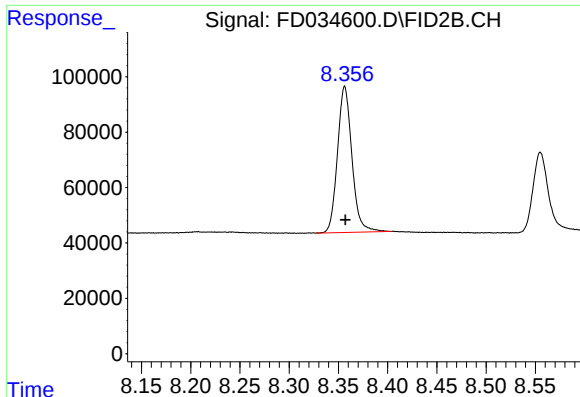
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 521347
Conc: 4.27 ug/ml



#4 2-Bromonaphthalene (SURR)

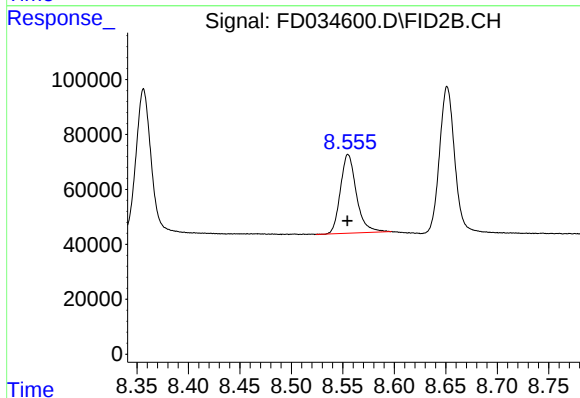
R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 454720
Conc: 4.29 ug/ml



#5 Acenaphthylene (C15.06)

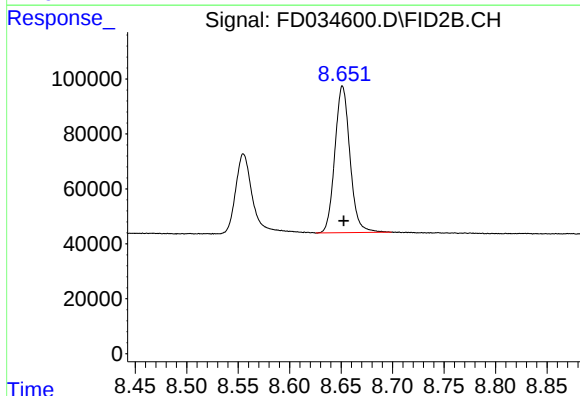
R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 538575
Conc: 4.48 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



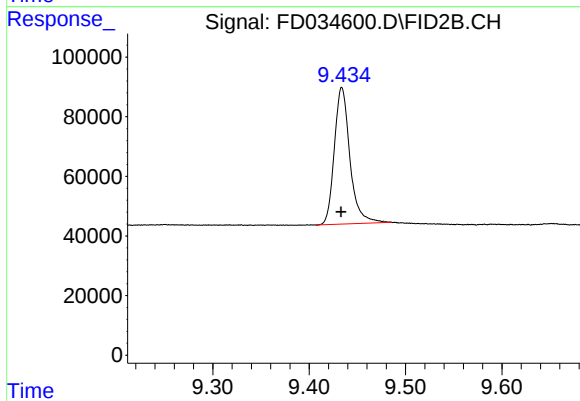
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 309577
Conc: 4.13 ug/ml



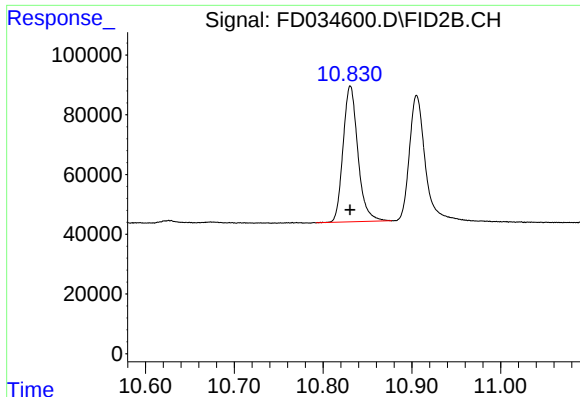
#7 Acenaphthene (C15.5)

R.T.: 8.651 min
Delta R.T.: 0.000 min
Response: 545766
Conc: 4.45 ug/ml



#8 Fluorene (C16.55)

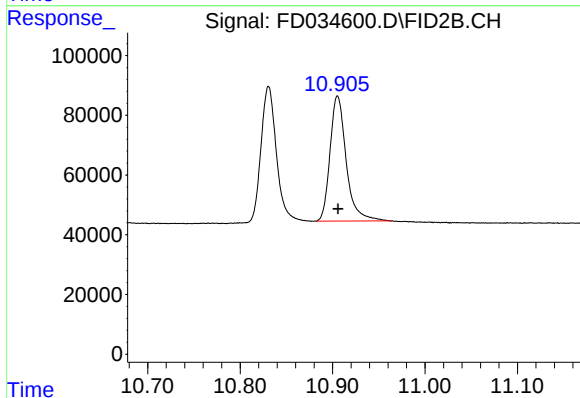
R.T.: 9.434 min
Delta R.T.: 0.000 min
Response: 514705
Conc: 4.32 ug/ml



#9 Phenanthrene (C19.36)

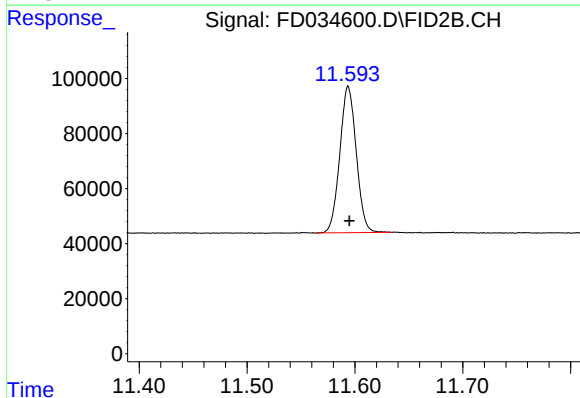
R.T.: 10.831 min
Delta R.T.: 0.000 min
Response: 526349
Conc: 4.37 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



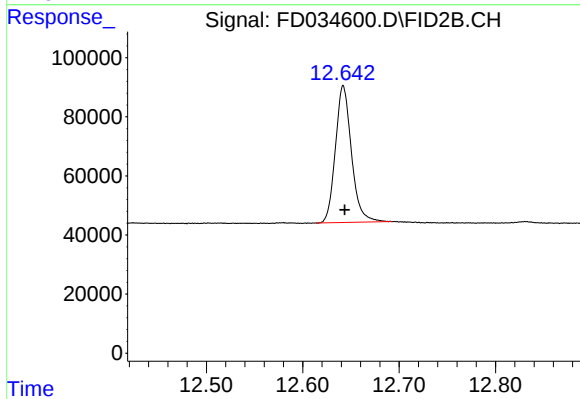
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: 0.000 min
Response: 510693
Conc: 4.33 ug/ml



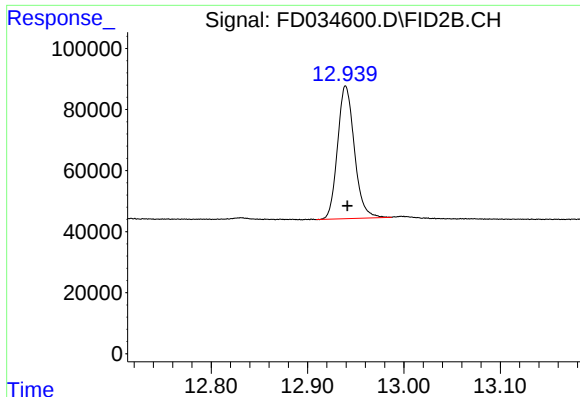
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 563604
Conc: 4.59 ug/ml



#12 Fluoranthene (C21.85)

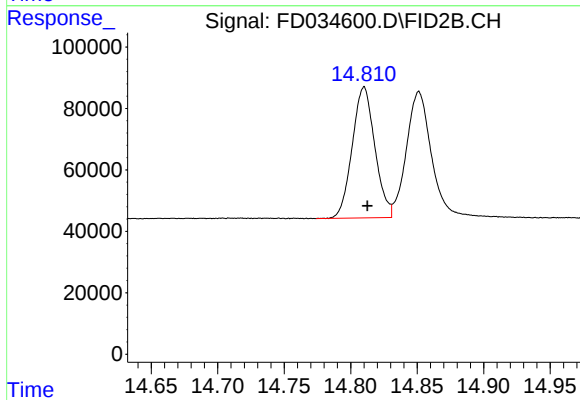
R.T.: 12.642 min
Delta R.T.: -0.001 min
Response: 535624
Conc: 4.47 ug/ml



#13 Pyrene (C20.8)

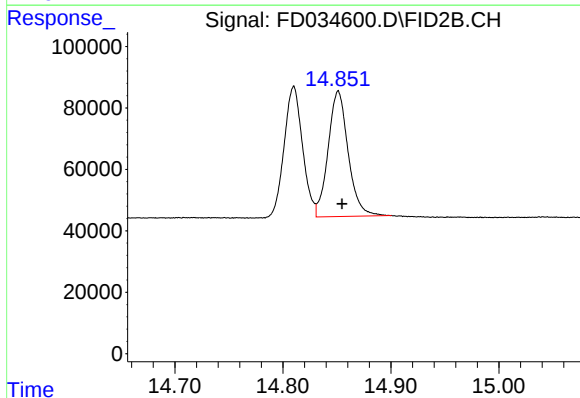
R.T.: 12.940 min
Delta R.T.: -0.002 min
Response: 526115
Conc: 4.52 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



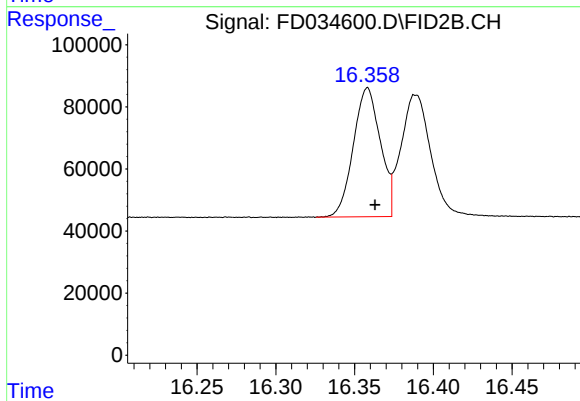
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.810 min
Delta R.T.: -0.003 min
Response: 504579
Conc: 4.44 ug/ml



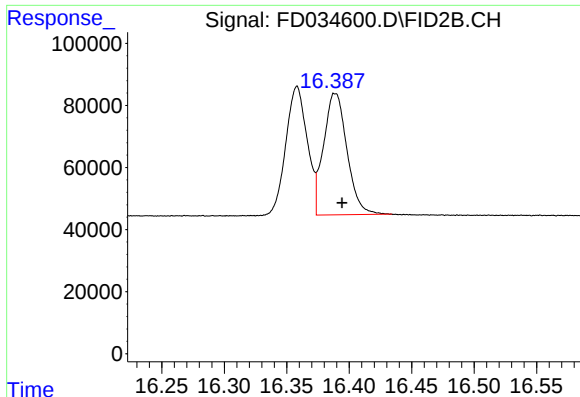
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: -0.004 min
Response: 526973
Conc: 4.62 ug/ml



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

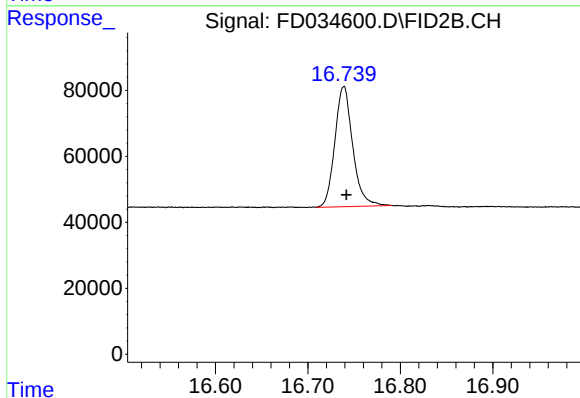
R.T.: 16.358 min
Delta R.T.: -0.005 min
Response: 495868
Conc: 4.52 ug/ml



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

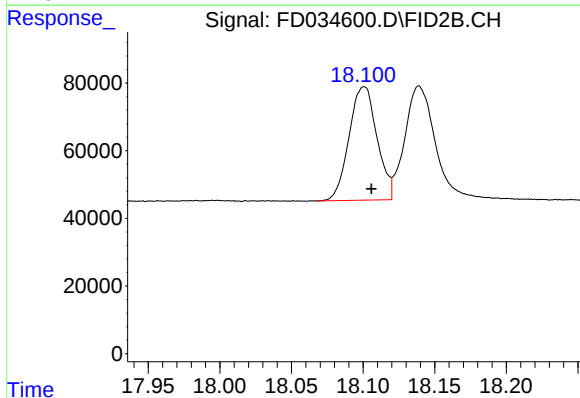
R.T.: 16.389 min
Delta R.T.: -0.005 min
Response: 511084
Conc: 4.73 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



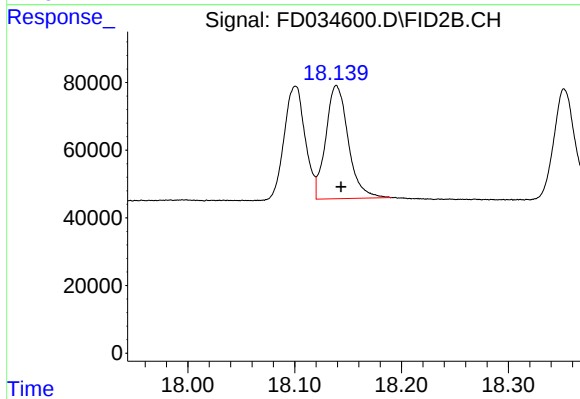
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.003 min
Response: 489835
Conc: 4.54 ug/ml



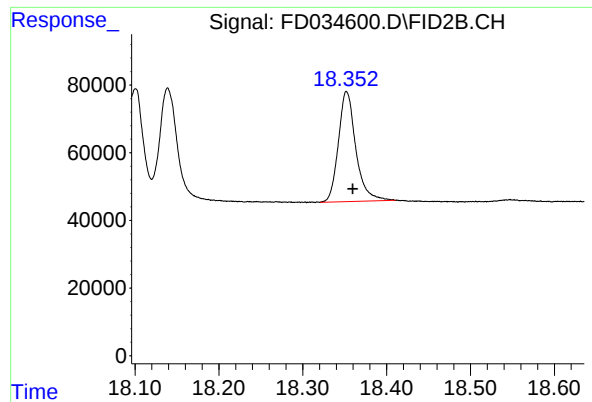
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: -0.005 min
Response: 455284
Conc: 4.45 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.004 min
Response: 490144
Conc: 4.73 ug/ml



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

R.T.: 18.352 min
Delta R.T.: -0.007 min
Response: 470286
Conc: 4.59 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5