

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021822AR\
 Data File : FD041189.D
 Signal(s) : FID2B.CH
 Acq On : 18 Feb 2022 12:43
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 18 13:06:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 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...	7.354	482010	22.802 ug/ml
Spiked Amount 50.000		Recovery =	45.60%
6) S 2-Fluorobiphenyl (SURR)	8.202	298303	23.281 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.56%
11) S ortho-Terphenyl (SURR)	11.232	614192	21.166 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	561585	22.130 ug/ml
2) T Naphthalene (C11.7)	5.696	532743	22.940 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	532039	22.503 ug/ml
5) T Acenaphthylene (C15.06)	8.003	576711	21.491 ug/ml
7) T Acenaphthene (C15.5)	8.296	641215	21.285 ug/ml
8) T Fluorene (C16.55)	9.074	552267	22.195 ug/ml
9) T Phenanthrene (C19.36)	10.460	550552	22.343 ug/ml
10) T Anthracene (C19.43)	10.535	468303	17.951 ug/ml
12) T Fluoranthene (C21.85)	12.260	593487	22.279 ug/ml
13) T Pyrene (C20.8)	12.552	588654	21.759 ug/ml
14) T Benzo[a]anthracene (C...	14.420	517404	23.225 ug/ml
15) T Chrysene (C27.41)	14.461	677178	21.515 ug/ml
16) T benzo[b]fluoranthene ...	15.962	575244	23.122 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	668703	21.911 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	576375	22.610 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	550975	23.344 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	661245	22.317 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	573705	21.605 ug/ml

(f)=RT Delta > 1/2 Window

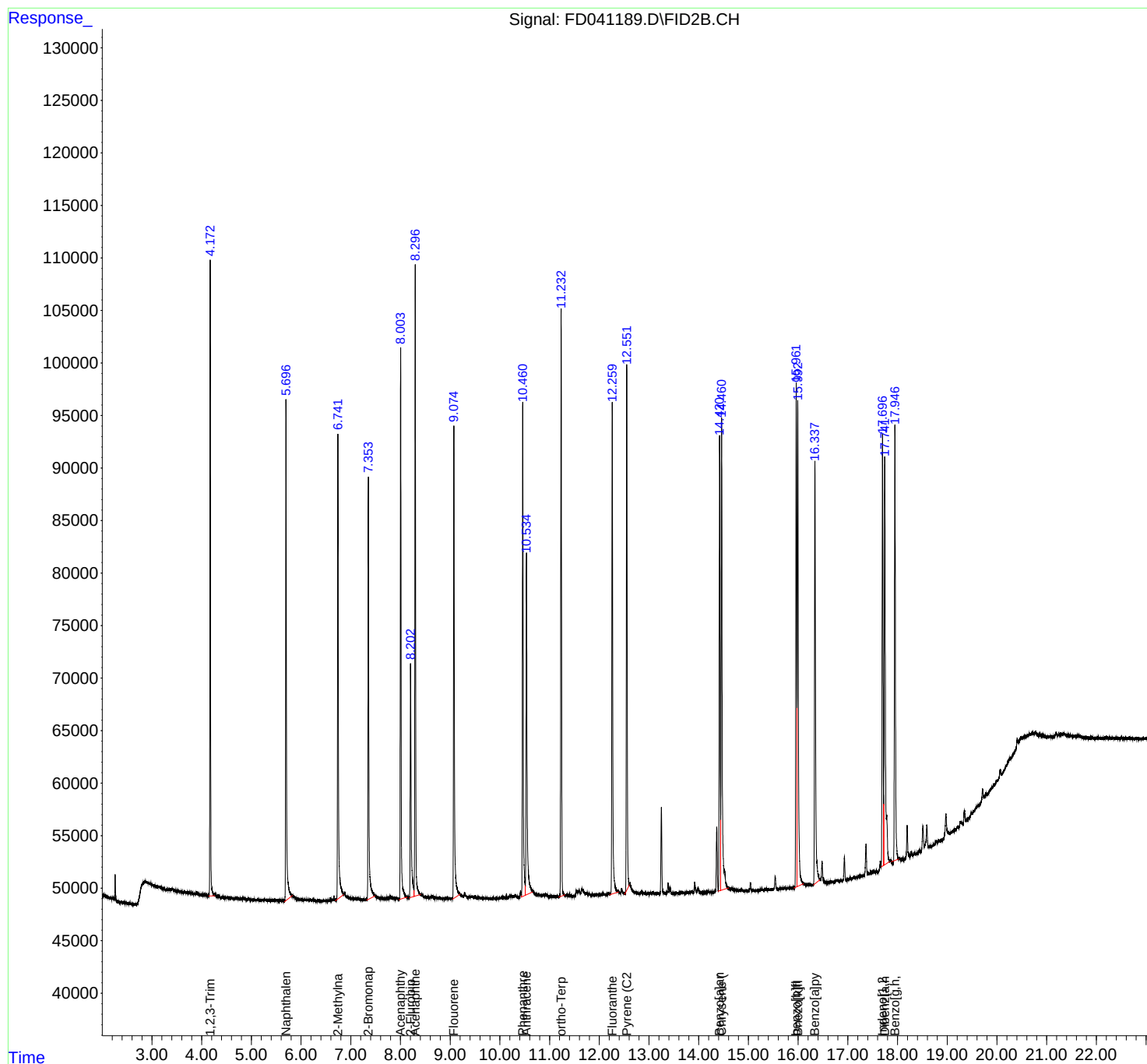
(m)=manual int.

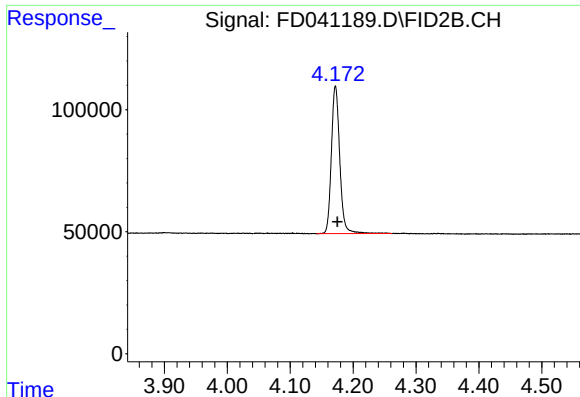
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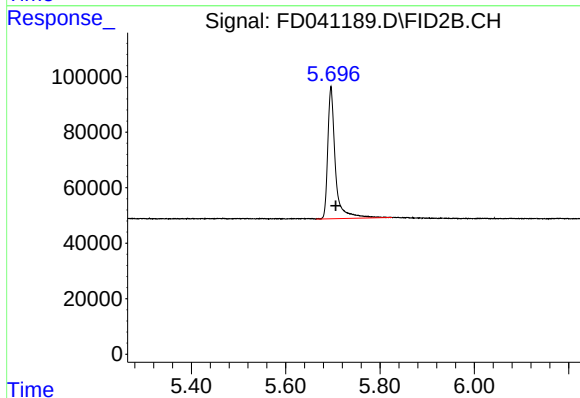




#1 1,2,3-Trimethylbenzene (C10.1)

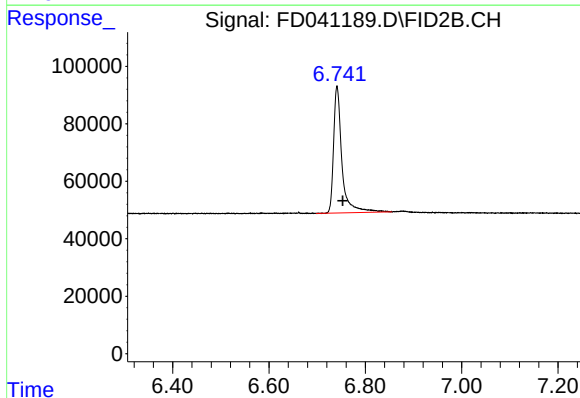
R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 561585
Conc: 22.13 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



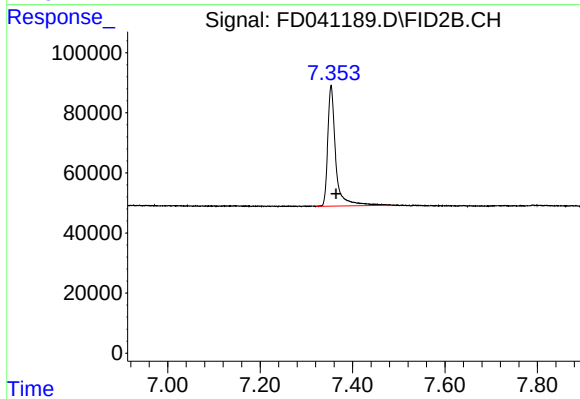
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.010 min
Response: 532743
Conc: 22.94 ug/ml



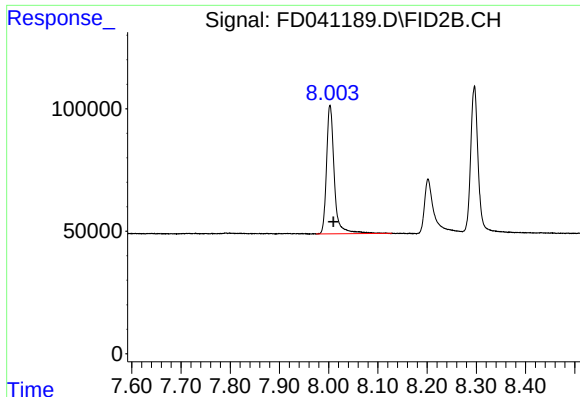
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 532039
Conc: 22.50 ug/ml



#4 2-Bromonaphthalene (SURR)

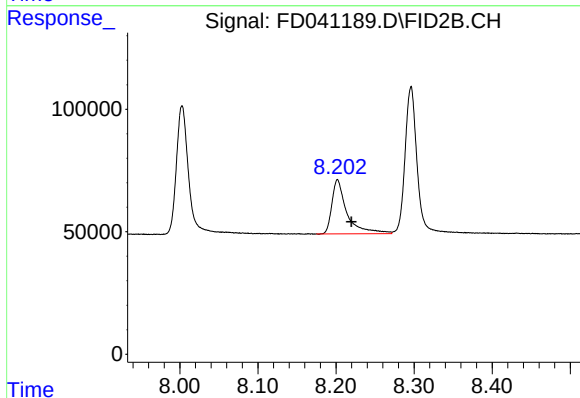
R.T.: 7.354 min
Delta R.T.: -0.010 min
Response: 482010
Conc: 22.80 ug/ml



#5 Acenaphthylene (C15.06)

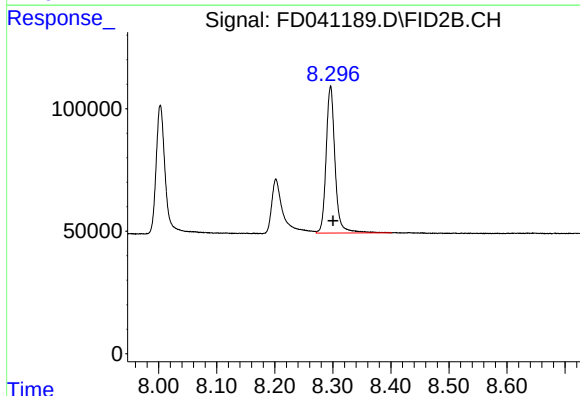
R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 576711
Conc: 21.49 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



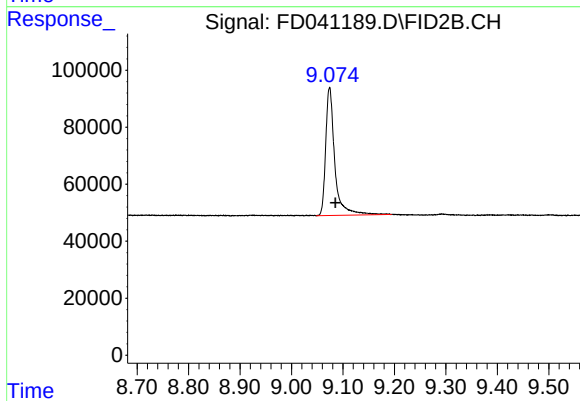
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.017 min
Response: 298303
Conc: 23.28 ug/ml



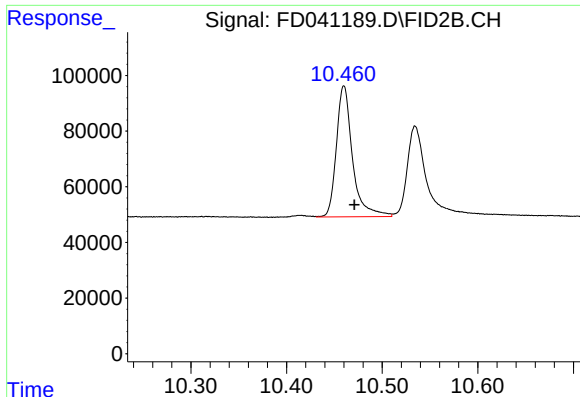
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 641215
Conc: 21.29 ug/ml



#8 Flouorene (C16.55)

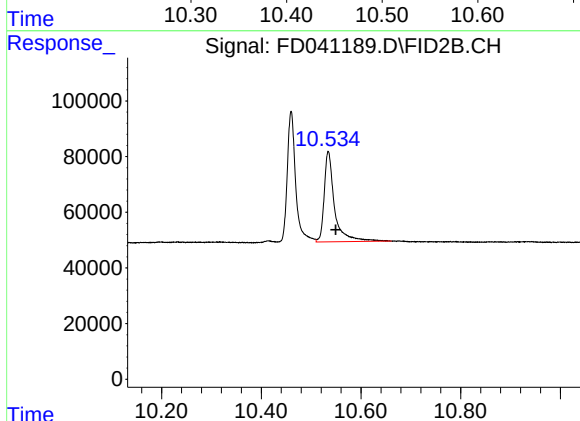
R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 552267
Conc: 22.20 ug/ml



#9 Phenanthrene (C19.36)

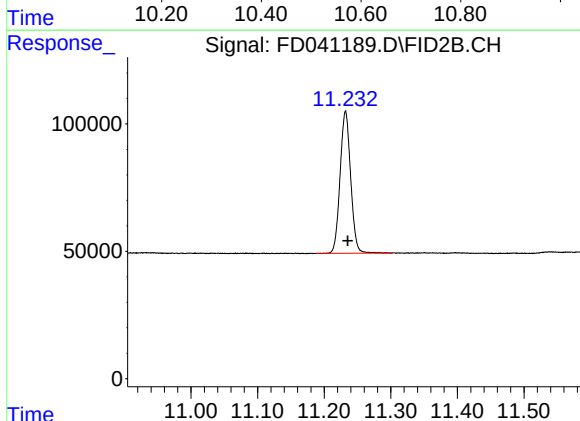
R.T.: 10.460 min
Delta R.T.: -0.011 min
Response: 550552
Conc: 22.34 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



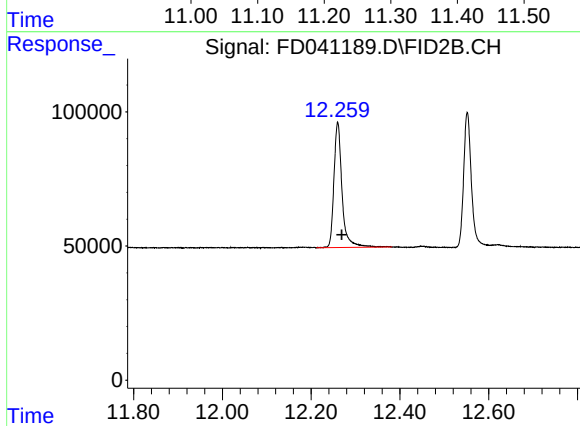
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.014 min
Response: 468303
Conc: 17.95 ug/ml



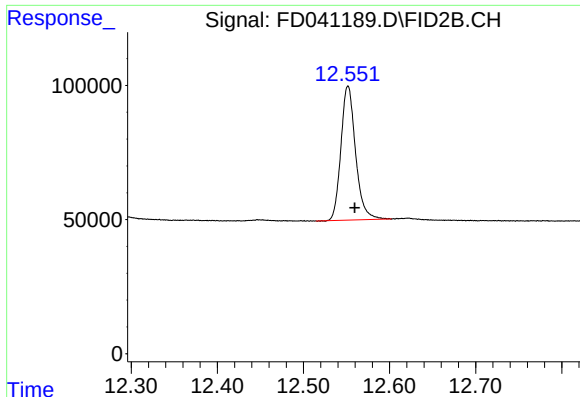
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 614192
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

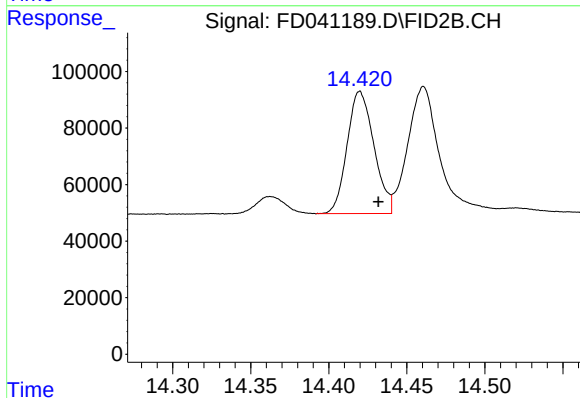
R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 593487
Conc: 22.28 ug/ml



#13 Pyrene (C20.8)

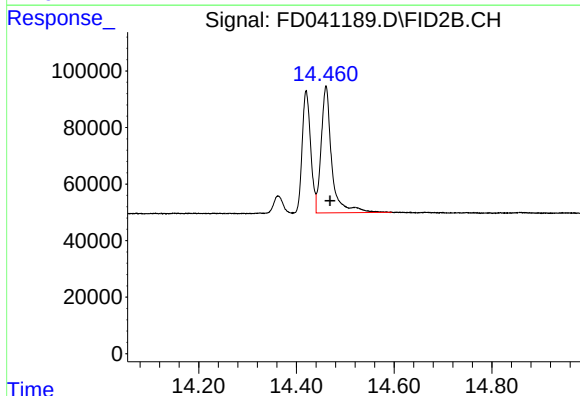
R.T.: 12.552 min
Delta R.T.: -0.008 min
Response: 588654
Conc: 21.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



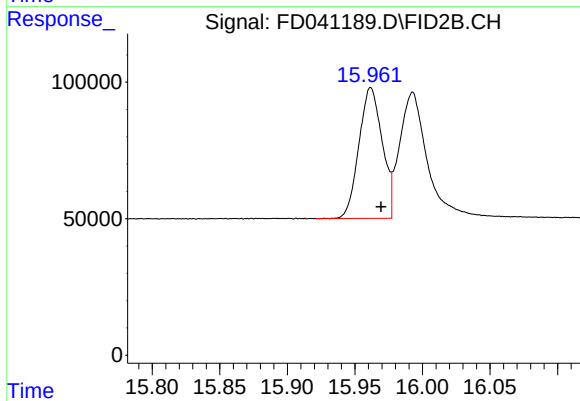
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.012 min
Response: 517404
Conc: 23.22 ug/ml



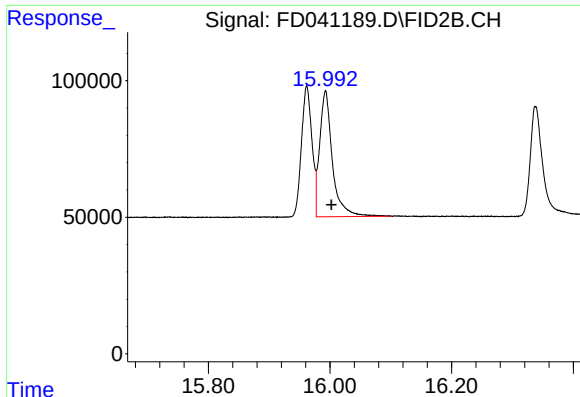
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.009 min
Response: 677178
Conc: 21.52 ug/ml



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

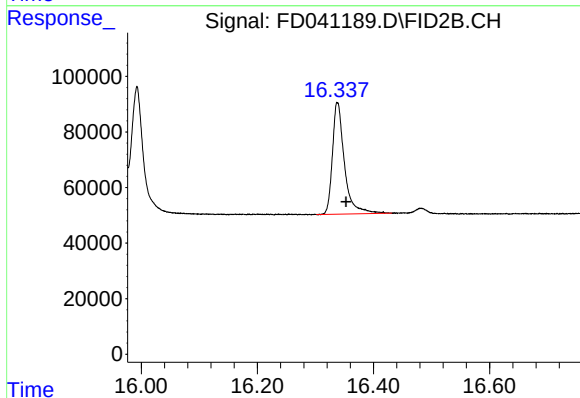
R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 575244
Conc: 23.12 ug/ml



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

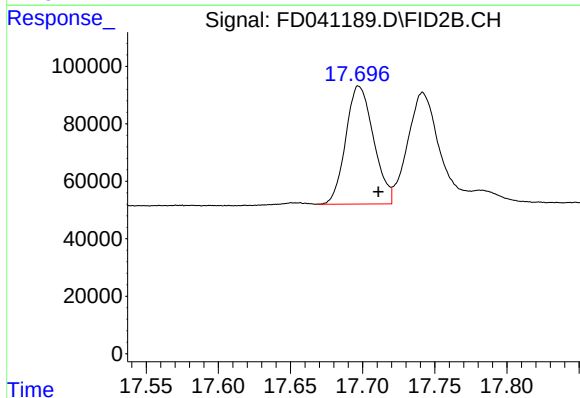
R.T.: 15.993 min
Delta R.T.: -0.010 min
Response: 668703
Conc: 21.91 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



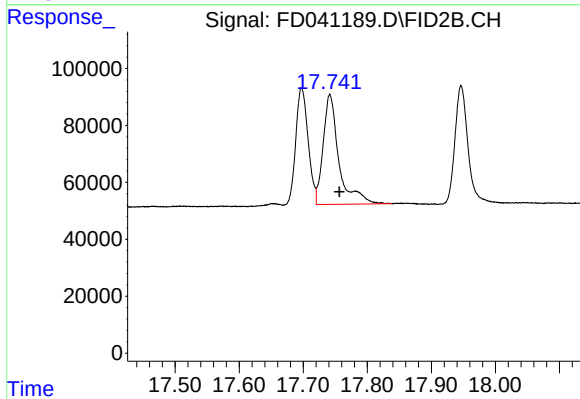
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: -0.015 min
Response: 576375
Conc: 22.61 ug/ml



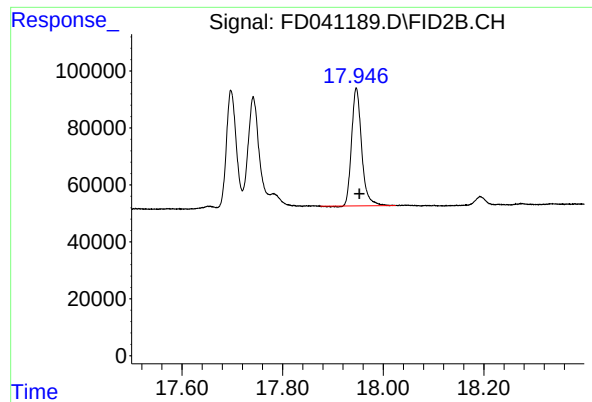
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.013 min
Response: 550975
Conc: 23.34 ug/ml



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

R.T.: 17.742 min
Delta R.T.: -0.015 min
Response: 661245
Conc: 22.32 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.006 min
Response: 573705
Conc: 21.60 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD