

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021822AR\
 Data File : FD041186.D
 Signal(s) : FID2B.CH
 Acq On : 18 Feb 2022 10:39
 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 11:04:20 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	487118	23.044 ug/ml
Spiked Amount 50.000		Recovery =	46.09%
6) S 2-Fluorobiphenyl (SURR)	8.203	290690	22.687 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.37%
11) S ortho-Terphenyl (SURR)	11.233	613542	21.144 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	549450	21.652 ug/ml
2) T Naphthalene (C11.7)	5.696	521748	22.467 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	523300	22.133 ug/ml
5) T Acenaphthylene (C15.06)	8.003	562073	20.946 ug/ml
7) T Acenaphthene (C15.5)	8.296	631969	20.978 ug/ml
8) T Fluorene (C16.55)	9.074	532901	21.417 ug/ml
9) T Phenanthrene (C19.36)	10.460	537832	21.827 ug/ml
10) T Anthracene (C19.43)	10.535	441755	16.933 ug/ml
12) T Fluoranthene (C21.85)	12.260	588171	22.079 ug/ml
13) T Pyrene (C20.8)	12.552	585354	21.637 ug/ml
14) T Benzo[a]anthracene (C...	14.420	510625	22.920 ug/ml
15) T Chrysene (C27.41)	14.460	595589	18.923 ug/ml
16) T benzo[b]fluoranthene ...	15.962	568039	22.832 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	648583	21.252 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	568351	22.295 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	554989	23.515 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	657567	22.193 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	581275	21.890 ug/ml

(f)=RT Delta > 1/2 Window

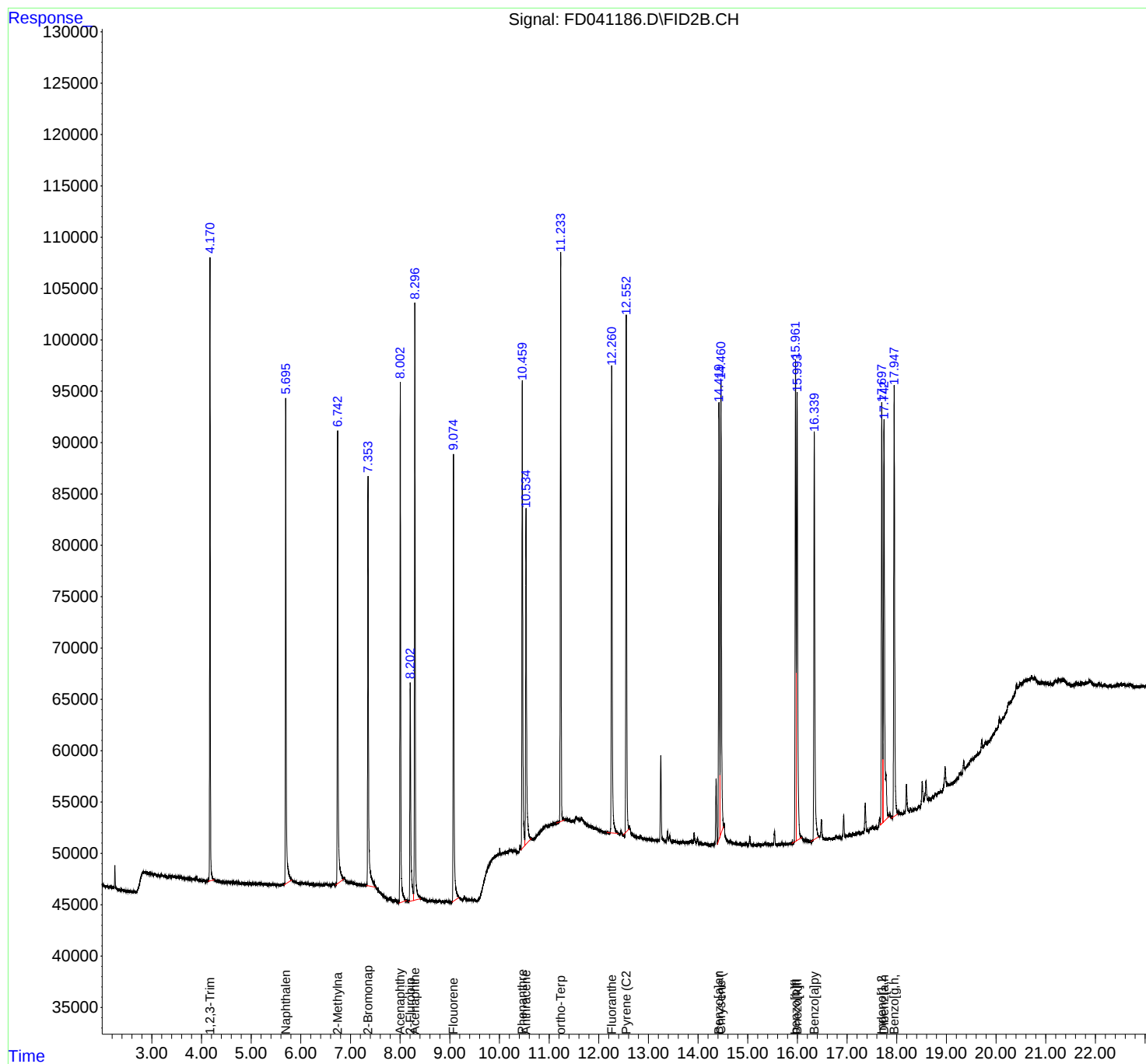
(m)=manual int.

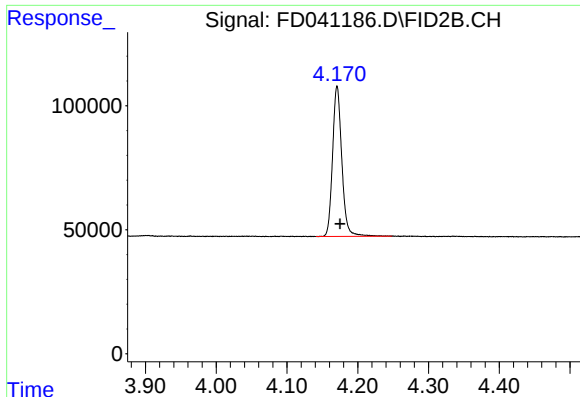
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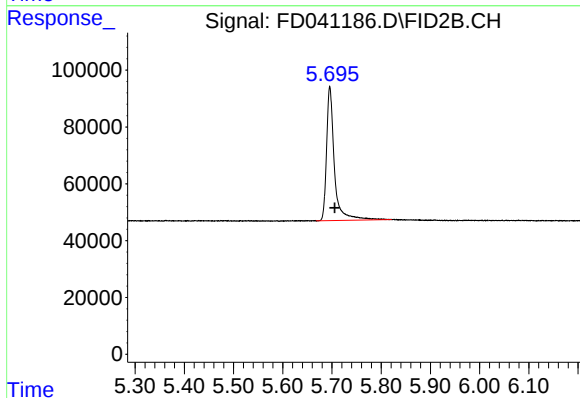




#1 1,2,3-Trimethylbenzene (C10.1)

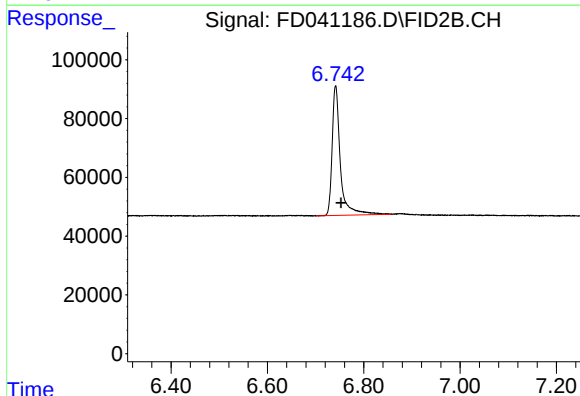
R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 549450
Conc: 21.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



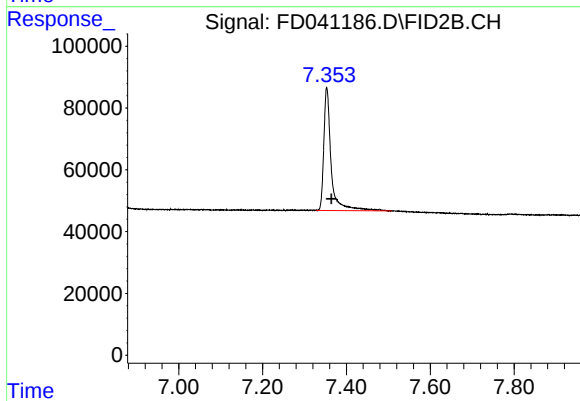
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.010 min
Response: 521748
Conc: 22.47 ug/ml



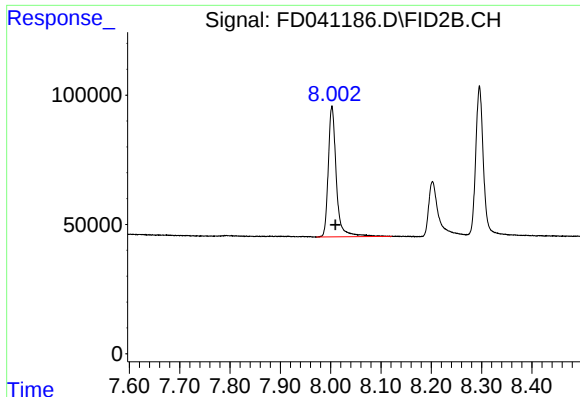
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 523300
Conc: 22.13 ug/ml



#4 2-Bromonaphthalene (SURR)

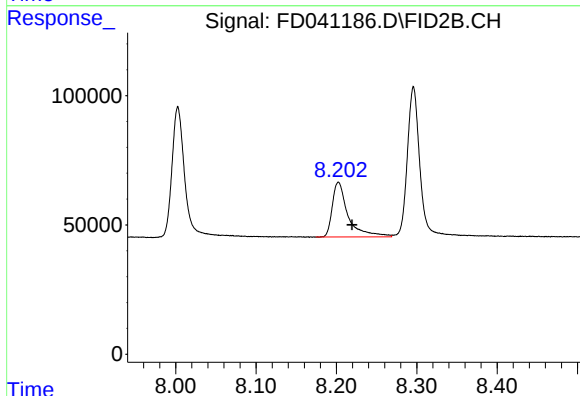
R.T.: 7.354 min
Delta R.T.: -0.011 min
Response: 487118
Conc: 23.04 ug/ml



#5 Acenaphthylene (C15.06)

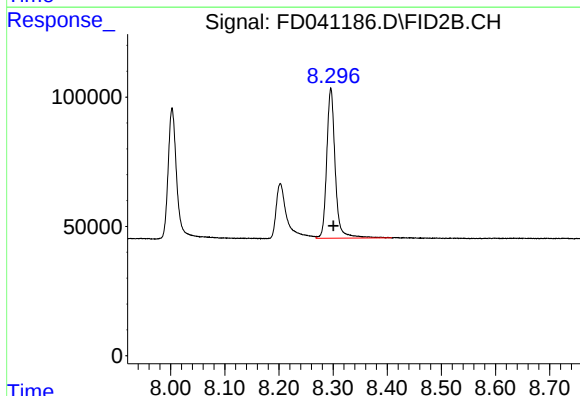
R.T.: 8.003 min
Delta R.T.: -0.007 min
Response: 562073
Conc: 20.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



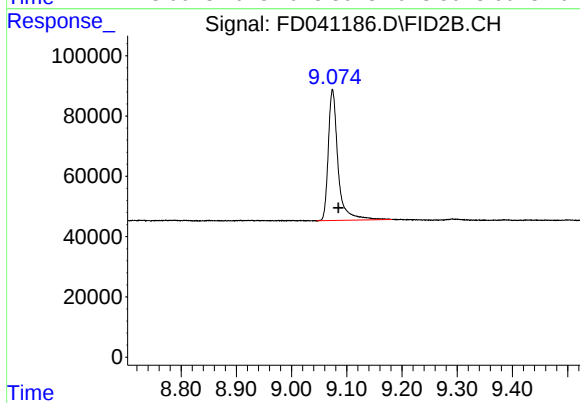
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.017 min
Response: 290690
Conc: 22.69 ug/ml



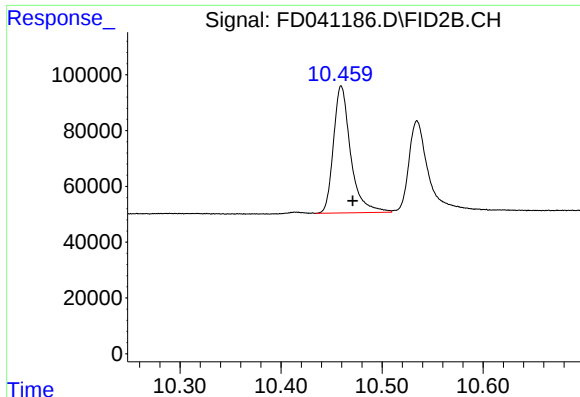
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 631969
Conc: 20.98 ug/ml



#8 Flouorene (C16.55)

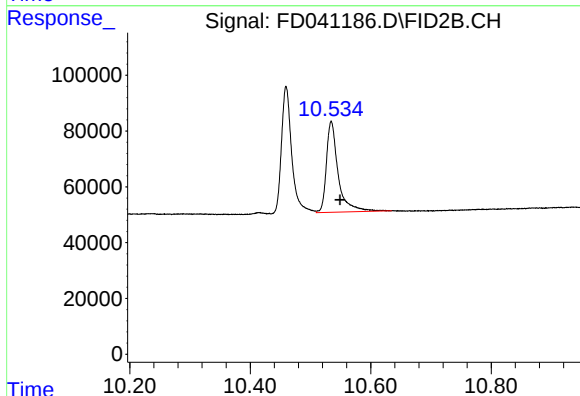
R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 532901
Conc: 21.42 ug/ml



#9 Phenanthrene (C19.36)

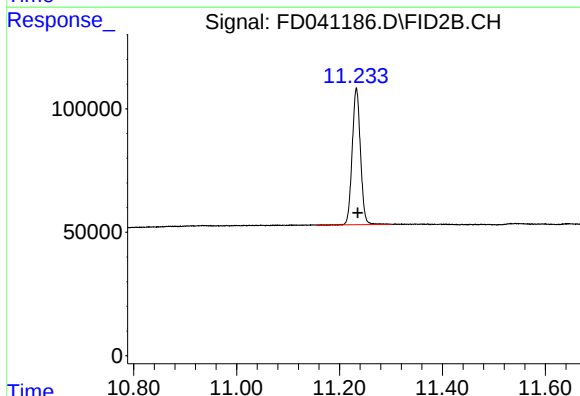
R.T.: 10.460 min
Delta R.T.: -0.011 min
Response: 537832
Conc: 21.83 ug/ml

Instrument :
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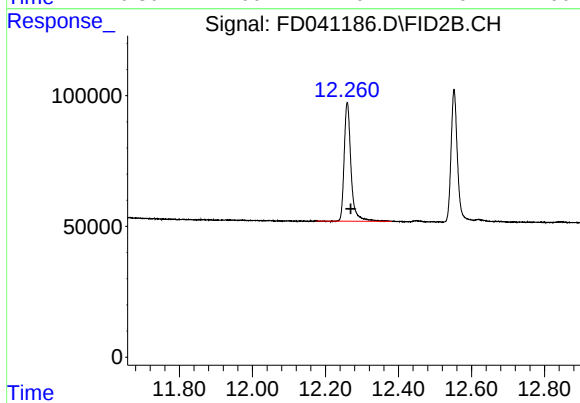
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.014 min
Response: 441755
Conc: 16.93 ug/ml



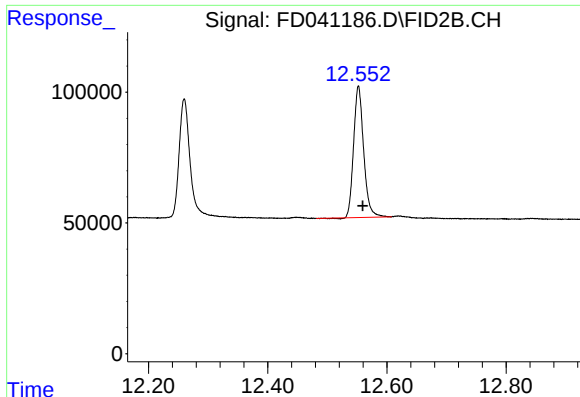
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.003 min
Response: 613542
Conc: 21.14 ug/ml



#12 Fluoranthene (C21.85)

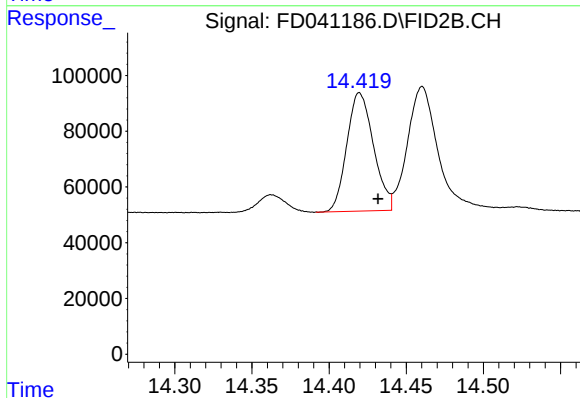
R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 588171
Conc: 22.08 ug/ml



#13 Pyrene (C20.8)

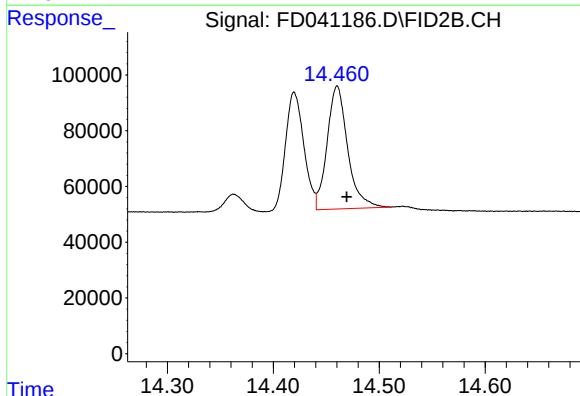
R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 585354
Conc: 21.64 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



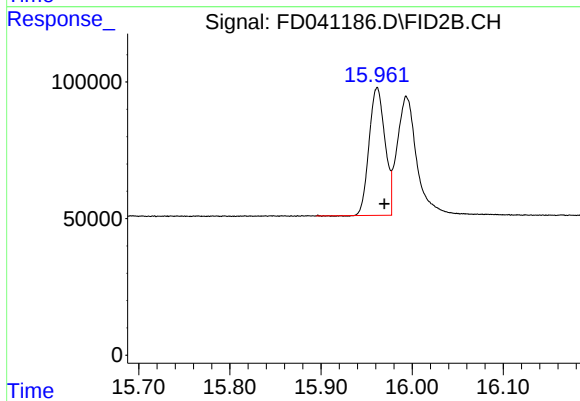
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.012 min
Response: 510625
Conc: 22.92 ug/ml



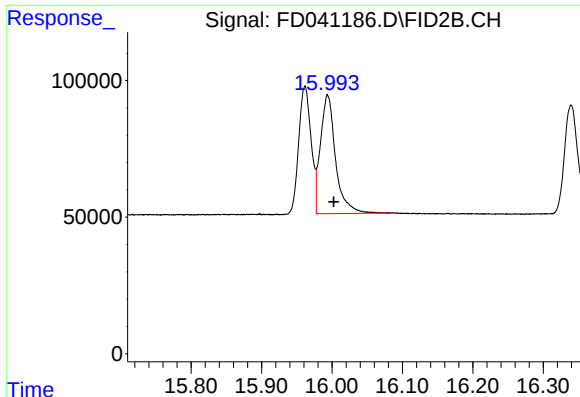
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: -0.009 min
Response: 595589
Conc: 18.92 ug/ml



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

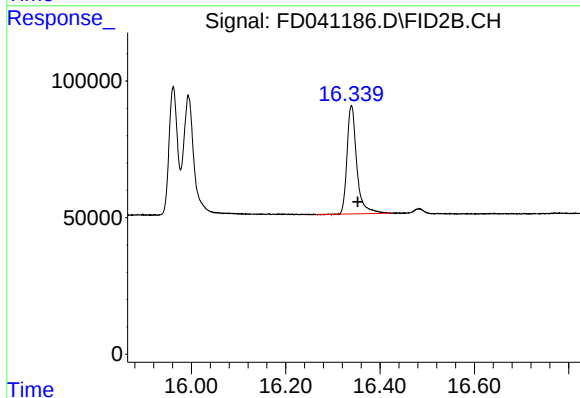
R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 568039
Conc: 22.83 ug/ml



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

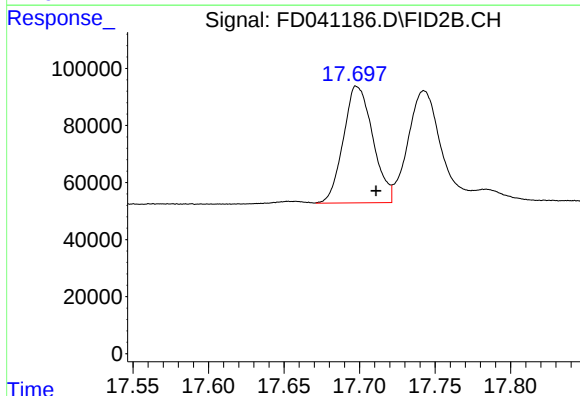
R.T.: 15.994 min
Delta R.T.: -0.008 min
Response: 648583
Conc: 21.25 ug/ml

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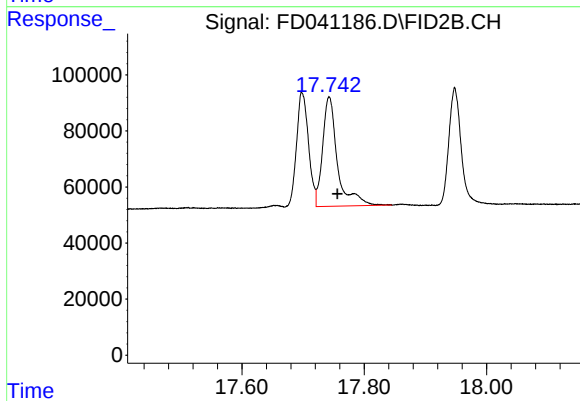
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: -0.014 min
Response: 568351
Conc: 22.30 ug/ml



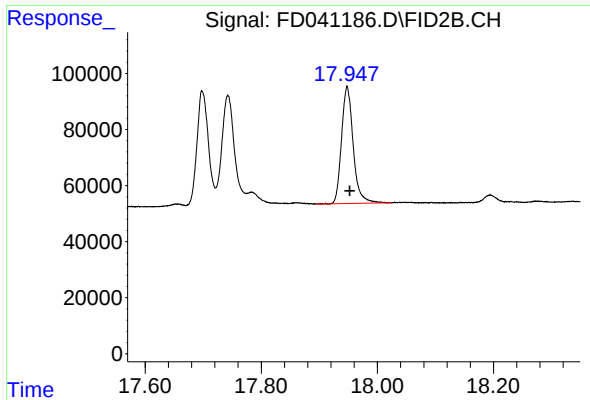
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 554989
Conc: 23.51 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 657567
Conc: 22.19 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.004 min
Response: 581275
Conc: 21.89 ug/ml

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ClientSampleId :
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