

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041170.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 10:08
 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: sample.E
 Quant Time: Feb 18 01:13:53 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	459640	21.744 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
6) S 2-Fluorobiphenyl (SURR)	8.203	286787	22.382 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.76%
11) S ortho-Terphenyl (SURR)	11.231	590780	20.359 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	542170	21.365 ug/ml
2) T Naphthalene (C11.7)	5.697	511245	22.015 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	519153	21.958 ug/ml
5) T Acenaphthylene (C15.06)	8.004	556030	20.720 ug/ml
7) T Acenaphthene (C15.5)	8.297	611176	20.288 ug/ml
8) T Fluorene (C16.55)	9.074	532664	21.407 ug/ml
9) T Phenanthrene (C19.36)	10.458	531109	21.554 ug/ml
10) T Anthracene (C19.43)	10.534	462597	17.732 ug/ml
12) T Fluoranthene (C21.85)	12.258	565894	21.243 ug/ml
13) T Pyrene (C20.8)	12.550	574590	21.239 ug/ml
14) T Benzo[a]anthracene (C...	14.417	502493	22.555 ug/ml
15) T Chrysene (C27.41)	14.458	640022	20.335 ug/ml
16) T benzo[b]fluoranthene ...	15.959	556063	22.351 ug/ml
17) T Bnezo[k]fluoranthene ...	15.990	630299	20.653 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	551769	21.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.696	534176	22.633 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	617253	20.832 ug/ml
21) T Benzo[g,h,i]perylene ...	17.944	555634	20.924 ug/ml

(f)=RT Delta > 1/2 Window

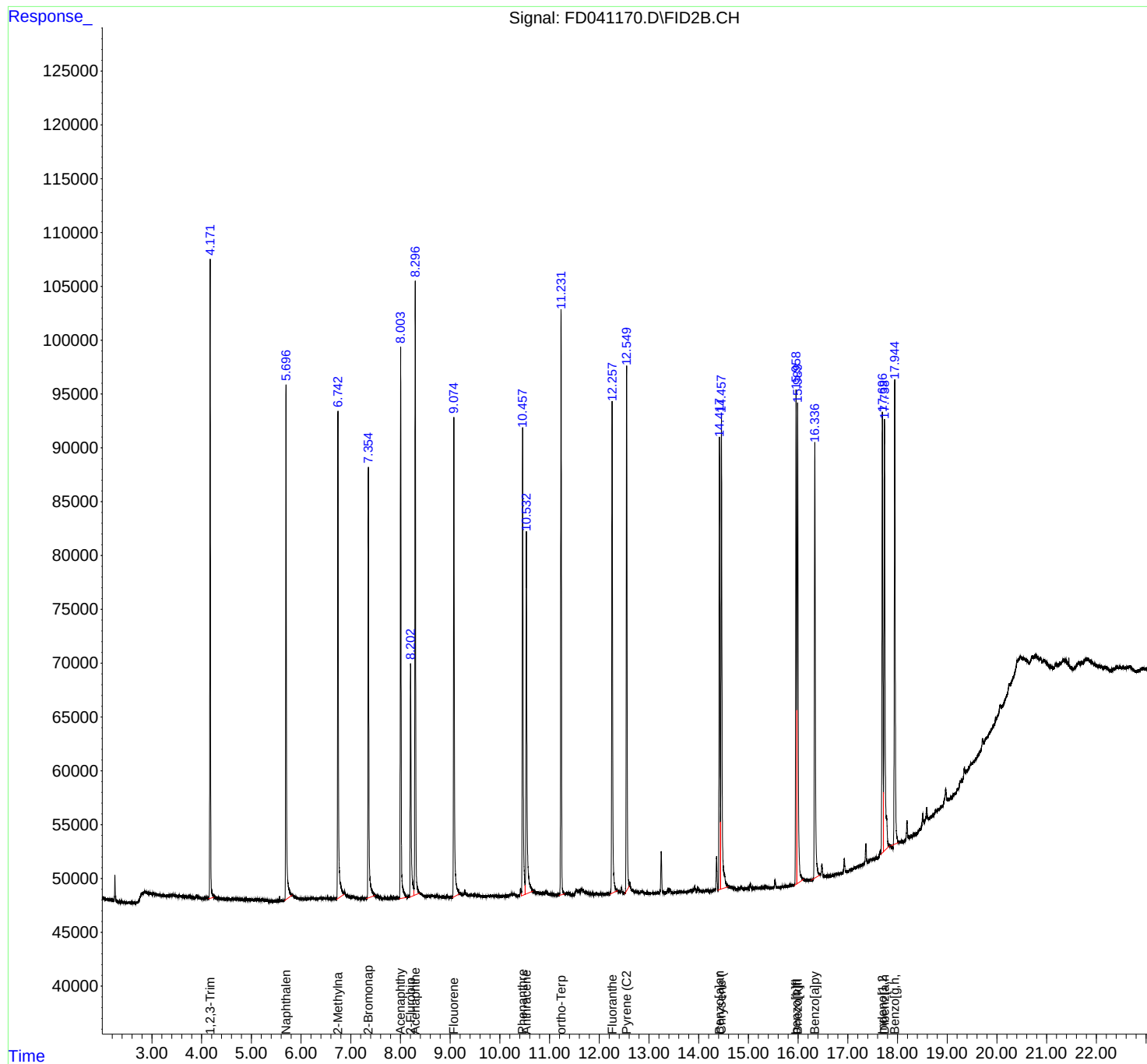
(m)=manual int.

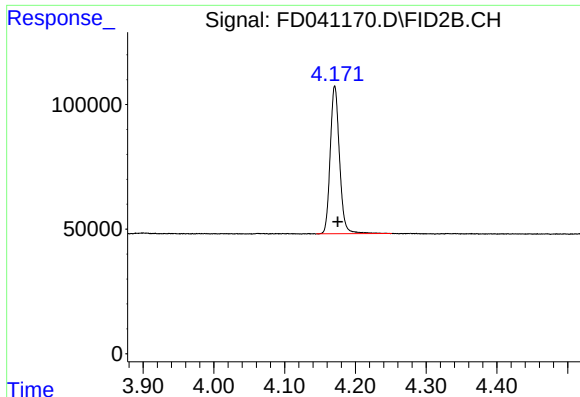
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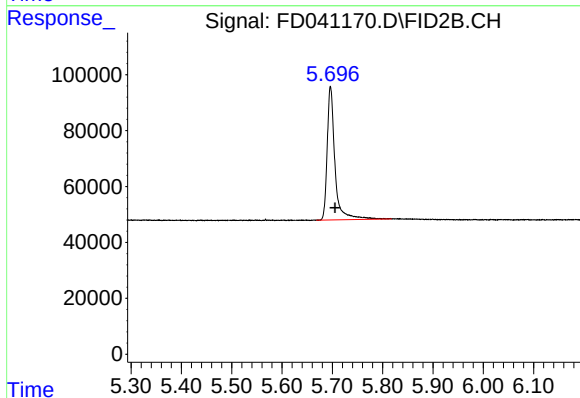




#1 1,2,3-Trimethylbenzene (C10.1)

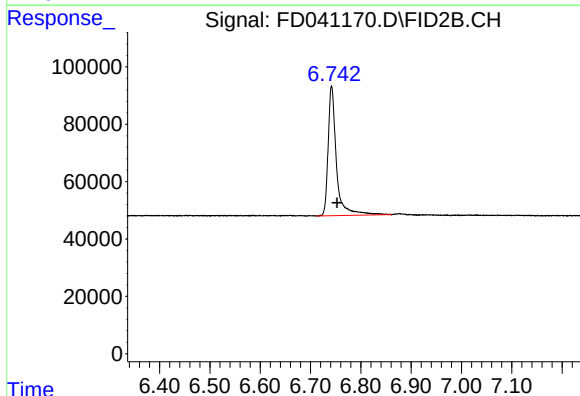
R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 542170
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



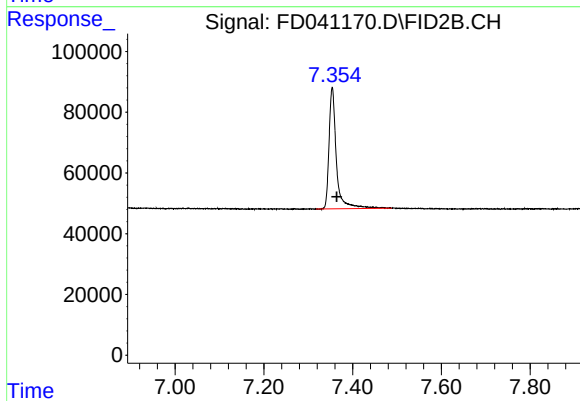
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.009 min
Response: 511245
Conc: 22.01 ug/ml



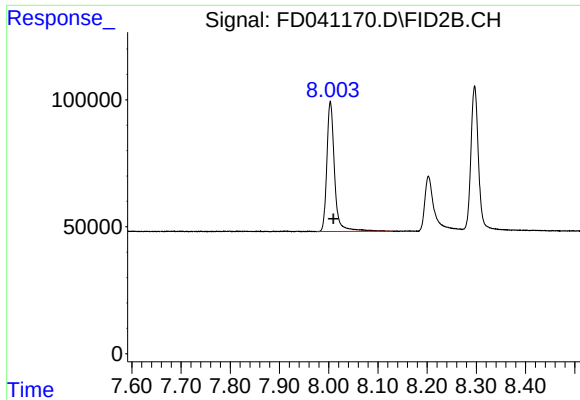
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 519153
Conc: 21.96 ug/ml



#4 2-Bromonaphthalene (SURR)

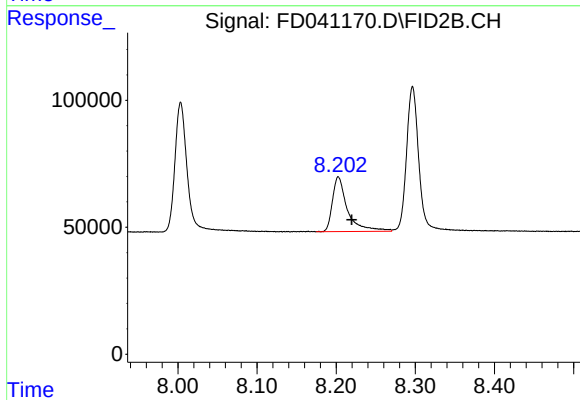
R.T.: 7.354 min
Delta R.T.: -0.010 min
Response: 459640
Conc: 21.74 ug/ml



#5 Acenaphthylene (C15.06)

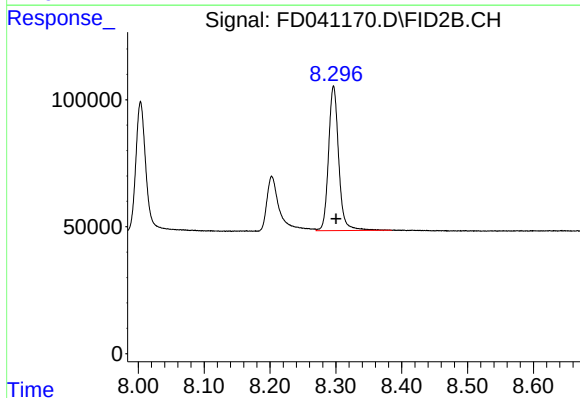
R.T.: 8.004 min
Delta R.T.: -0.006 min
Response: 556030
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



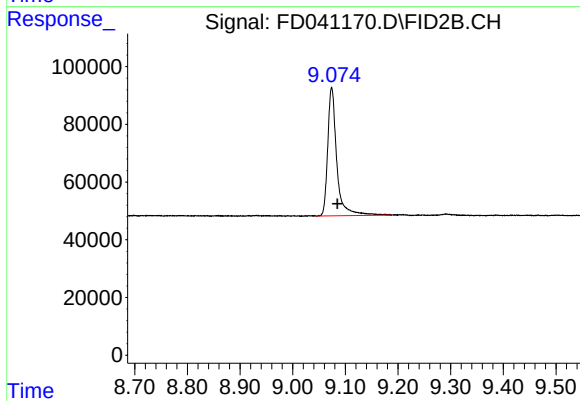
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.017 min
Response: 286787
Conc: 22.38 ug/ml



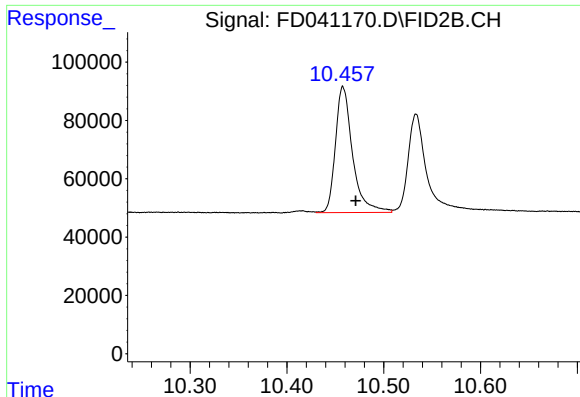
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.004 min
Response: 611176
Conc: 20.29 ug/ml



#8 Flouorene (C16.55)

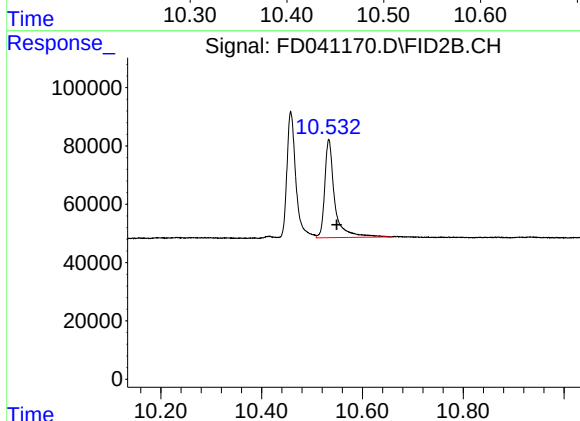
R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 532664
Conc: 21.41 ug/ml



#9 Phenanthrene (C19.36)

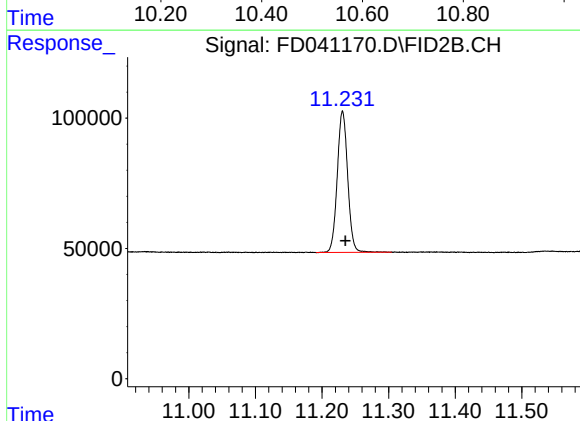
R.T.: 10.458 min
Delta R.T.: -0.013 min
Response: 531109
Conc: 21.55 ug/ml

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20 PPM AROMATIC HC STD



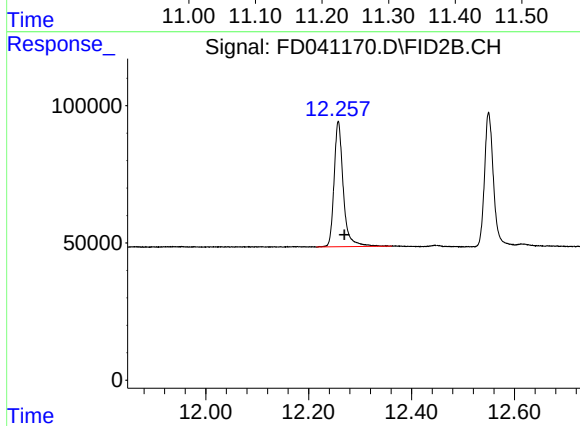
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.016 min
Response: 462597
Conc: 17.73 ug/ml



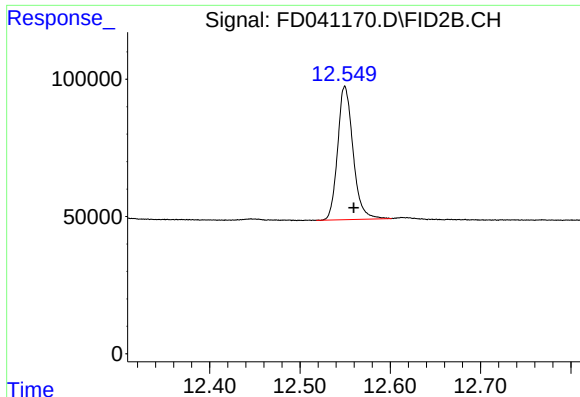
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.004 min
Response: 590780
Conc: 20.36 ug/ml



#12 Fluoranthene (C21.85)

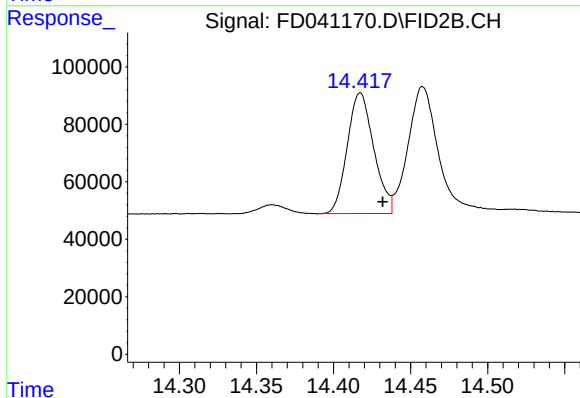
R.T.: 12.258 min
Delta R.T.: -0.011 min
Response: 565894
Conc: 21.24 ug/ml



#13 Pyrene (C20.8)

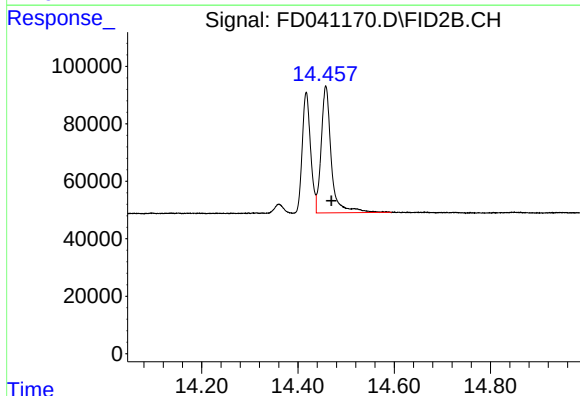
R.T.: 12.550 min
Delta R.T.: -0.010 min
Response: 574590
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



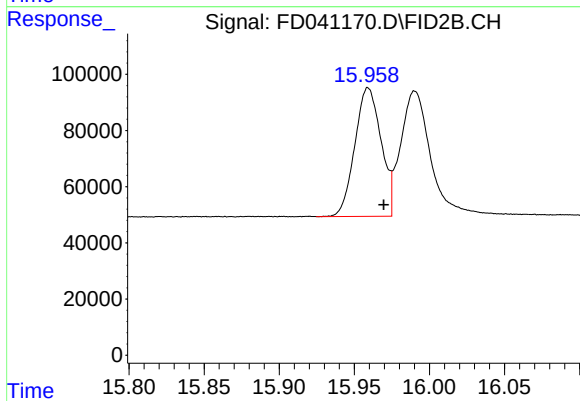
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.014 min
Response: 502493
Conc: 22.56 ug/ml



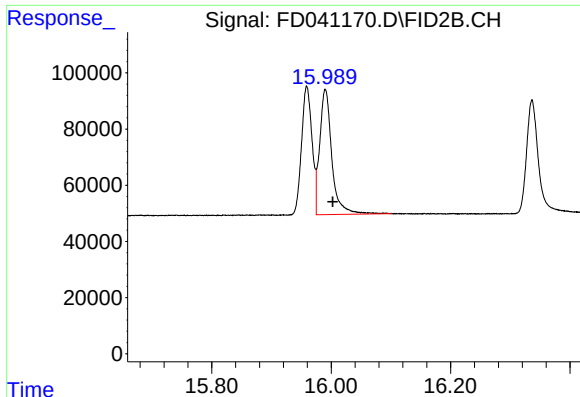
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: -0.011 min
Response: 640022
Conc: 20.33 ug/ml



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

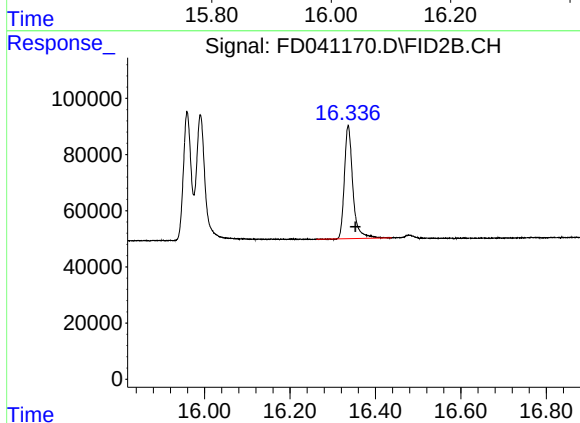
R.T.: 15.959 min
Delta R.T.: -0.010 min
Response: 556063
Conc: 22.35 ug/ml



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

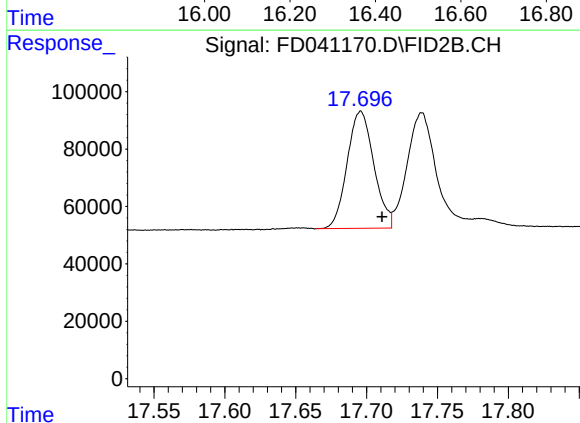
R.T.: 15.990 min
Delta R.T.: -0.012 min
Response: 630299
Conc: 20.65 ug/ml

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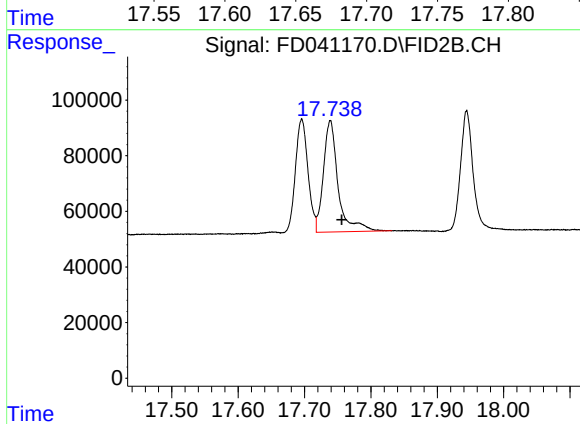
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.017 min
Response: 551769
Conc: 21.64 ug/ml



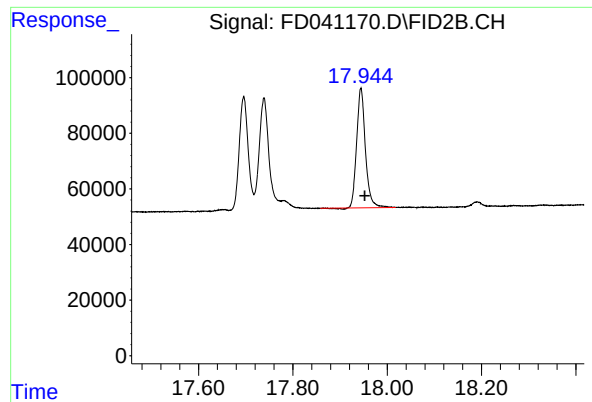
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.696 min
Delta R.T.: -0.015 min
Response: 534176
Conc: 22.63 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.018 min
Response: 617253
Conc: 20.83 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.008 min
Response: 555634
Conc: 20.92 ug/ml

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