

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041183.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 20:07
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2022
 Supervised By :Ankita Jodhani 02/18/2022

Integration File: sample.E
 Quant Time: Feb 18 01:11:21 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...	7.353	448794	21.231 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
6) S 2-Fluorobiphenyl (SURR)	8.202	289386	22.585 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.17%
11) S ortho-Terphenyl (SURR)	11.233	587871	20.259 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	535418	21.099 ug/ml
2) T Naphthalene (C11.7)	5.697	508843	21.911 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	516246	21.835 ug/ml
5) T Acenaphthylene (C15.06)	8.003	552651	20.594 ug/ml
7) T Acenaphthene (C15.5)	8.296	611045	20.284 ug/ml
8) T Flouorene (C16.55)	9.074	532778	21.412 ug/ml
9) T Phenanthrene (C19.36)	10.460	530252	21.519 ug/ml
10) T Anthracene (C19.43)	10.535	434899	16.671 ug/ml
12) T Fluoranthene (C21.85)	12.260	563496	21.153 ug/ml
13) T Pyrene (C20.8)	12.552	569478	21.050 ug/ml
14) T Benzo[a]anthracene (C...	14.420	504242	22.634 ug/ml
15) T Chrysene (C27.41)	14.460	640566	20.352 ug/ml
16) T benzo[b]fluoranthene ...	15.963	550570	22.130 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	623802	20.440 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	557864	21.884 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.699	534366	22.641 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	630620	21.283 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	550969	20.748 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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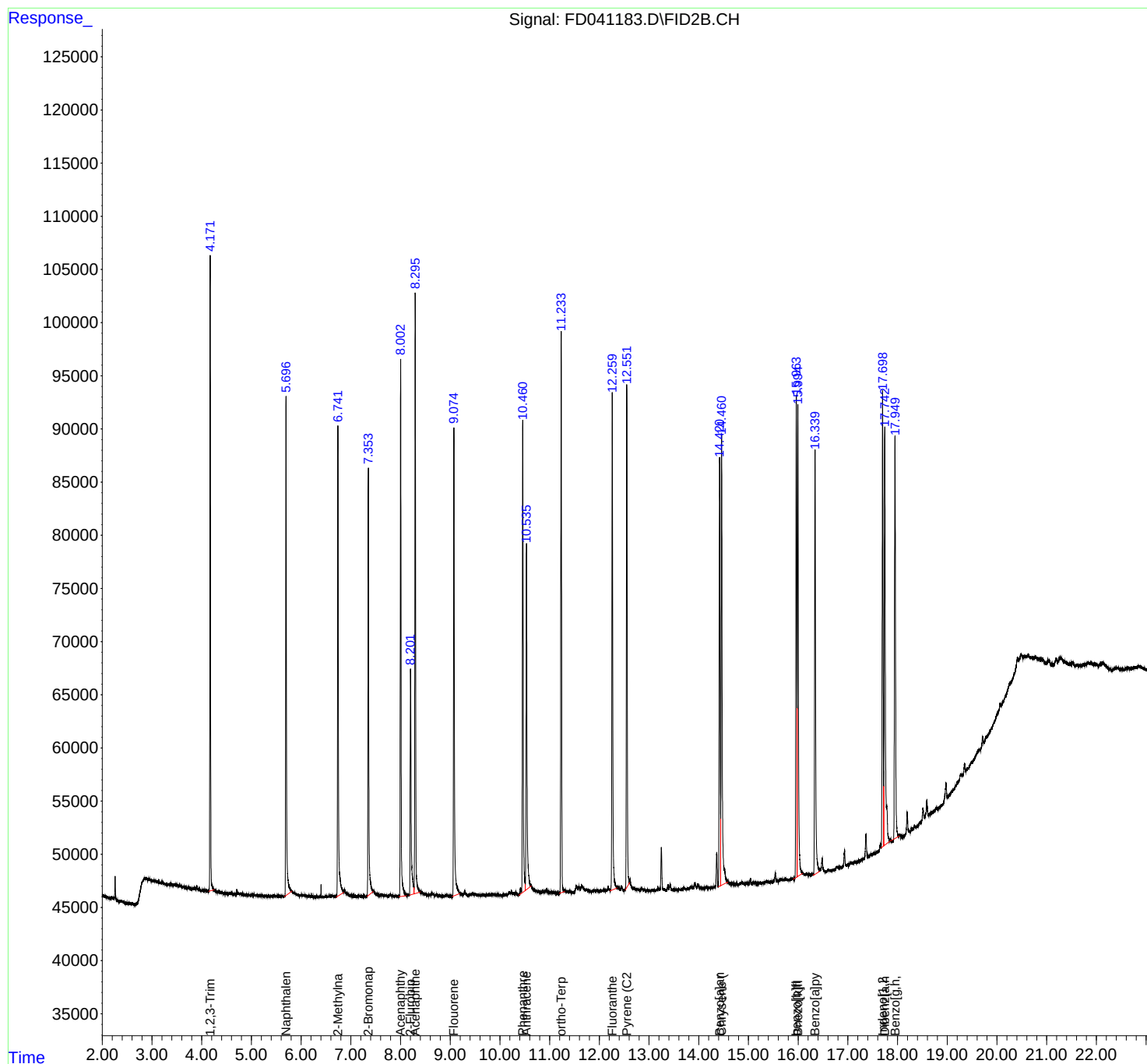
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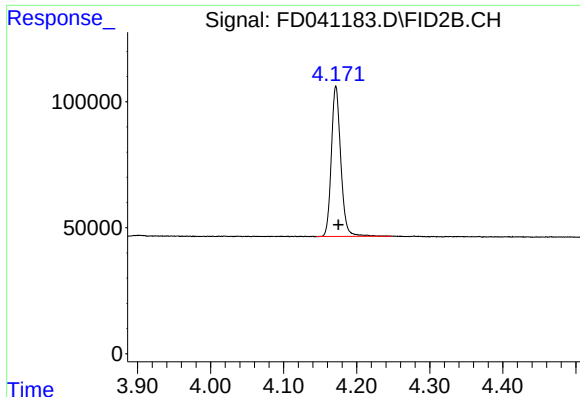
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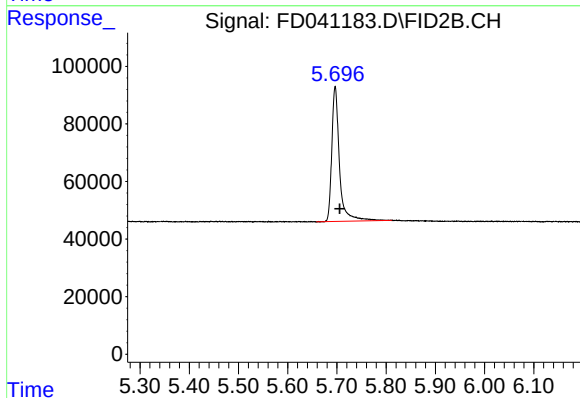
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 535418
Conc: 21.10 ug/ml

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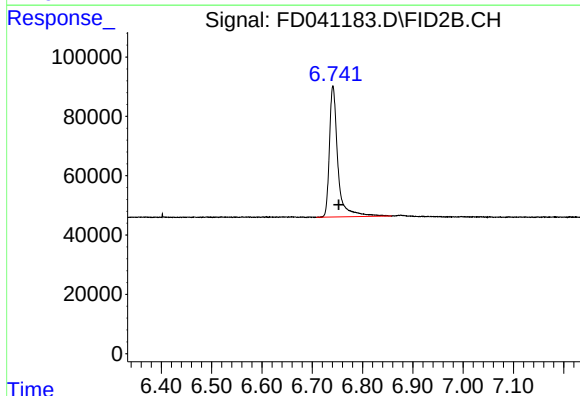
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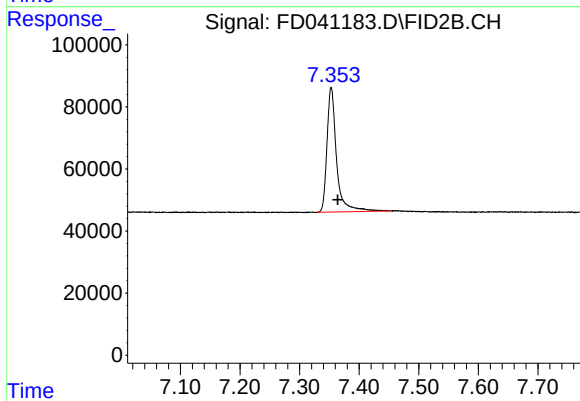
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.009 min
Response: 508843
Conc: 21.91 ug/ml



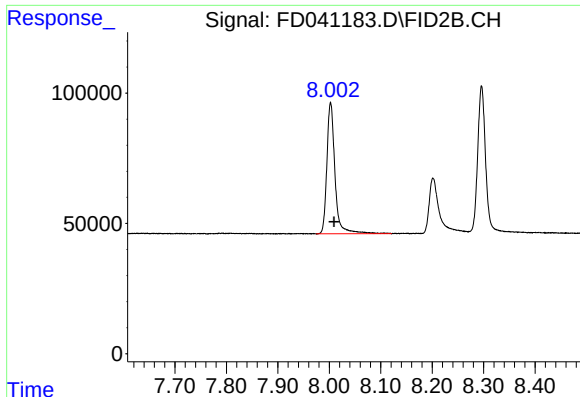
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 516246
Conc: 21.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.353 min
Delta R.T.: -0.011 min
Response: 448794
Conc: 21.23 ug/ml



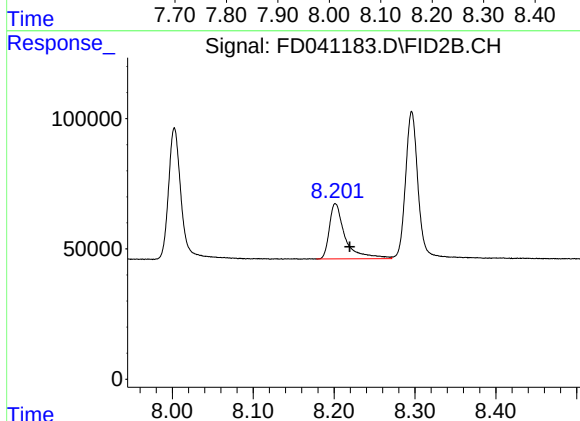
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.007 min
Response: 552651
Conc: 20.59 ug/ml

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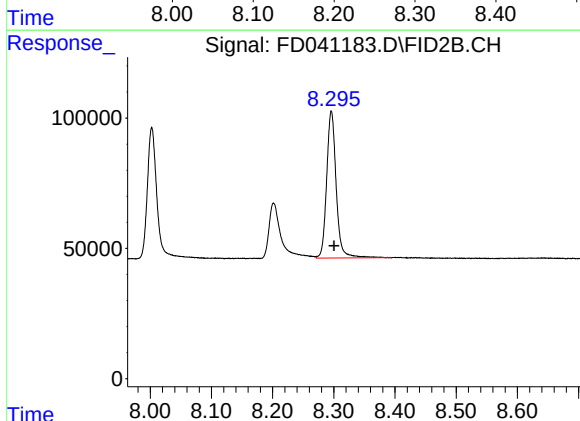
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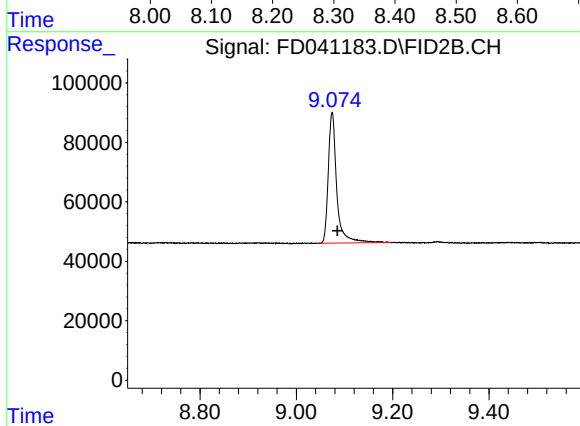
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.018 min
Response: 289386
Conc: 22.59 ug/ml



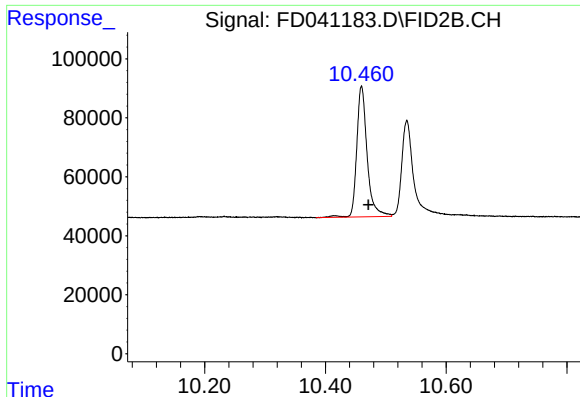
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 611045
Conc: 20.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 532778
Conc: 21.41 ug/ml



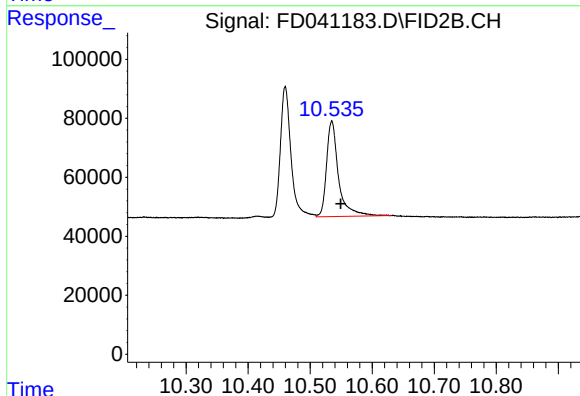
#9 Phenanthrene (C19.36)

R.T.: 10.460 min
Delta R.T.: -0.011 min
Response: 530252
Conc: 21.52 ug/ml

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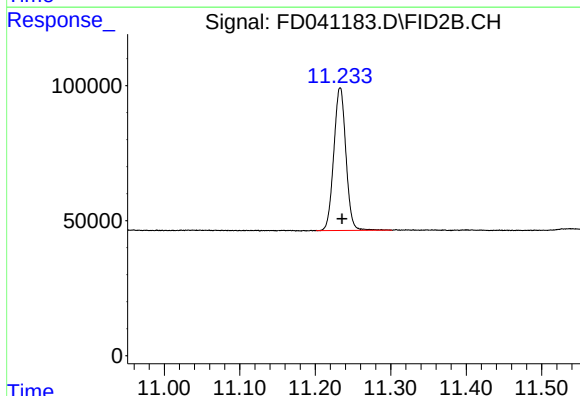
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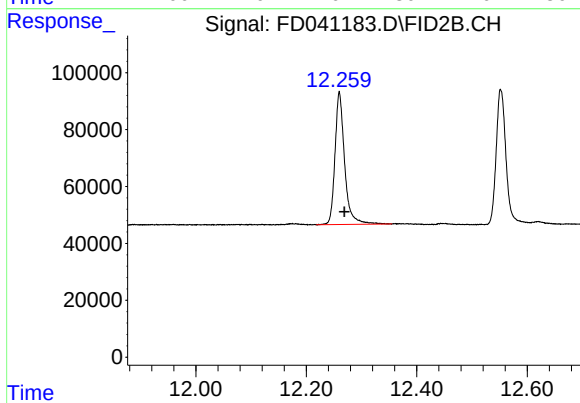
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.014 min
Response: 434899
Conc: 16.67 ug/ml



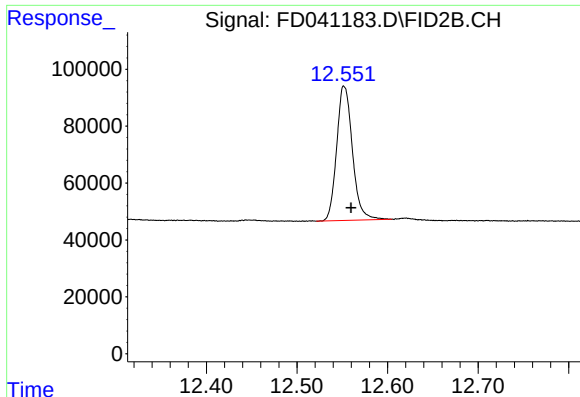
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 587871
Conc: 20.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 563496
Conc: 21.15 ug/ml



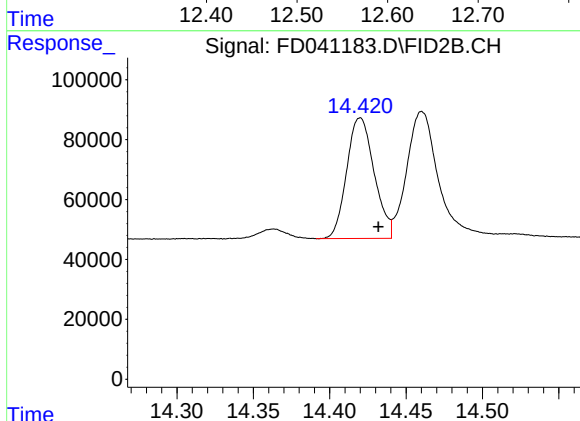
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 569478
Conc: 21.05 ug/ml

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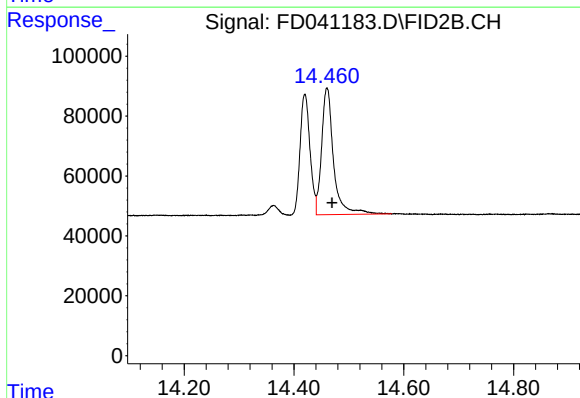
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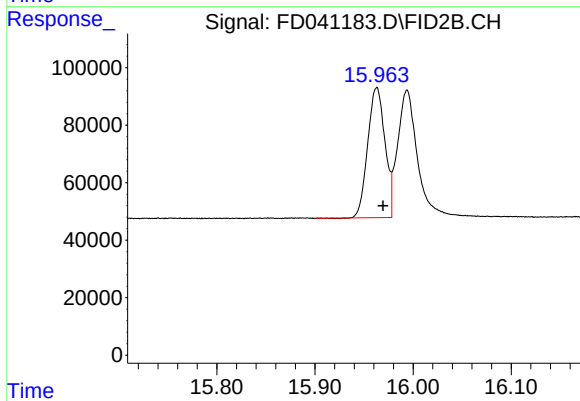
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.012 min
Response: 504242
Conc: 22.63 ug/ml



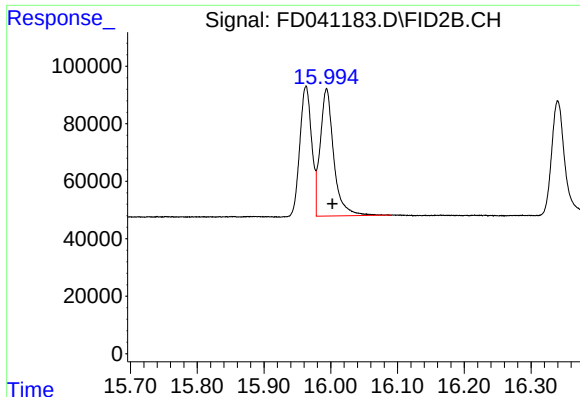
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: -0.009 min
Response: 640566
Conc: 20.35 ug/ml



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

R.T.: 15.963 min
Delta R.T.: -0.007 min
Response: 550570
Conc: 22.13 ug/ml



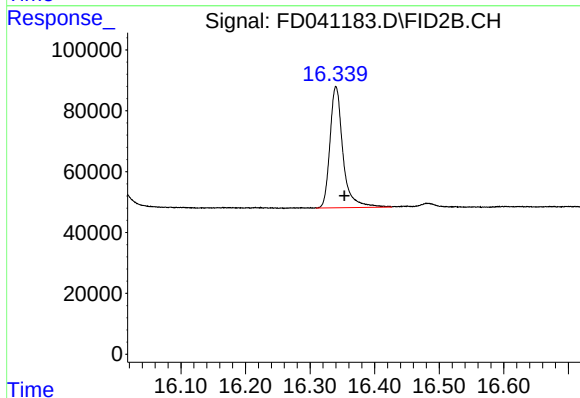
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: -0.009 min
Response: 623802
Conc: 20.44 ug/ml

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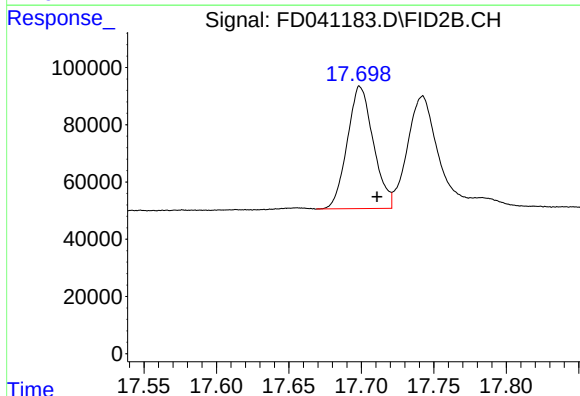
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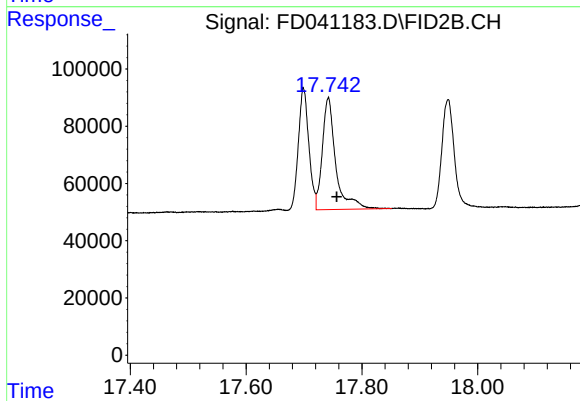
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: -0.014 min
Response: 557864
Conc: 21.88 ug/ml m



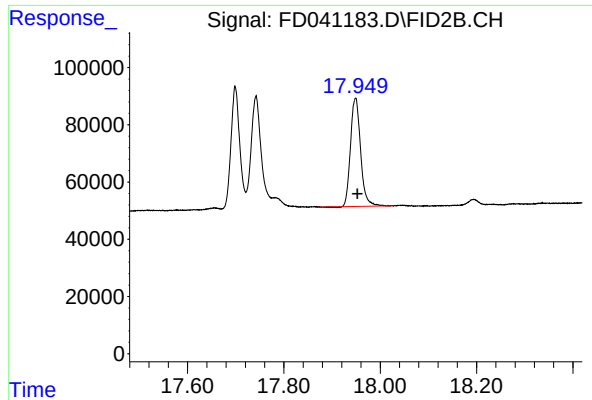
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 534366
Conc: 22.64 ug/ml



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

R.T.: 17.742 min
Delta R.T.: -0.014 min
Response: 630620
Conc: 21.28 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.004 min
Response: 550969
Conc: 20.75 ug/ml

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