

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020922AR\
 Data File : FD040939.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2022 00:41
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 10 01:10:11 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...	7.358	459940	21.758 ug/ml
Spiked Amount 50.000		Recovery =	43.52%
6) S 2-Fluorobiphenyl (SURR)	8.208	273140	21.317 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.63%
11) S ortho-Terphenyl (SURR)	11.234	601648	20.734 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	524089	20.652 ug/ml
2) T Naphthalene (C11.7)	5.700	483528	20.821 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	514558	21.763 ug/ml
5) T Acenaphthylene (C15.06)	8.006	554933	20.680 ug/ml
7) T Acenaphthene (C15.5)	8.298	637499	21.162 ug/ml
8) T Fluorene (C16.55)	9.078	522376	20.994 ug/ml
9) T Phenanthrene (C19.36)	10.463	527443	21.405 ug/ml
10) T Anthracene (C19.43)	10.538	541111	20.742 ug/ml
12) T Fluoranthene (C21.85)	12.262	575067	21.587 ug/ml
13) T Pyrene (C20.8)	12.553	571135	21.111 ug/ml
14) T Benzo[a]anthracene (C...	14.421	473379	21.249 ug/ml
15) T Chrysene (C27.41)	14.461	666673	21.182 ug/ml
16) T benzo[b]fluoranthene ...	15.961	530267	21.314 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	650903	21.328 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	545911	21.415 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.697	502044	21.271 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	638282	21.542 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	550180	20.719 ug/ml

(f)=RT Delta > 1/2 Window

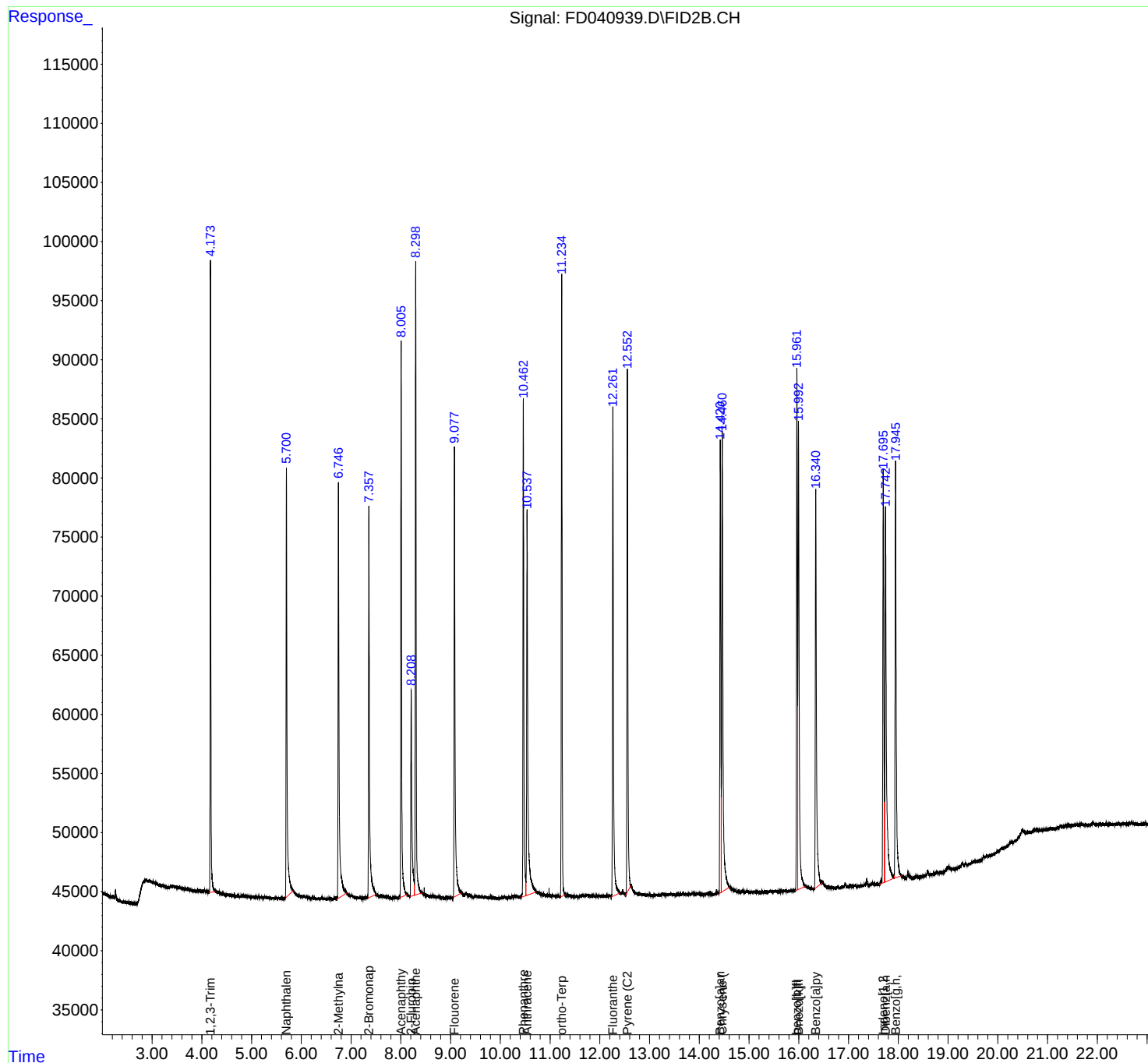
(m)=manual int.

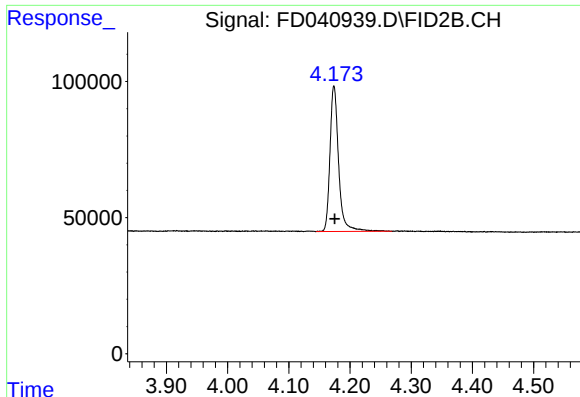
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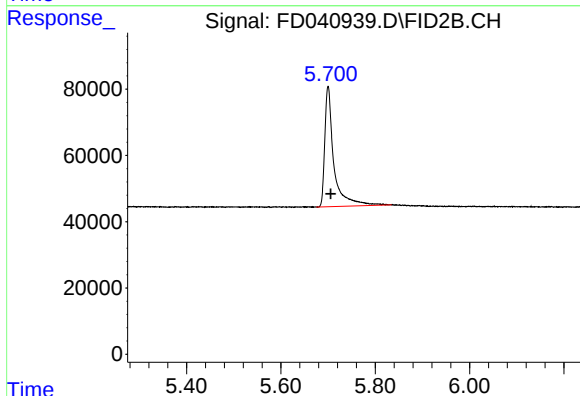




#1 1,2,3-Trimethylbenzene (C10.1)

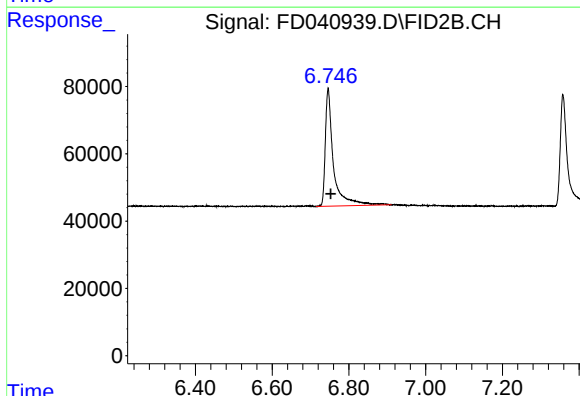
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 524089
Conc: 20.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



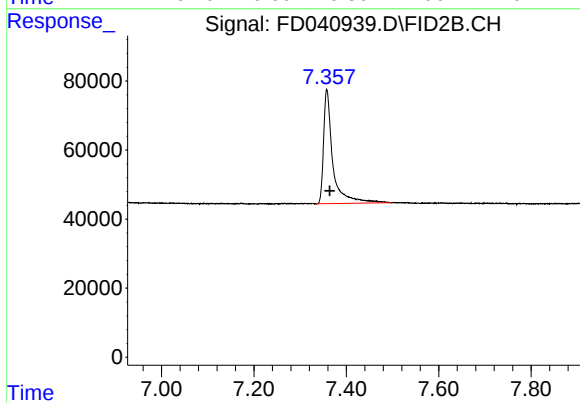
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.005 min
Response: 483528
Conc: 20.82 ug/ml



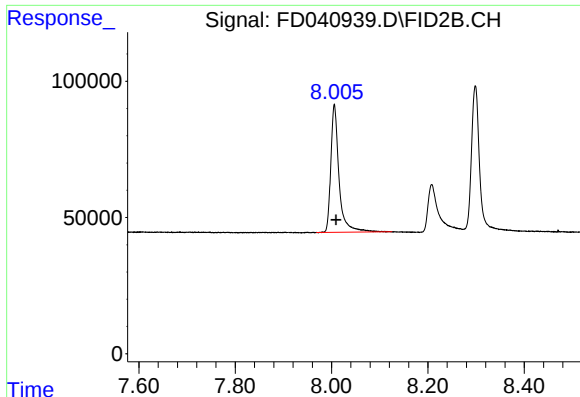
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 514558
Conc: 21.76 ug/ml



#4 2-Bromonaphthalene (SURR)

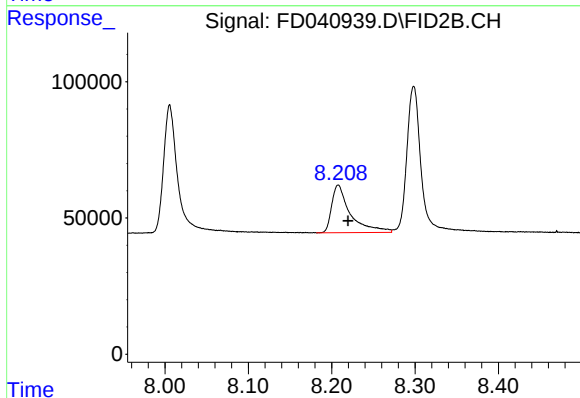
R.T.: 7.358 min
Delta R.T.: -0.006 min
Response: 459940
Conc: 21.76 ug/ml



#5 Acenaphthylene (C15.06)

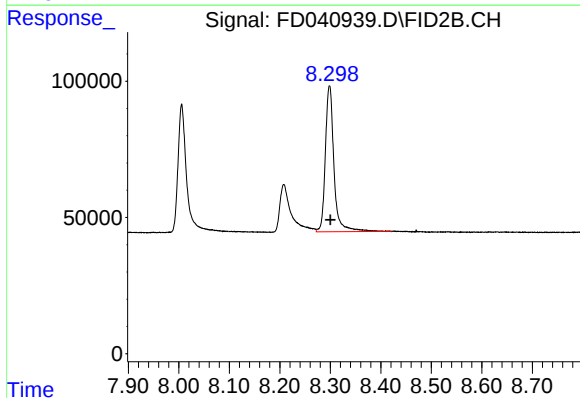
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 554933
Conc: 20.68 ug/ml

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20 PPM AROMATIC HC STD



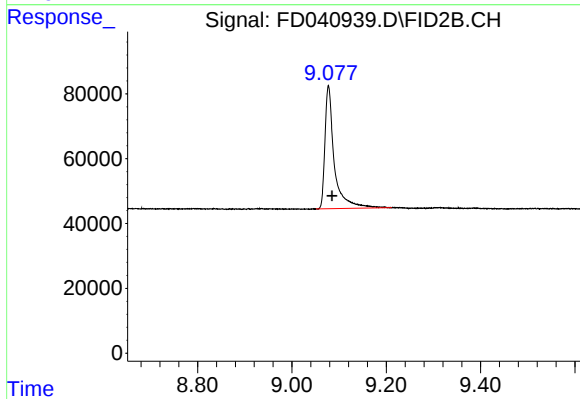
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.208 min
Delta R.T.: -0.011 min
Response: 273140
Conc: 21.32 ug/ml



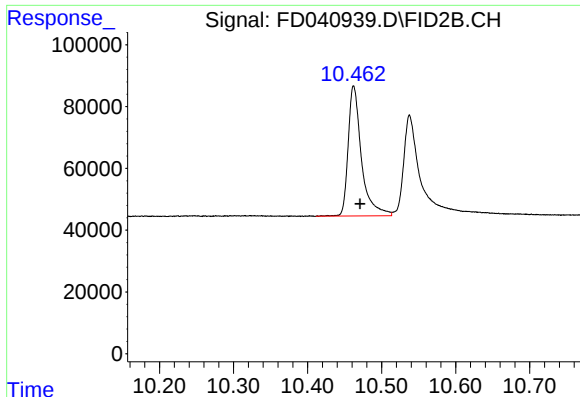
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 637499
Conc: 21.16 ug/ml



#8 Fluorene (C16.55)

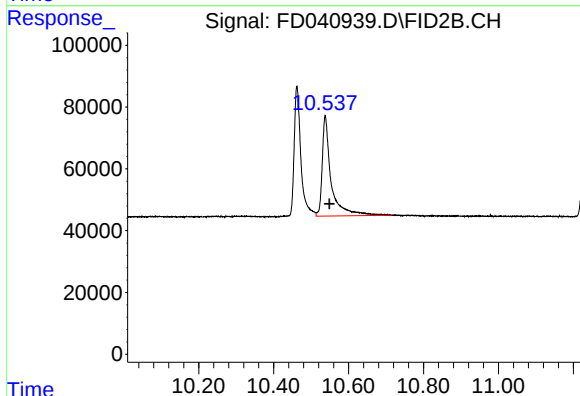
R.T.: 9.078 min
Delta R.T.: -0.007 min
Response: 522376
Conc: 20.99 ug/ml



#9 Phenanthrene (C19.36)

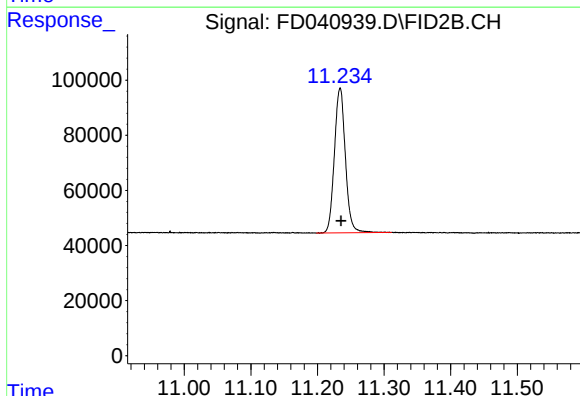
R.T.: 10.463 min
Delta R.T.: -0.008 min
Response: 527443
Conc: 21.41 ug/ml

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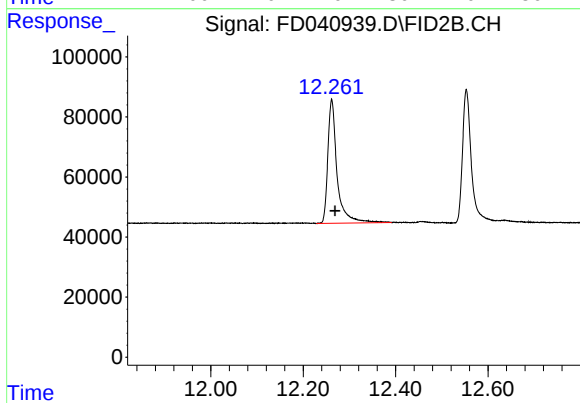
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.011 min
Response: 541111
Conc: 20.74 ug/ml



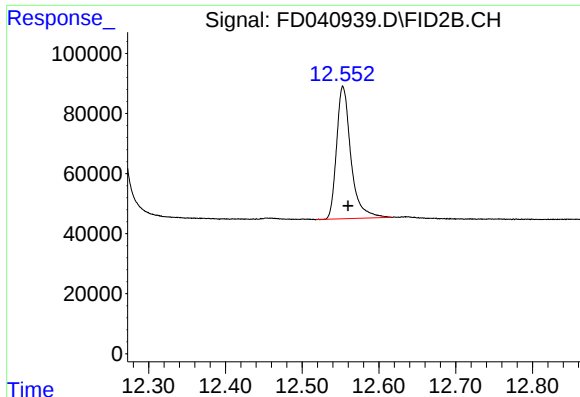
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.002 min
Response: 601648
Conc: 20.73 ug/ml



#12 Fluoranthene (C21.85)

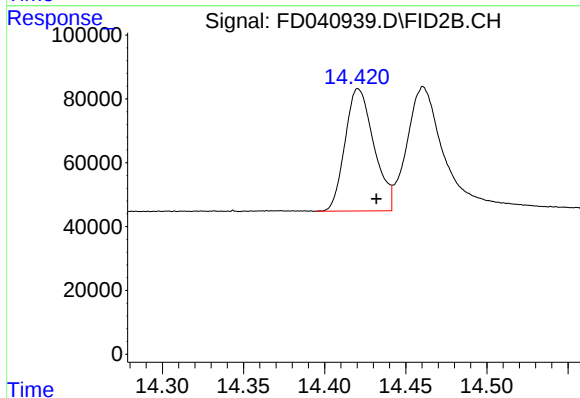
R.T.: 12.262 min
Delta R.T.: -0.007 min
Response: 575067
Conc: 21.59 ug/ml



#13 Pyrene (C20.8)

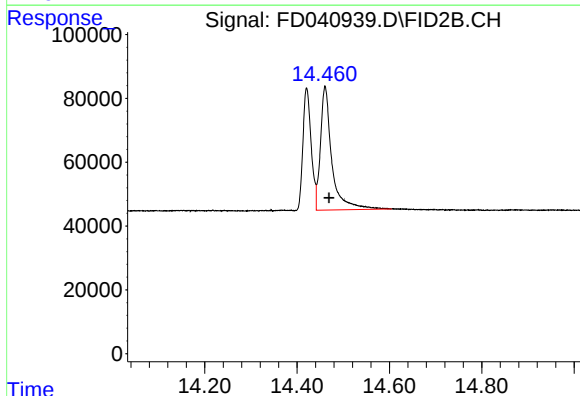
R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 571135
Conc: 21.11 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



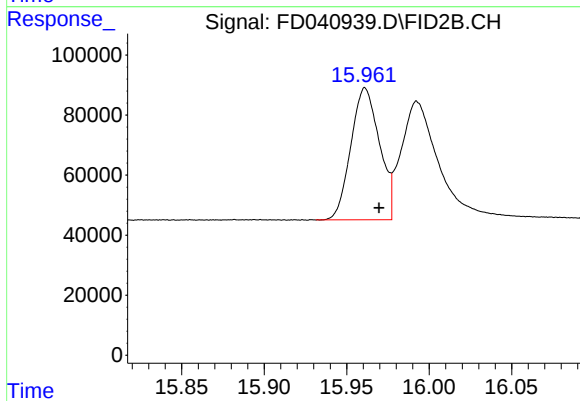
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.011 min
Response: 473379
Conc: 21.25 ug/ml



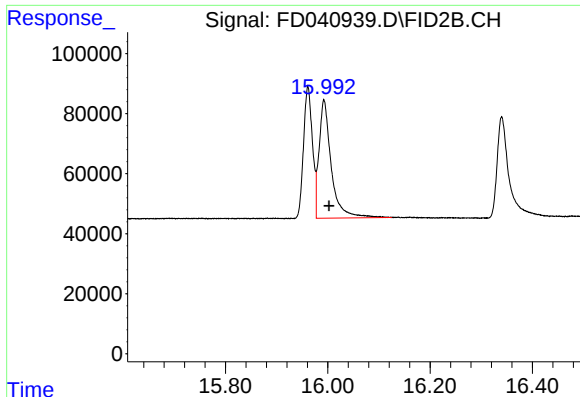
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.008 min
Response: 666673
Conc: 21.18 ug/ml



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

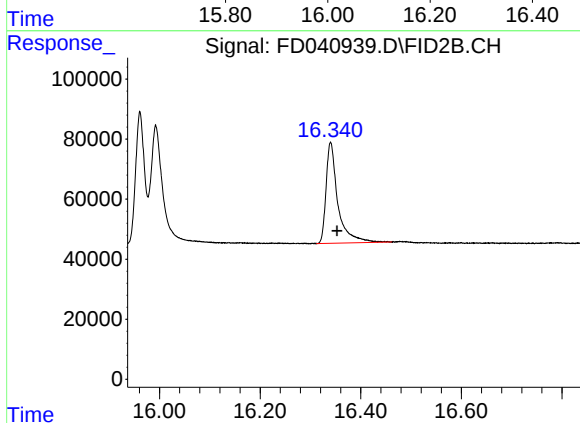
R.T.: 15.961 min
Delta R.T.: -0.008 min
Response: 530267
Conc: 21.31 ug/ml



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

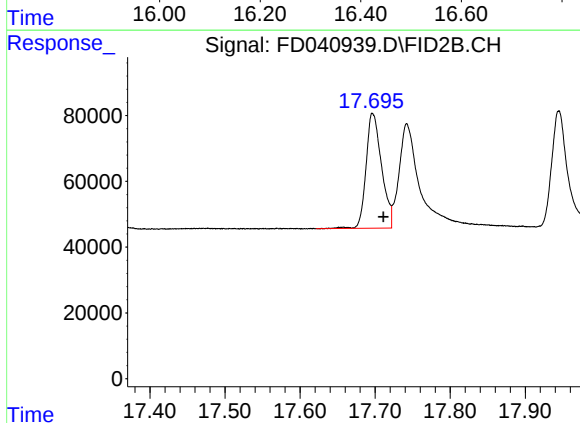
R.T.: 15.993 min
Delta R.T.: -0.010 min
Response: 650903
Conc: 21.33 ug/ml

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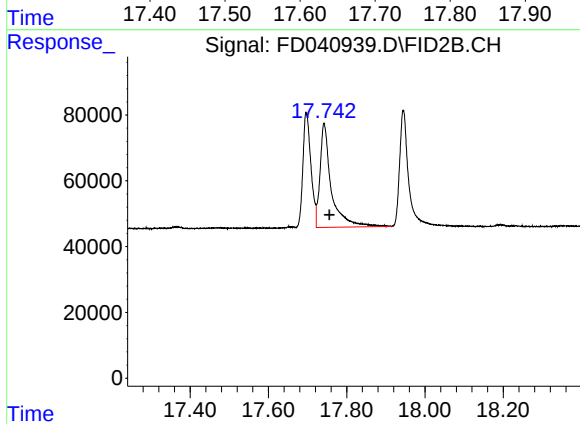
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.013 min
Response: 545911
Conc: 21.41 ug/ml



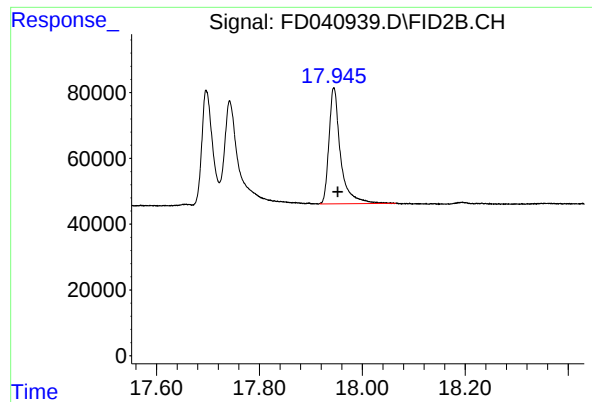
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.697 min
Delta R.T.: -0.014 min
Response: 502044
Conc: 21.27 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 638282
Conc: 21.54 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.008 min
Response: 550180
Conc: 20.72 ug/ml

Instrument :

FID_D

ClientSampleId :

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