

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042109.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 19:42
 Operator : UA/NP
 Sample : PB144334BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144334BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2022

Supervised By :mohammad ahmed 04/27/2022

Integration File: autoint1.e

Quant Time: Apr 27 00:38:55 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:32:22 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...	7.330	6152084	43.891 ug/ml
Spiked Amount 50.000		Recovery =	87.78%
6) S 2-Fluorobiphenyl (SURR)	8.179	3920961	55.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.06%
11) S ortho-Terphenyl (SURR)	11.208	6718067	38.759 ug/ml
Spiked Amount 50.000		Recovery =	77.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	5267857	33.838 ug/mlm
2) T Naphthalene (C11.7)	5.673	6075014	38.511 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	6007904	41.547 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6256855	37.966 ug/ml
7) T Acenaphthene (C15.5)	8.275	7142517	38.044 ug/ml
8) T Flouorene (C16.55)	9.052	6869645	45.101 ug/ml
9) T Phenanthrene (C19.36)	10.439	7020983	47.283 ug/ml
10) T Anthracene (C19.43)	10.515	7296285	43.583 ug/ml
12) T Fluoranthene (C21.85)	12.242	7161692	45.657 ug/ml
13) T Pyrene (C20.8)	12.535	7011039	42.985 ug/ml
14) T Benzo[a]anthracene (C...	14.405	6354663	53.124 ug/ml
15) T Chrysene (C27.41)	14.447	6340694	34.561 ug/ml
16) T benzo[b]fluoranthene ...	15.954	6203503	47.247 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	6779690	39.215 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	5683397	38.520 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	5741629	57.524 ug/mlm
20) T Dibenz[a,h]anthracene...	17.735	6455114	41.127 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	6243000	45.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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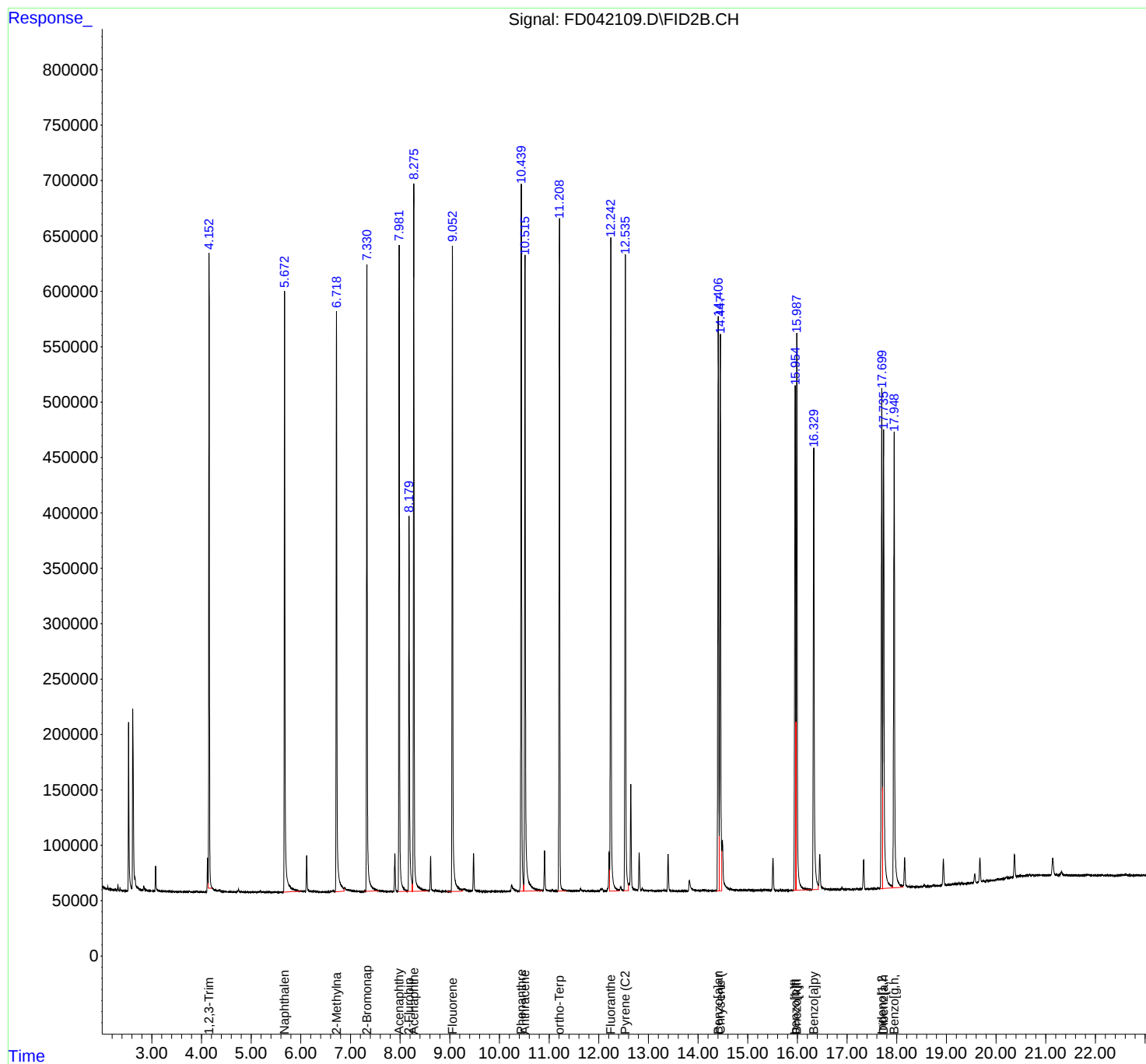
Instrument :
FID_D
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PB144334BS

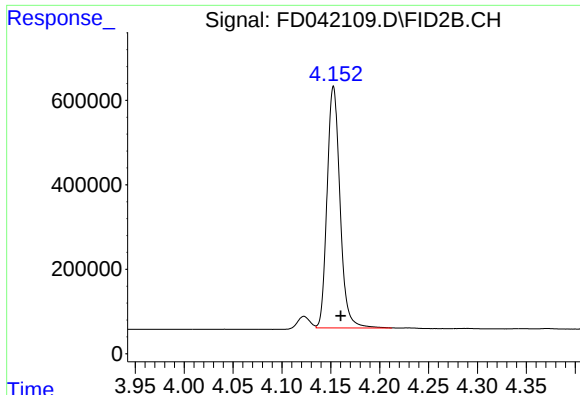
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 5267857
Conc: 33.84 ug/ml

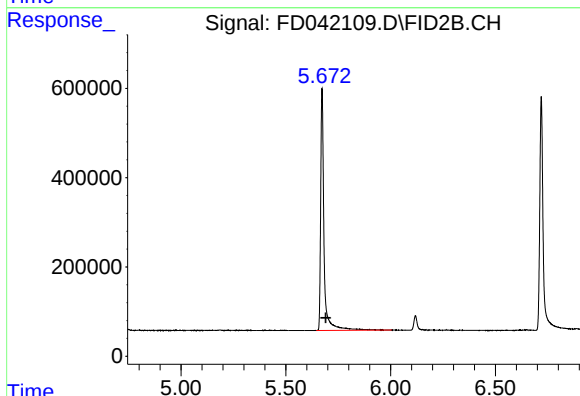
Instrument :

FID_D

ClientSampleId :
PB144334BS

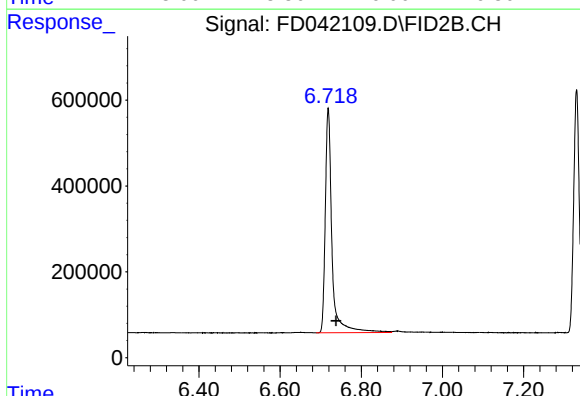
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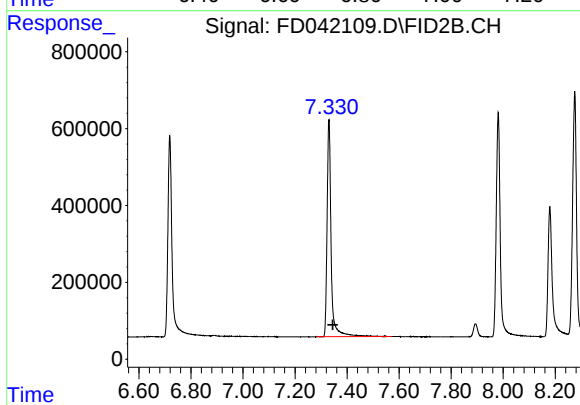
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 6075014
Conc: 38.51 ug/ml



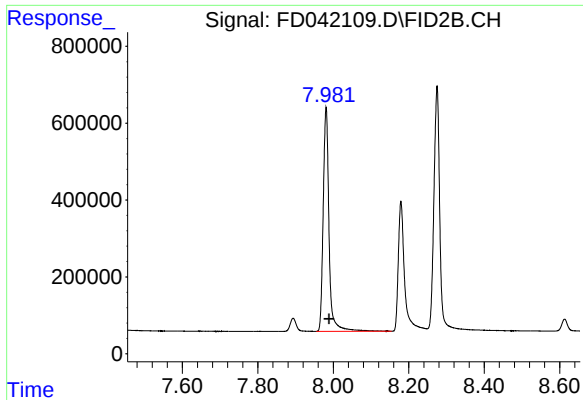
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.019 min
Response: 6007904
Conc: 41.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.014 min
Response: 6152084
Conc: 43.89 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 6256855
Conc: 37.97 ug/ml

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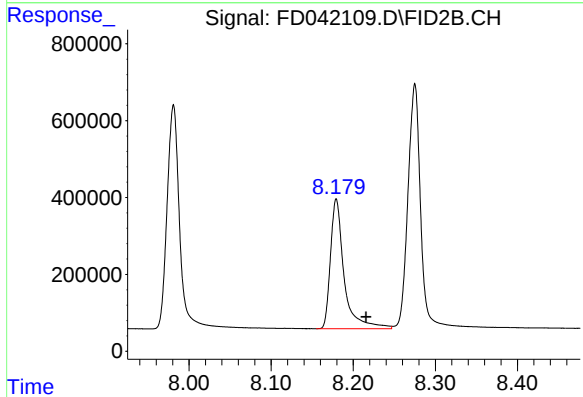
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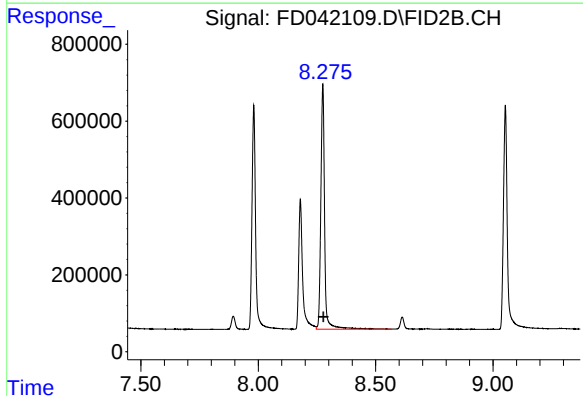
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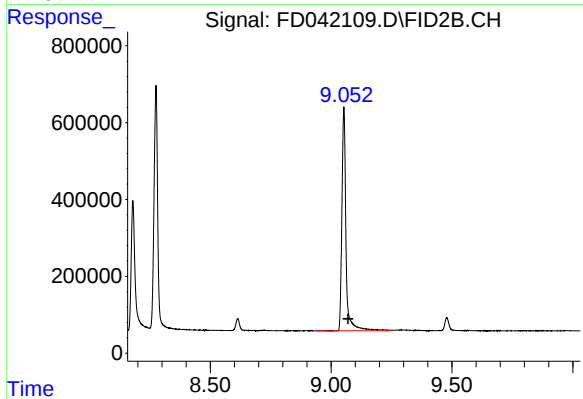
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.036 min
Response: 3920961
Conc: 55.03 ug/ml



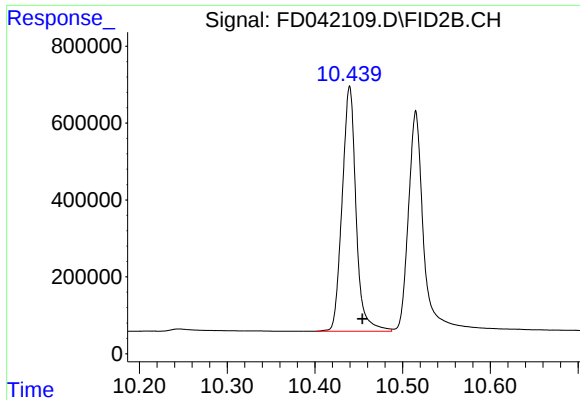
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 7142517
Conc: 38.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.052 min
Delta R.T.: -0.017 min
Response: 6869645
Conc: 45.10 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.015 min
Response: 7020983
Conc: 47.28 ug/ml

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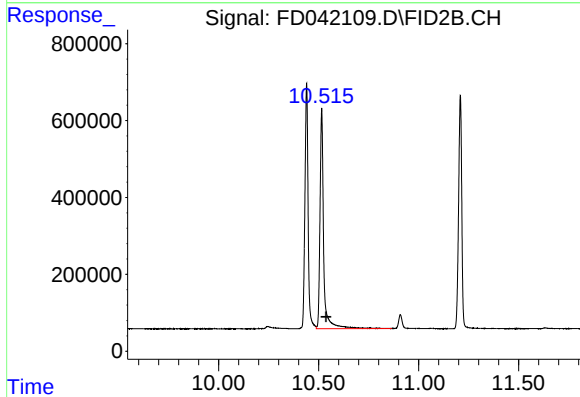
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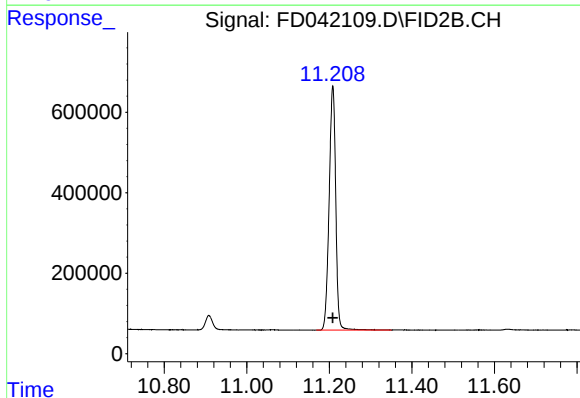
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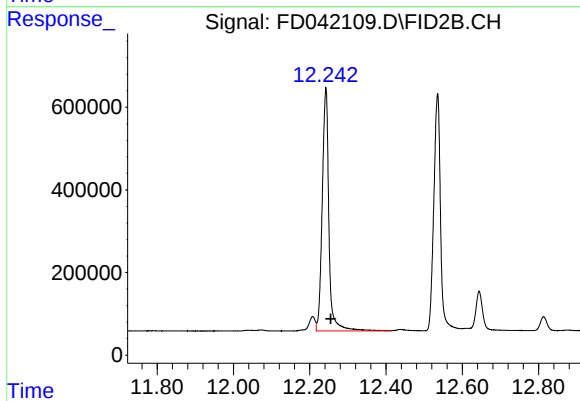
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 7296285
Conc: 43.58 ug/ml



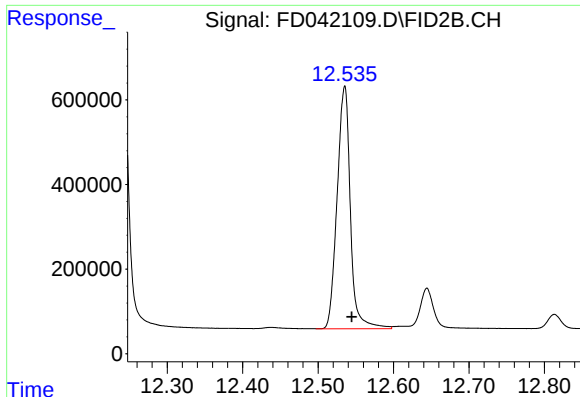
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 6718067
Conc: 38.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.013 min
Response: 7161692
Conc: 45.66 ug/ml



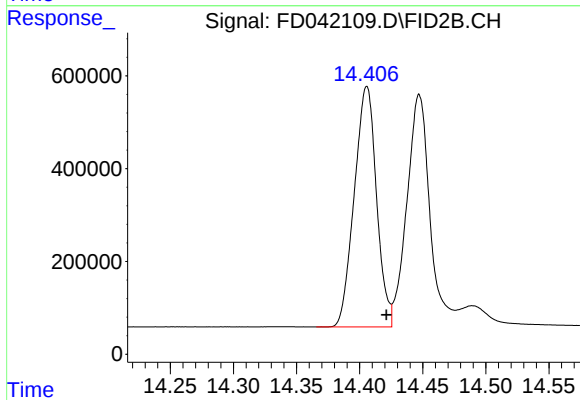
#13 Pyrene (C20.8)

R.T.: 12.535 min
Delta R.T.: -0.010 min
Response: 7011039
Conc: 42.98 ug/ml

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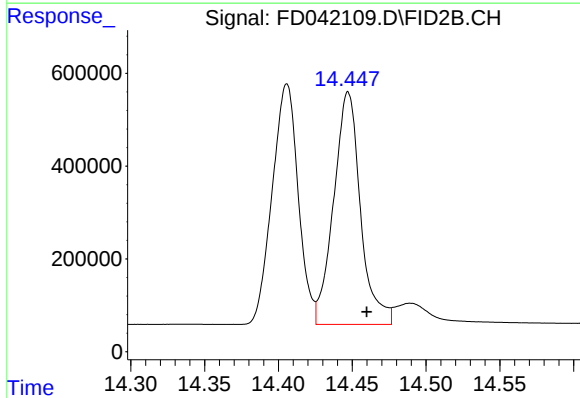
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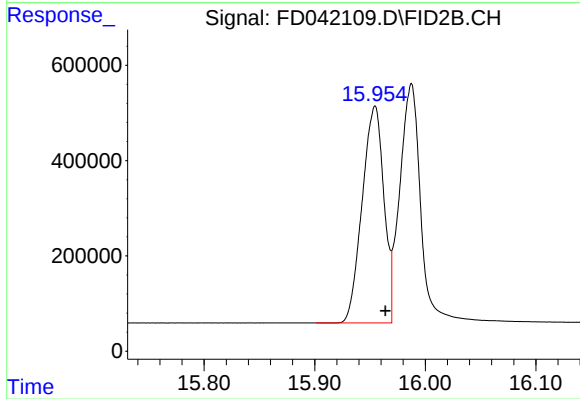
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.016 min
Response: 6354663
Conc: 53.12 ug/ml



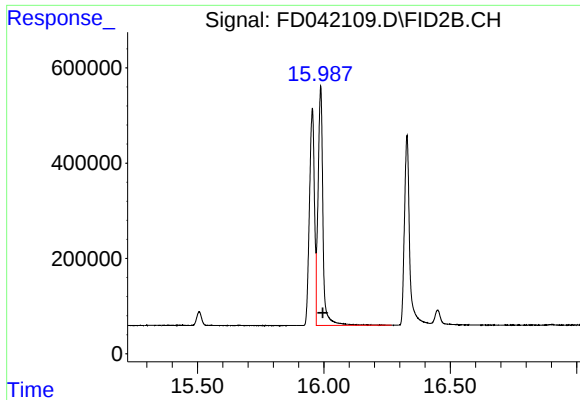
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.013 min
Response: 6340694
Conc: 34.56 ug/ml



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

R.T.: 15.954 min
Delta R.T.: -0.010 min
Response: 6203503
Conc: 47.25 ug/ml



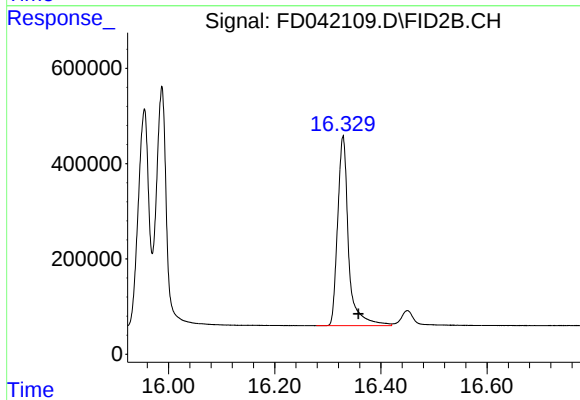
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.008 min
Response: 6779690
Conc: 39.21 ug/ml

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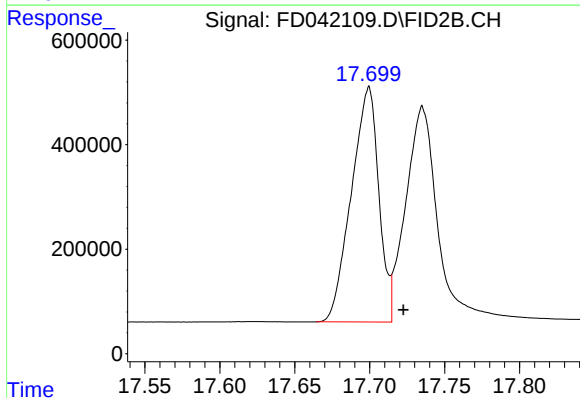
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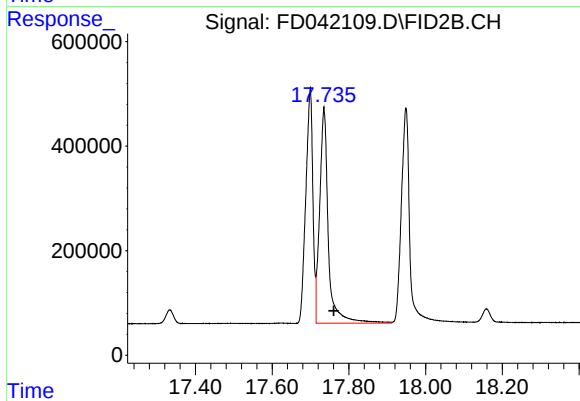
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.329 min
Delta R.T.: -0.029 min
Response: 5683397
Conc: 38.52 ug/ml



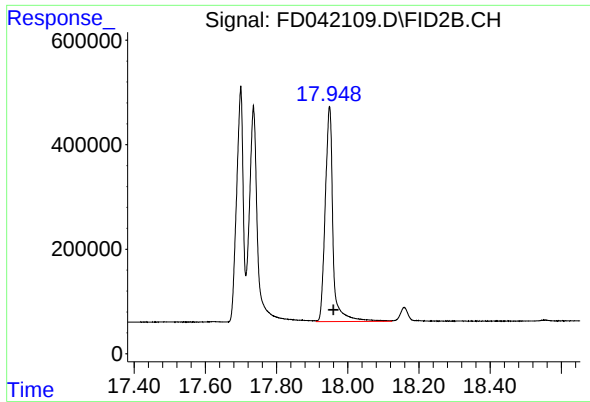
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.023 min
Response: 5741629
Conc: 57.52 ug/ml m



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

R.T.: 17.735 min
Delta R.T.: -0.026 min
Response: 6455114
Conc: 41.13 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.012 min
Response: 6243000
Conc: 45.08 ug/ml

Instrument :

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