

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011322AR\
 Data File : FD040590.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2022 11:50
 Operator : AJ\MA
 Sample : PB141996BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141996BS

Integration File: autoint1.e
 Quant Time: Jan 13 12:21:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.738	6941855	48.537 ug/ml
Spiked Amount 50.000		Recovery =	97.07%
6) S 2-Fluorobiphenyl (SURR)	7.587	4716929	49.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.07%
11) S ortho-Terphenyl (SURR)	10.623	6832327	43.719 ug/ml
Spiked Amount 50.000		Recovery =	87.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.595	5377414	34.765 ug/ml
2) T Naphthalene (C11.7)	5.087	6194059	38.701 ug/ml
3) T 2-Methylnaphthalene (...)	6.128	6258930	38.558 ug/ml
5) T Acenaphthylene (C15.06)	7.392	6649696	44.237 ug/ml
7) T Acenaphthene (C15.5)	7.687	7088030	43.975 ug/ml
8) T Fluorene (C16.55)	8.464	7075001	45.519 ug/ml
9) T Phenanthrene (C19.36)	9.851	7188058	46.723 ug/ml
10) T Anthracene (C19.43)	9.926	7041464	48.196 ug/ml
12) T Fluoranthene (C21.85)	11.655	7482804	48.190 ug/ml
13) T Pyrene (C20.8)	11.948	6965939	46.149 ug/ml
14) T Benzo[a]anthracene (C...	13.817	6475157	48.809 ug/ml
15) T Chrysene (C27.41)	13.860	6349364	43.419 ug/ml
16) T benzo[b]fluoranthene ...	15.361	6566656	48.057 ug/ml
17) T Bnezo[k]fluoranthene ...	15.397	6280661	45.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.738	6142948	47.126 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.101	5962510	48.932 ug/ml
20) T Dibenz[a,h]anthracene...	17.142	6018154	49.476 ug/ml
21) T Benzo[g,h,i]perylene ...	17.356	6144696	47.854 ug/ml

(f)=RT Delta > 1/2 Window

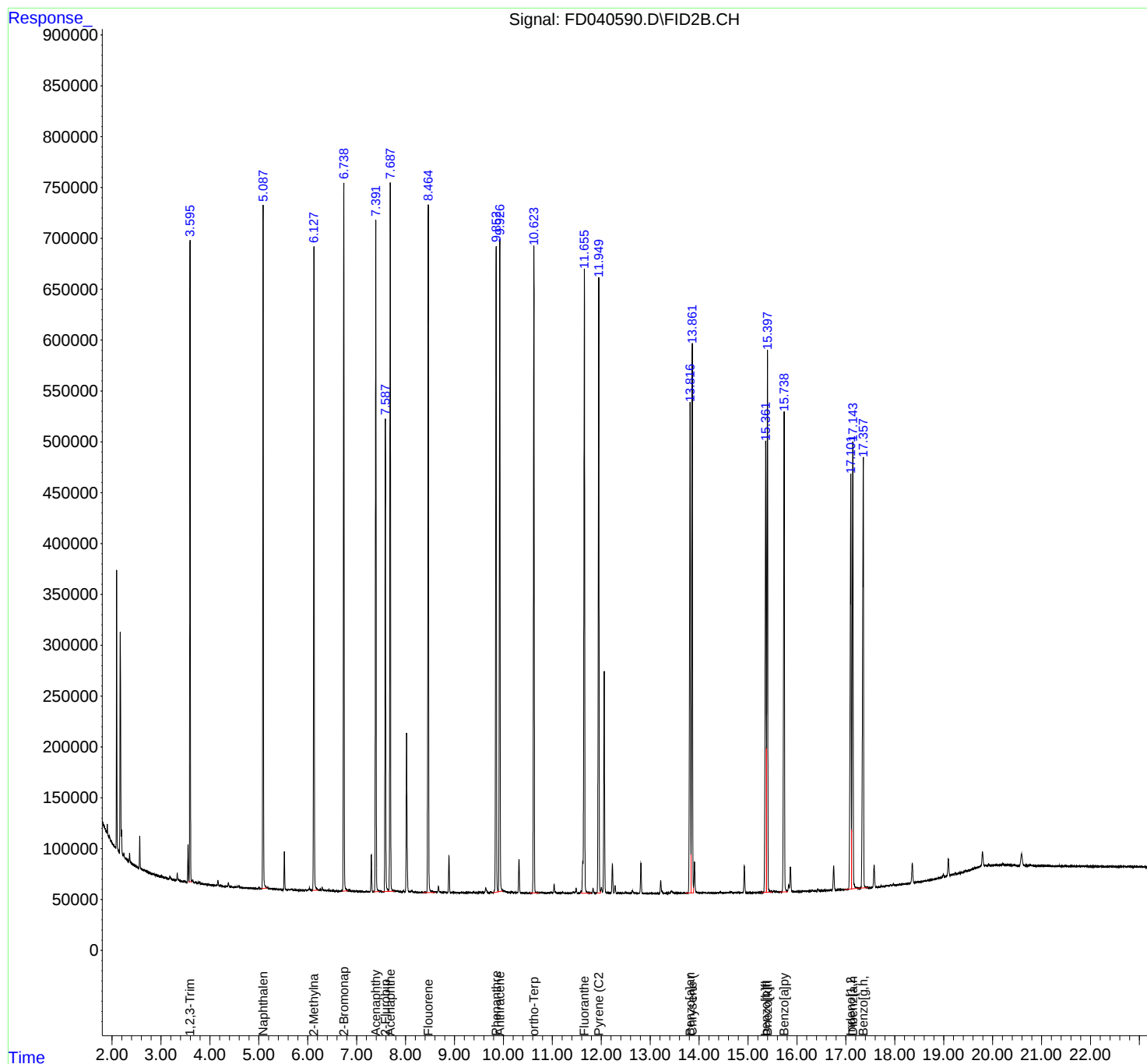
(m)=manual int.

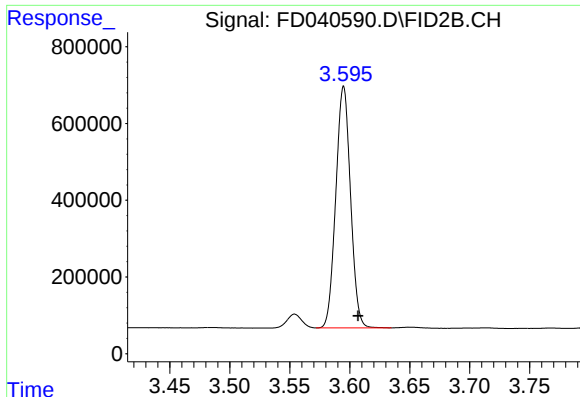
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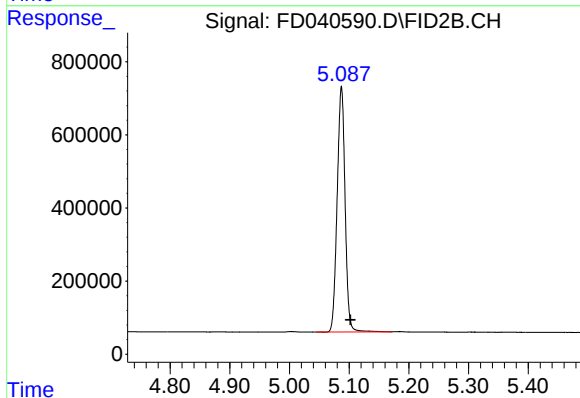




#1 1,2,3-Trimethylbenzene (C10.1)

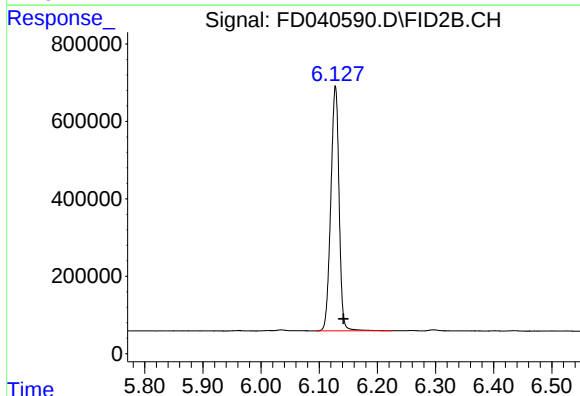
R.T.: 3.595 min
Delta R.T.: -0.012 min
Response: 5377414
Conc: 34.76 ug/ml

Instrument :
FID_D
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PB141996BS



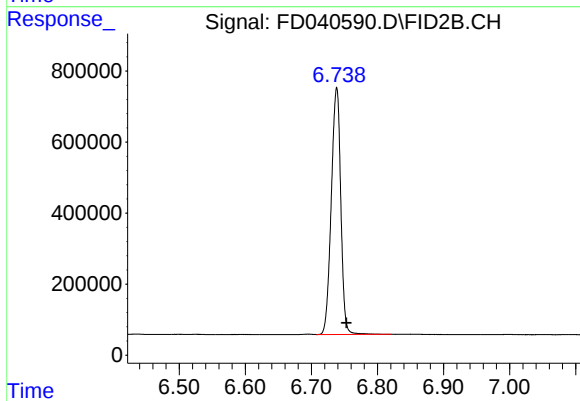
#2 Naphthalene (C11.7)

R.T.: 5.087 min
Delta R.T.: -0.015 min
Response: 6194059
Conc: 38.70 ug/ml



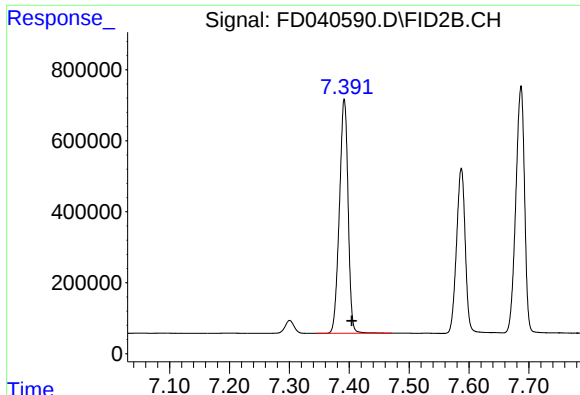
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.128 min
Delta R.T.: -0.014 min
Response: 6258930
Conc: 38.56 ug/ml



#4 2-Bromonaphthalene (SURR)

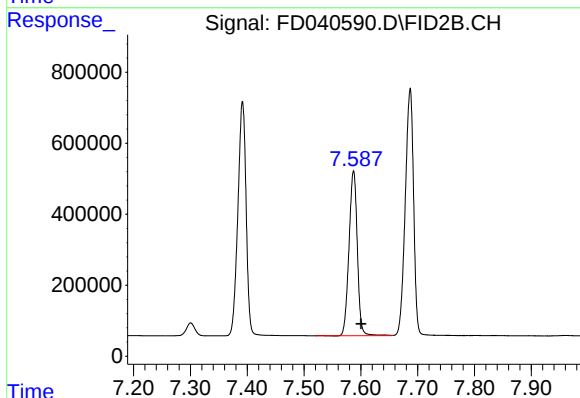
R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 6941855
Conc: 48.54 ug/ml



#5 Acenaphthylene (C15.06)

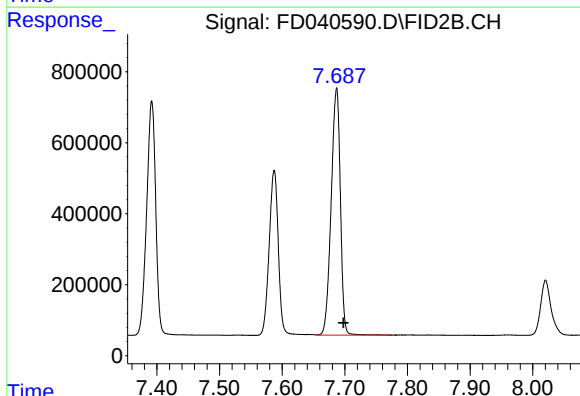
R.T.: 7.392 min
Delta R.T.: -0.013 min
Response: 6649696
Conc: 44.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB141996BS



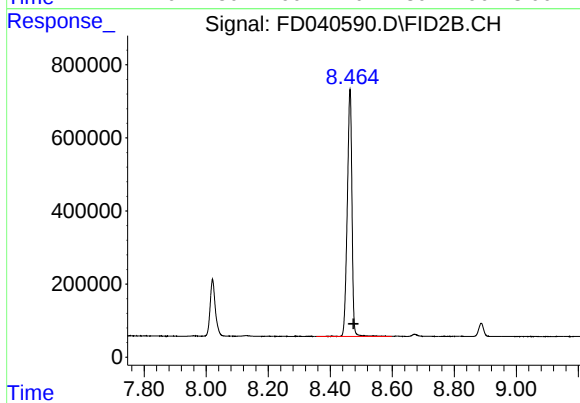
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.587 min
Delta R.T.: -0.014 min
Response: 4716929
Conc: 49.54 ug/ml



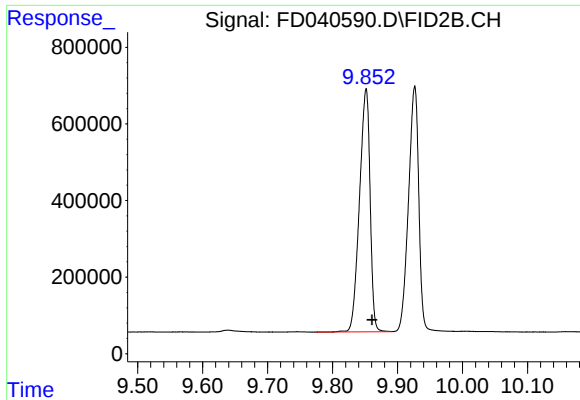
#7 Acenaphthene (C15.5)

R.T.: 7.687 min
Delta R.T.: -0.011 min
Response: 7088030
Conc: 43.98 ug/ml



#8 Flouorene (C16.55)

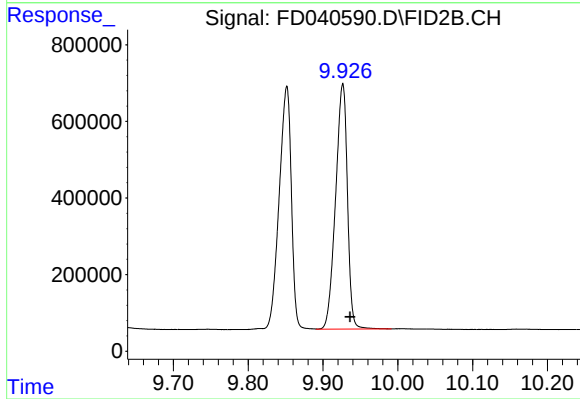
R.T.: 8.464 min
Delta R.T.: -0.011 min
Response: 7075001
Conc: 45.52 ug/ml



#9 Phenanthrene (C19.36)

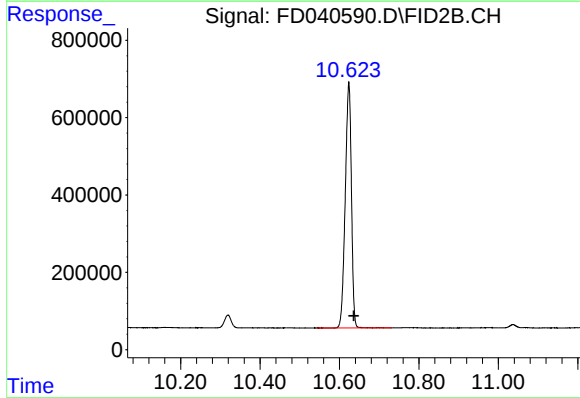
R.T.: 9.851 min
Delta R.T.: -0.010 min
Response: 7188058
Conc: 46.72 ug/ml

Instrument :
FID_D
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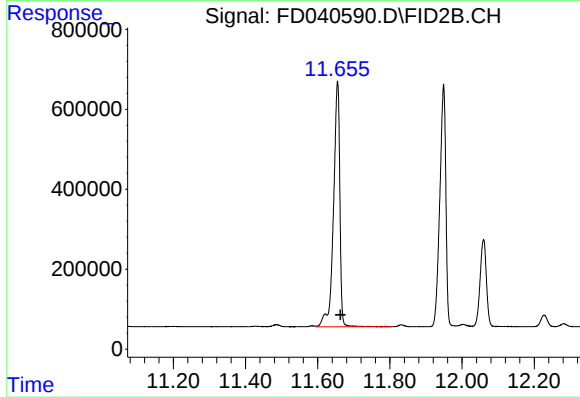
#10 Anthracene (C19.43)

R.T.: 9.926 min
Delta R.T.: -0.010 min
Response: 7041464
Conc: 48.20 ug/ml



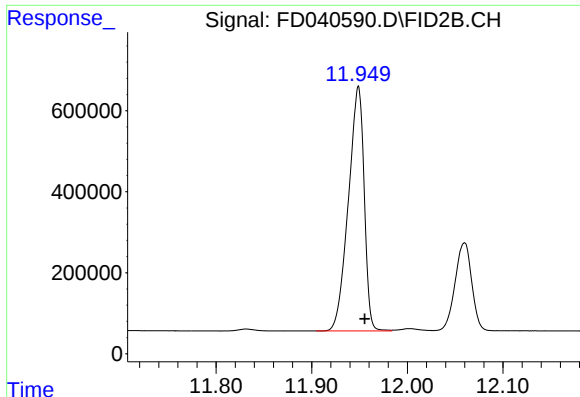
#11 ortho-Terphenyl (SURR)

R.T.: 10.623 min
Delta R.T.: -0.012 min
Response: 6832327
Conc: 43.72 ug/ml



#12 Fluoranthene (C21.85)

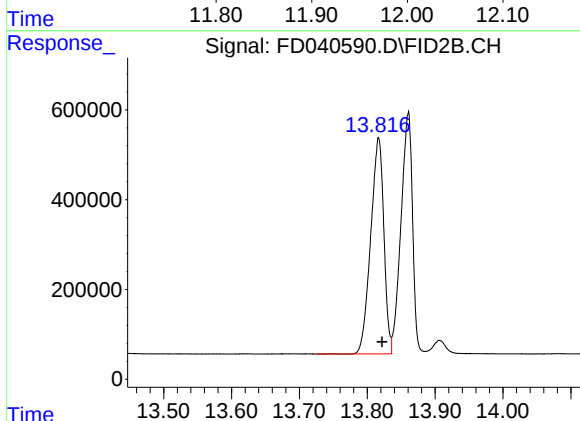
R.T.: 11.655 min
Delta R.T.: -0.008 min
Response: 7482804
Conc: 48.19 ug/ml



#13 Pyrene (C20.8)

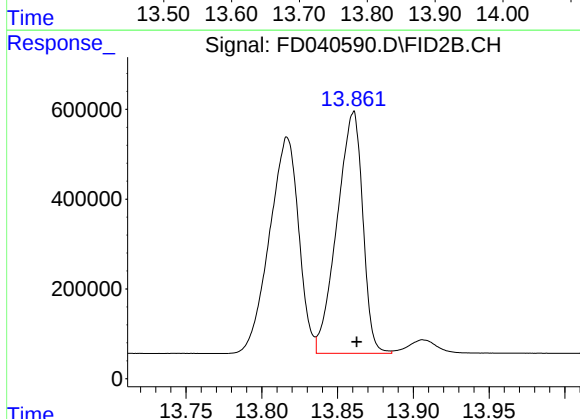
R.T.: 11.948 min
Delta R.T.: -0.007 min
Response: 6965939
Conc: 46.15 ug/ml

Instrument :
FID_D
ClientSampleId :
PB141996BS



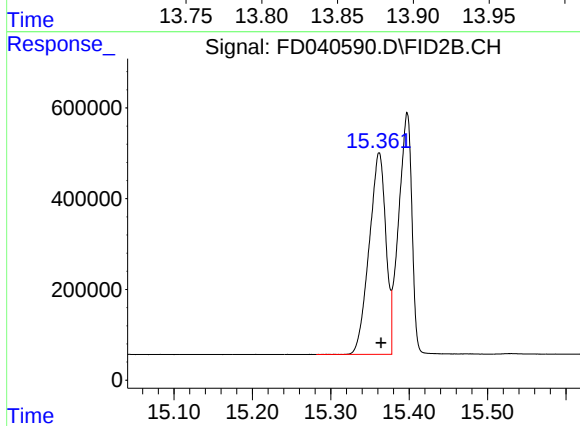
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.817 min
Delta R.T.: -0.005 min
Response: 6475157
Conc: 48.81 ug/ml



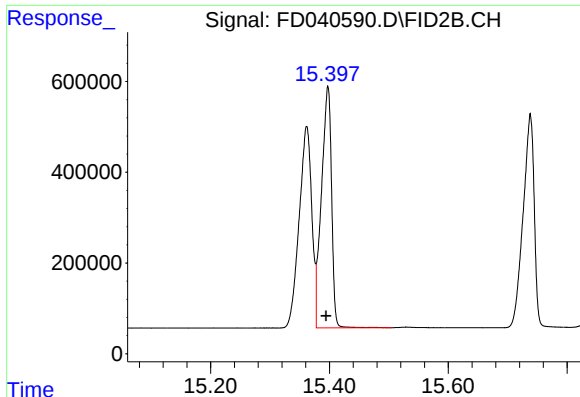
#15 Chrysene (C27.41)

R.T.: 13.860 min
Delta R.T.: -0.003 min
Response: 6349364
Conc: 43.42 ug/ml



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

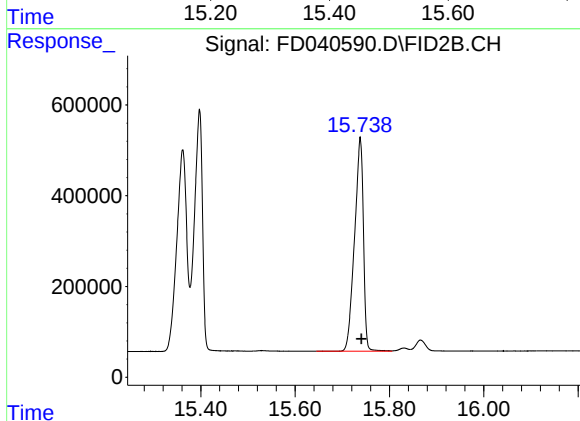
R.T.: 15.361 min
Delta R.T.: -0.002 min
Response: 6566656
Conc: 48.06 ug/ml



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

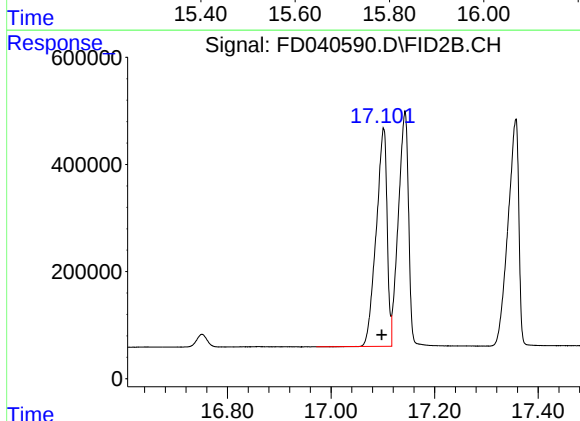
R.T.: 15.397 min
Delta R.T.: 0.002 min
Response: 6280661
Conc: 45.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB141996BS



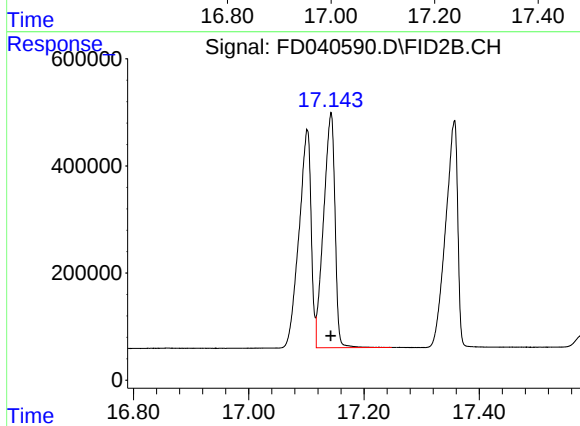
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.738 min
Delta R.T.: -0.003 min
Response: 6142948
Conc: 47.13 ug/ml



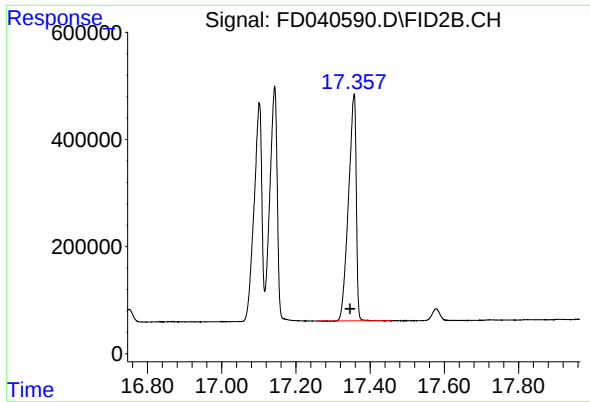
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.101 min
Delta R.T.: 0.003 min
Response: 5962510
Conc: 48.93 ug/ml



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

R.T.: 17.142 min
Delta R.T.: 0.000 min
Response: 6018154
Conc: 49.48 ug/ml



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

R.T.: 17.356 min
Delta R.T.: 0.009 min
Response: 6144696
Conc: 47.85 ug/ml

Instrument :

FID_D

ClientSampleId :

PB141996BS