

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045152.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 08:27
 Operator : YP/AJ
 Sample : PB151035BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB151035BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e

Quant Time: Feb 25 03:00:09 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M

Quant Title : GC Extractables

QLast Update : Wed Feb 22 04:55:52 2023

Response via : Initial Calibration

Integrator: ChemStation

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...	7.556	6997204	52.171 ug/ml
Spiked Amount 50.000		Recovery =	104.34%
6) S 2-Fluorobiphenyl (SURR)	8.412	4589949	51.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.43%
11) S ortho-Terphenyl (SURR)	11.452	6758768	40.185 ug/ml
Spiked Amount 50.000		Recovery =	80.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	5206723	34.778 ug/ml
2) T Naphthalene (C11.7)	5.894	5974252	38.051 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	5997387	38.334 ug/ml
5) T Acenaphthylene (C15.06)	8.216	6327064	44.312 ug/ml
7) T Acenaphthene (C15.5)	8.512	6325619	41.948 ug/ml
8) T Fluorene (C16.55)	9.291	6370095	43.217 ug/ml
9) T Phenanthrene (C19.36)	10.682	6318921	43.651 ug/ml
10) T Anthracene (C19.43)	10.757	6228809	46.006 ug/ml
12) T Fluoranthene (C21.85)	12.488	6221445	43.406 ug/ml
13) T Pyrene (C20.8)	12.784	6153552	43.946 ug/ml
14) T Benzo[a]anthracene (C...	14.648	5753620	45.226 ug/ml
15) T Chrysene (C27.41)	14.692	5727961	43.259 ug/ml
16) T benzo[b]fluoranthene ...	16.191	5711861	43.552 ug/ml
17) T Bnezo[k]fluoranthene ...	16.227	5464016	42.135 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	5106843	39.786 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.927	5505920	43.835 ug/mlm
20) T Dibenz[a,h]anthracene...	17.968	5239914	42.842 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	5397790	42.546 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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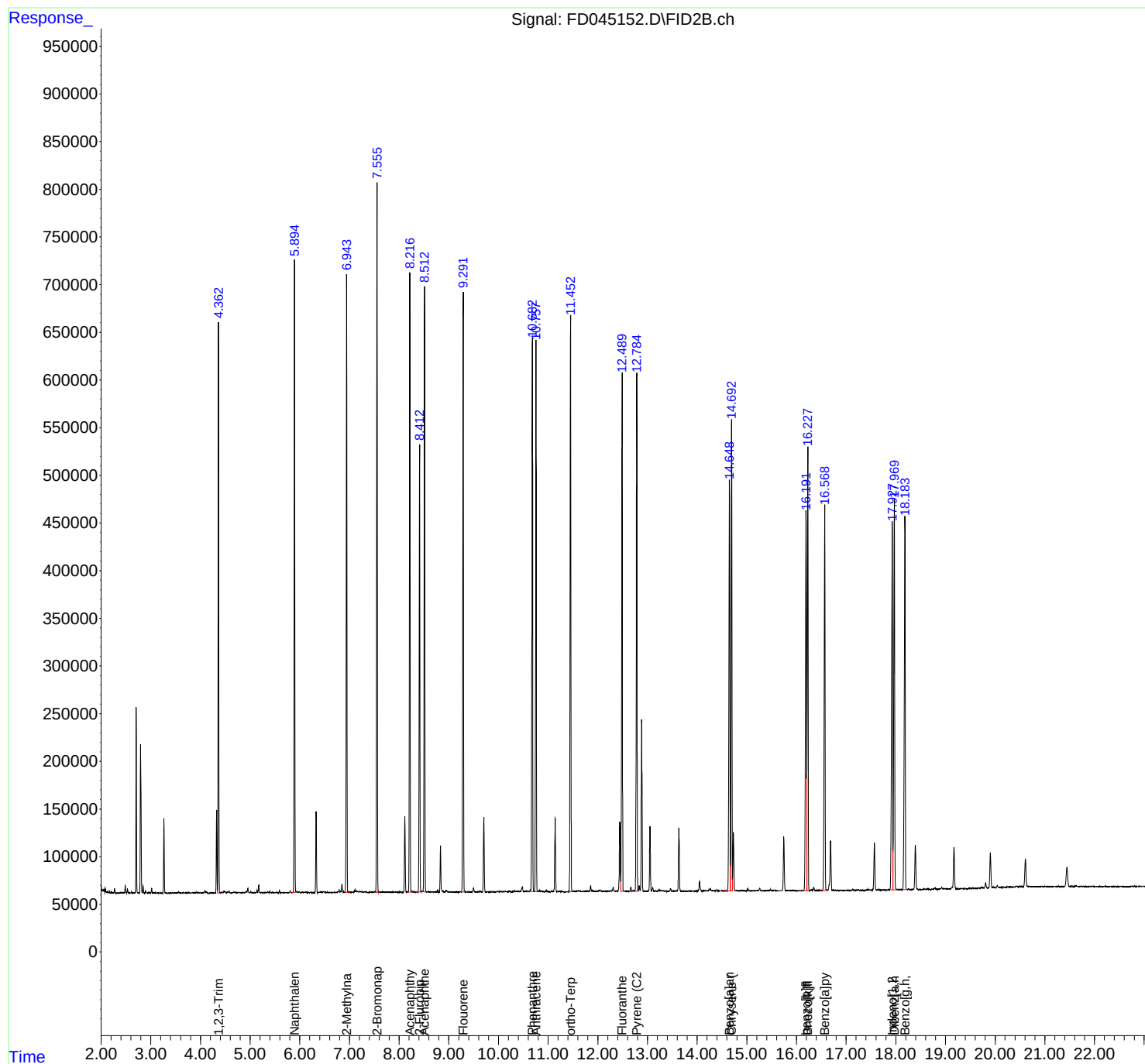
Instrument :
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PB151035BS

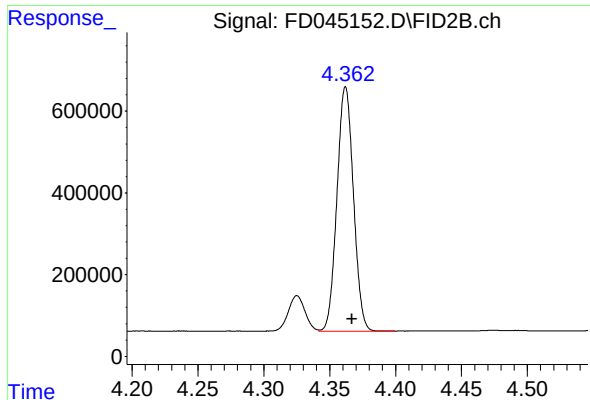
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 5206723
Conc: 34.78 ug/ml

Instrument :

FID_D

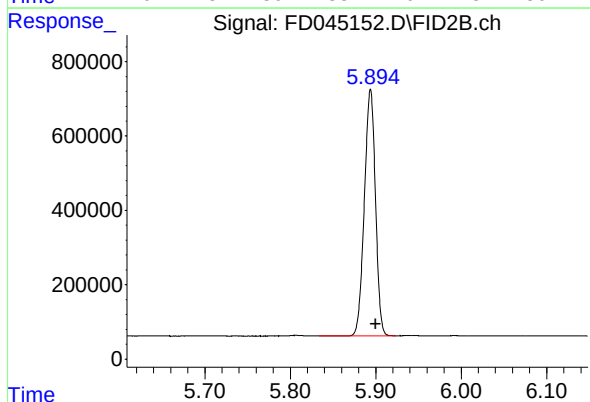
ClientSampleId :

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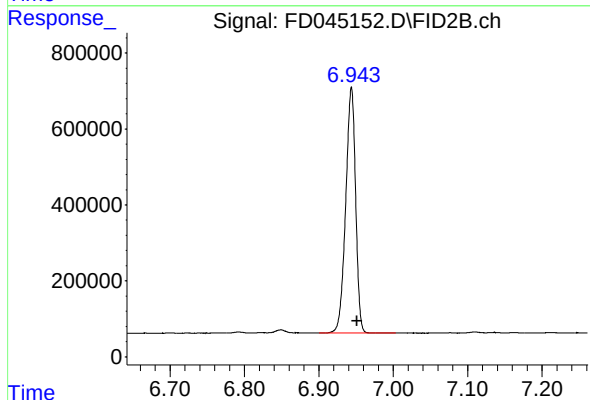
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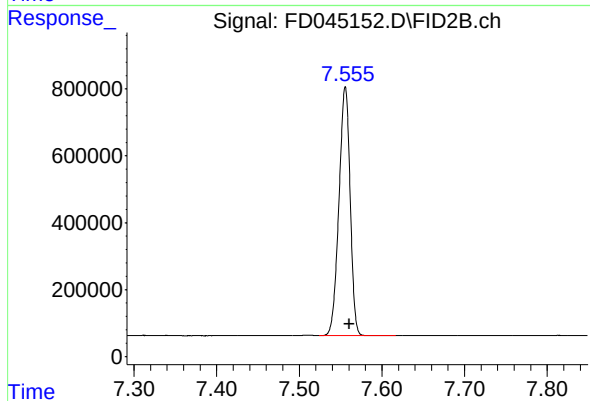
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 5974252
Conc: 38.05 ug/ml



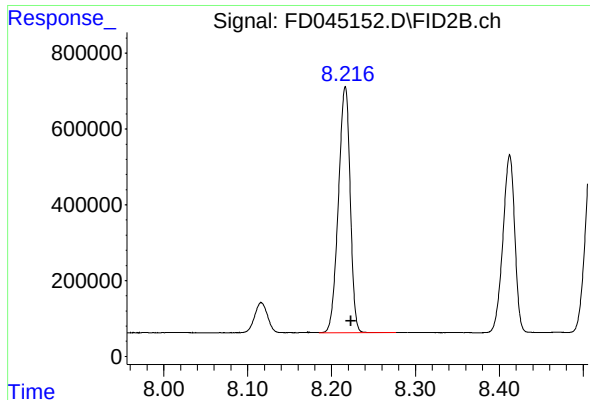
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.007 min
Response: 5997387
Conc: 38.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6997204
Conc: 52.17 ug/ml



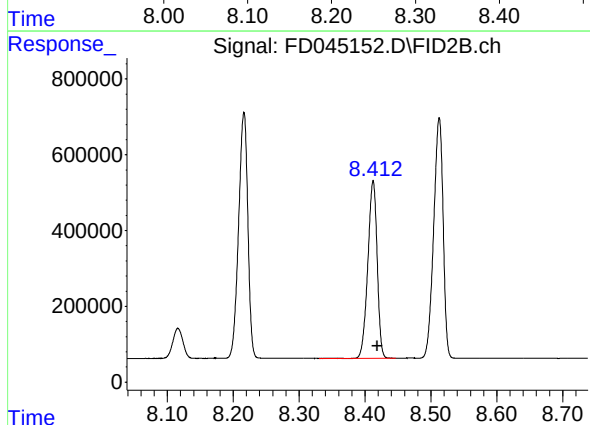
#5 Acenaphthylene (C15.06)

R.T.: 8.216 min
Delta R.T.: -0.007 min
Response: 6327064
Conc: 44.31 ug/ml

Instrument :
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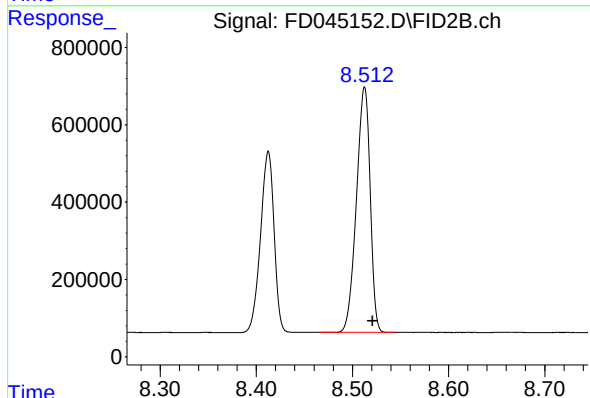
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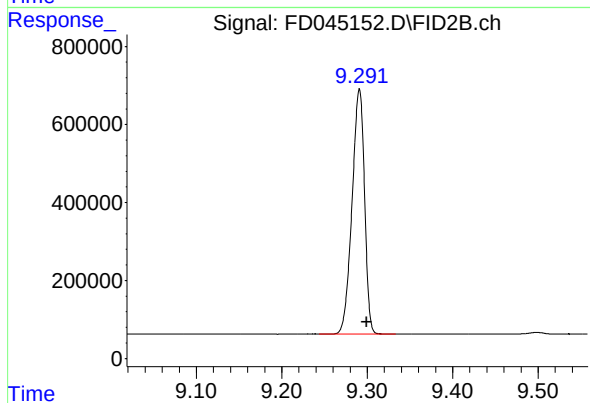
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 4589949
Conc: 51.22 ug/ml



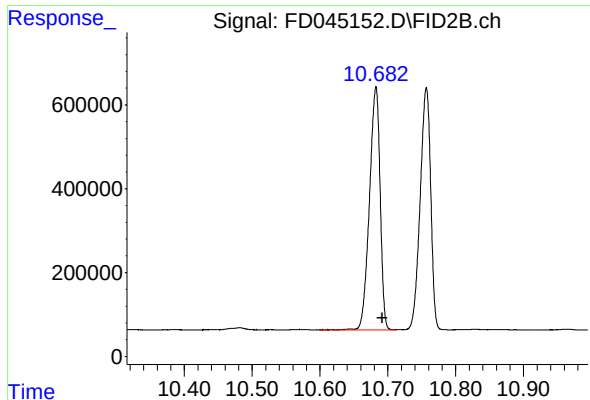
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.009 min
Response: 6325619
Conc: 41.95 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.291 min
Delta R.T.: -0.009 min
Response: 6370095
Conc: 43.22 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.682 min
Delta R.T.: -0.010 min
Response: 6318921
Conc: 43.65 ug/ml

Instrument :

FID_D

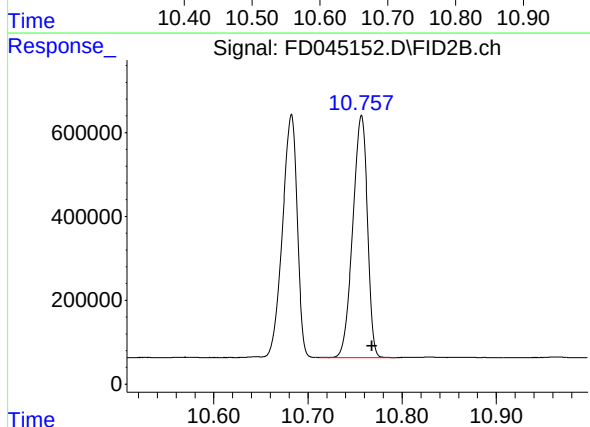
ClientSampleId :

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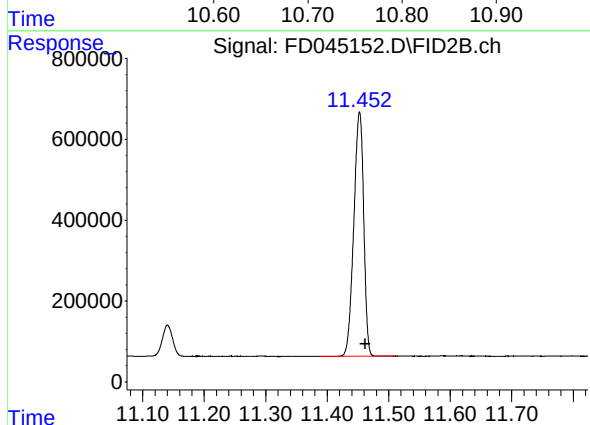
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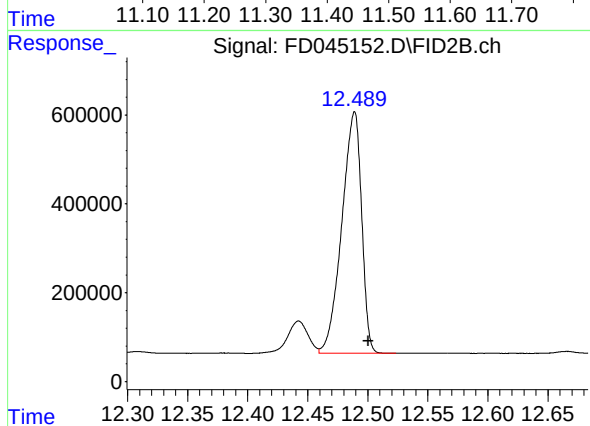
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.011 min
Response: 6228809
Conc: 46.01 ug/ml



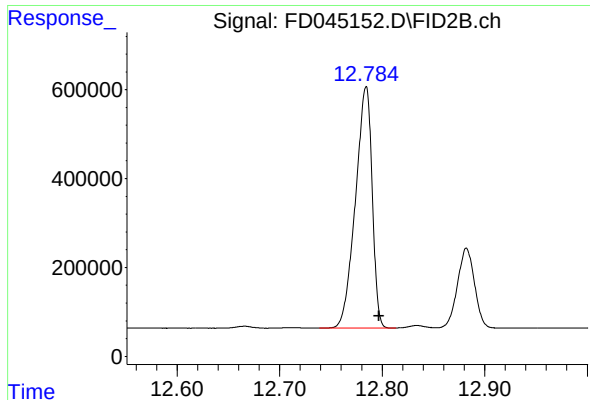
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.010 min
Response: 6758768
Conc: 40.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.488 min
Delta R.T.: -0.012 min
Response: 6221445
Conc: 43.41 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.784 min
Delta R.T.: -0.013 min
Response: 6153552
Conc: 43.95 ug/ml

Instrument :

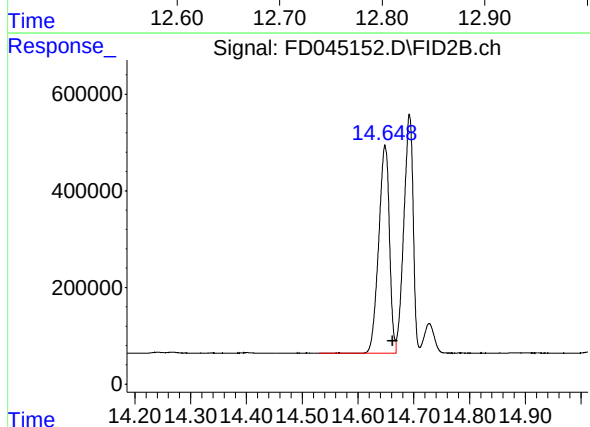
FID_D

ClientSampleId :

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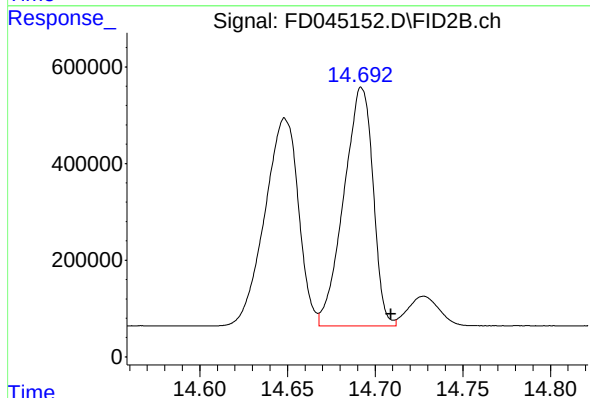
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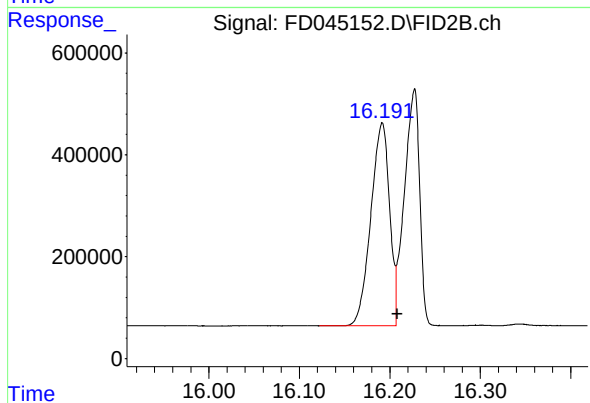
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.014 min
Response: 5753620
Conc: 45.23 ug/ml



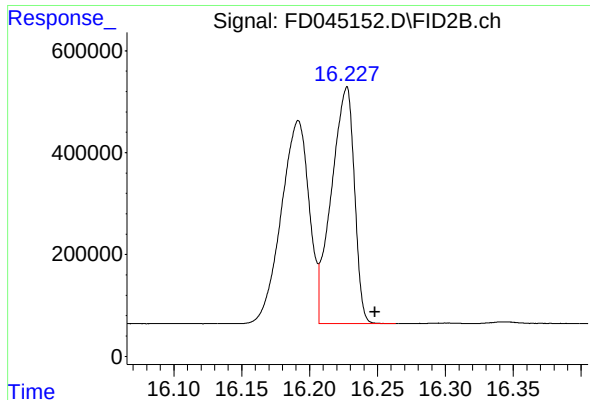
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: -0.017 min
Response: 5727961
Conc: 43.26 ug/ml



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

R.T.: 16.191 min
Delta R.T.: -0.017 min
Response: 5711861
Conc: 43.55 ug/ml



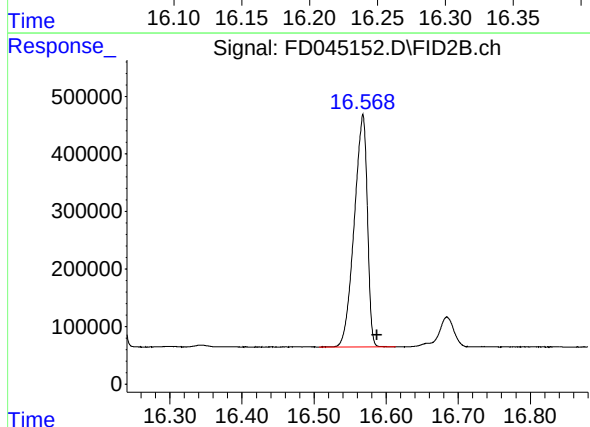
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.227 min
Delta R.T.: -0.022 min
Response: 5464016
Conc: 42.13 ug/ml

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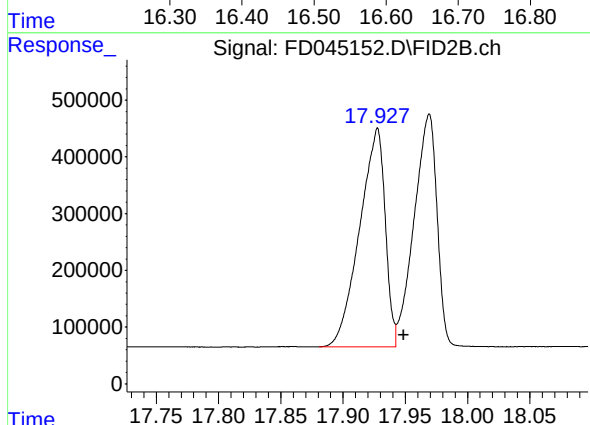
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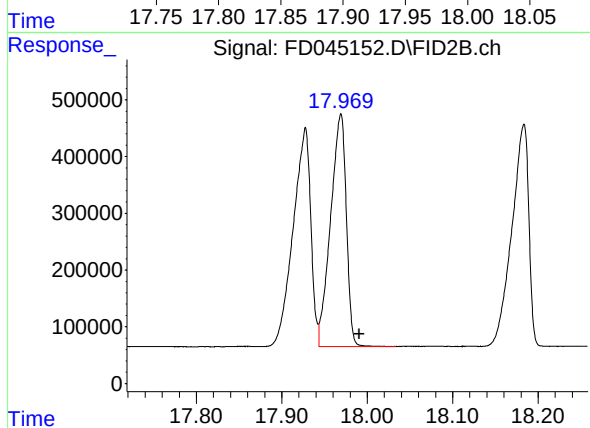
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.020 min
Response: 5106843
Conc: 39.79 ug/ml



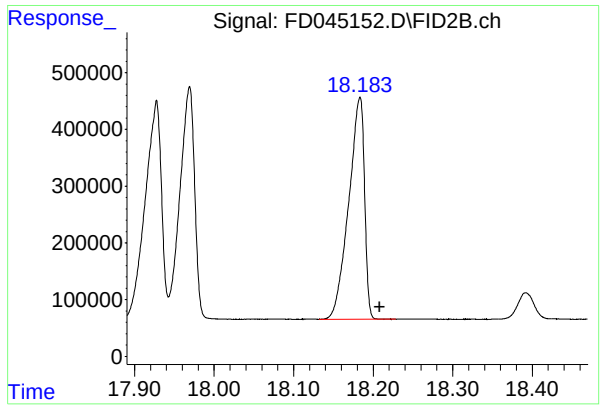
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.927 min
Delta R.T.: -0.021 min
Response: 5505920
Conc: 43.83 ug/ml m



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

R.T.: 17.968 min
Delta R.T.: -0.023 min
Response: 5239914
Conc: 42.84 ug/ml



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

R.T.: 18.183 min
Delta R.T.: -0.026 min
Response: 5397790
Conc: 42.55 ug/ml

Instrument :

FID_D

ClientSampleId :

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