

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049646.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 15:26
 Operator : YP/AJ
 Sample : PB169364BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB169364BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E

Quant Time: Aug 25 01:47:47 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M

Quant Title : GC Extractables

Qlast Update : Mon Aug 11 14:11:57 2025

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...	7.714	6397880	62.426 ug/ml
Spiked Amount 50.000		Recovery =	124.85%
6) S 2-Fluorobiphenyl (SURR)	8.580	4468318	61.171 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.34%
11) S ortho-Terphenyl (SURR)	11.626	6549966	50.464 ug/ml
Spiked Amount 50.000		Recovery =	100.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3912707	38.656 ug/ml
2) T Naphthalene (C11.7)	6.046	5040440	43.960 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	5108367	42.822 ug/ml
5) T Acenaphthylene (C15.06)	8.383	6201911	49.334 ug/ml
7) T Acenaphthene (C15.5)	8.680	6312523	50.205 ug/ml
8) T Flouorene (C16.55)	9.462	6707239	52.976 ug/ml
9) T Phenanthrene (C19.36)	10.861	6793344	52.589 ug/ml
10) T Anthracene (C19.43)	10.935	5742691	46.615 ug/ml
12) T Fluoranthene (C21.85)	12.676	6851078	53.517 ug/ml
13) T Pyrene (C20.8)	12.974	6708416	52.837 ug/ml
14) T Benzo[a]anthracene (C...	14.846	6235802	54.039 ug/ml
15) T Chrysene (C27.41)	14.892	6815416	58.210 ug/ml
16) T benzo[b]fluoranthene ...	16.399	6158622	54.149 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	5962858	55.703 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.779	5709993	51.471 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	5902599	57.263 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	5626465	51.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	5344496	48.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB169364BS
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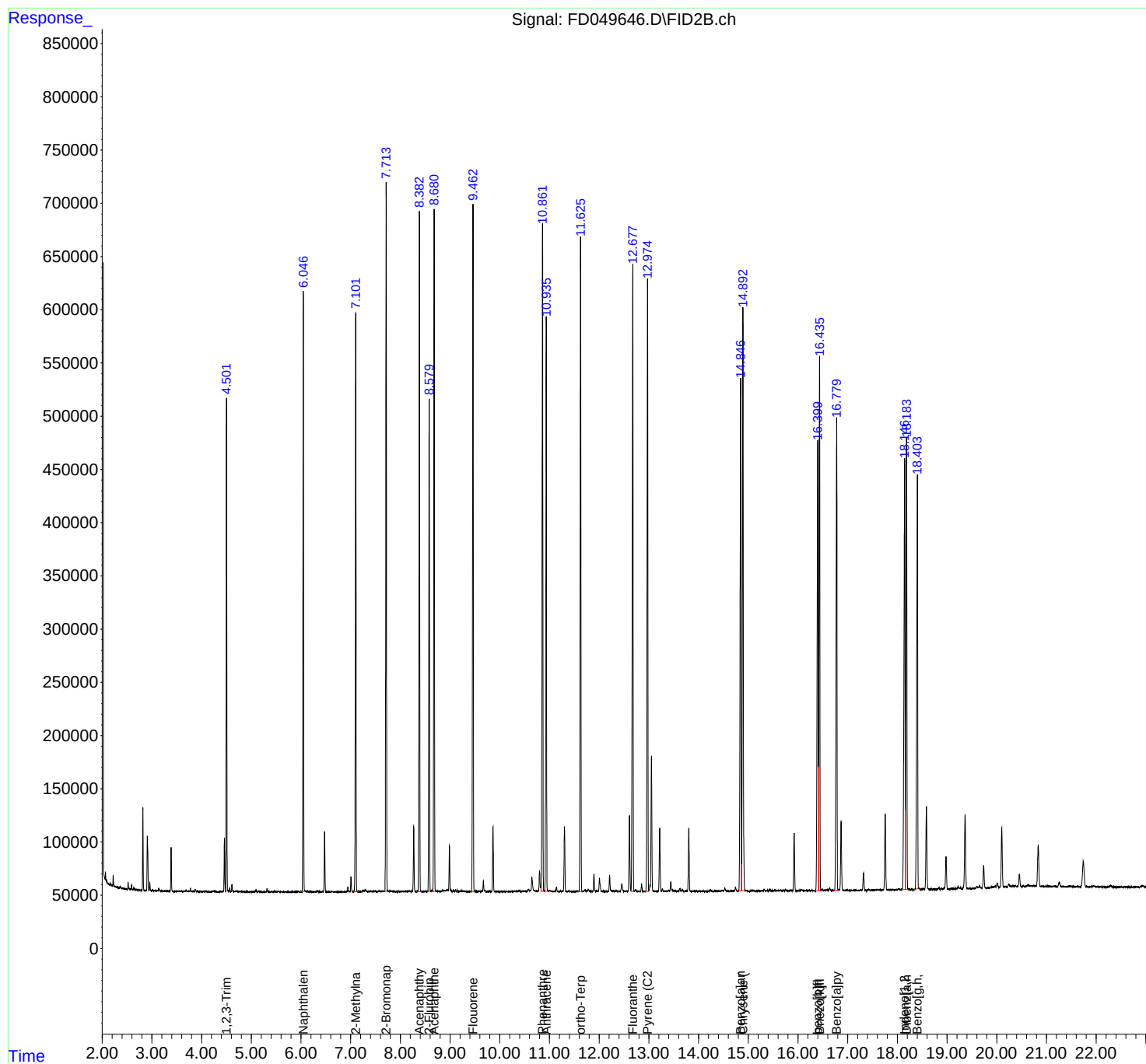
Instrument :
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PB169364BS

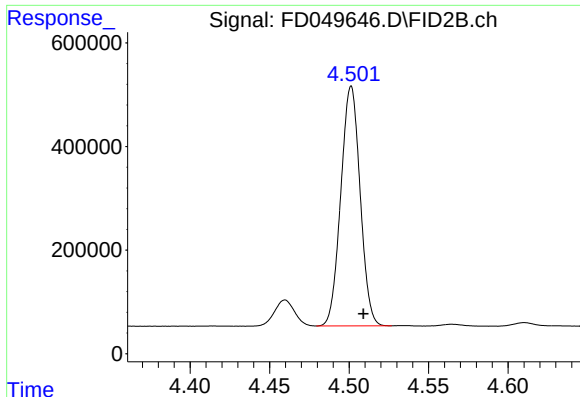
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Integration File: sample.E
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Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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.: 4.501 min
Delta R.T.: -0.008 min
Response: 3912707
Conc: 38.66 ug/ml

Instrument :

FID_D

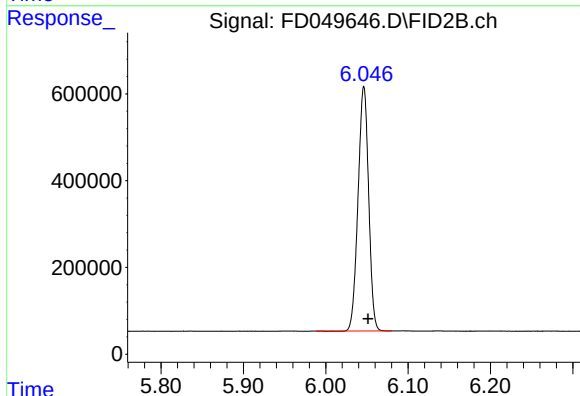
ClientSampleId :

PB169364BS

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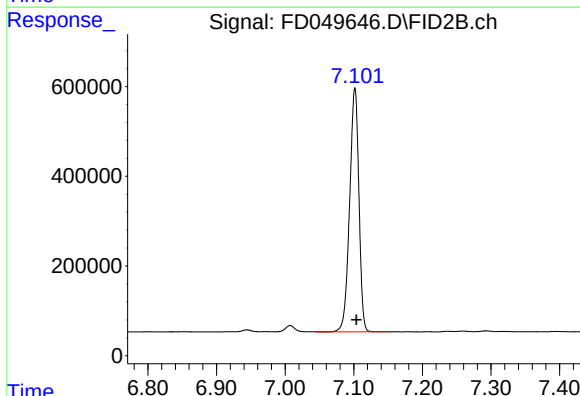
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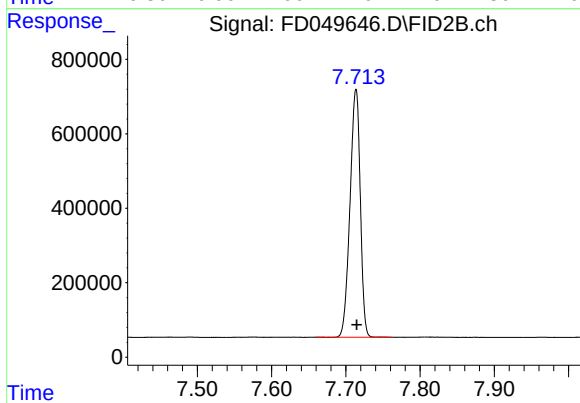
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.005 min
Response: 5040440
Conc: 43.96 ug/ml



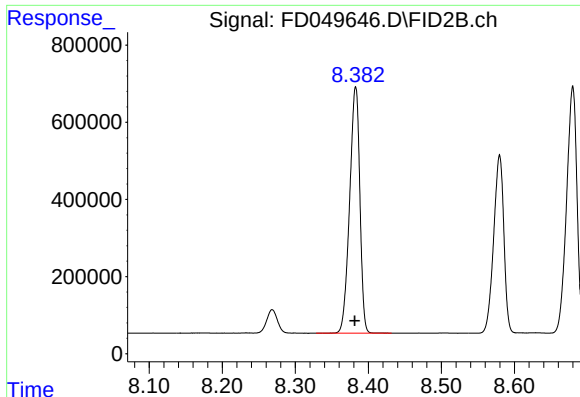
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 5108367
Conc: 42.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 6397880
Conc: 62.43 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.383 min
Delta R.T.: 0.001 min
Response: 6201911
Conc: 49.33 ug/ml

Instrument :

FID_D

ClientSampleId :

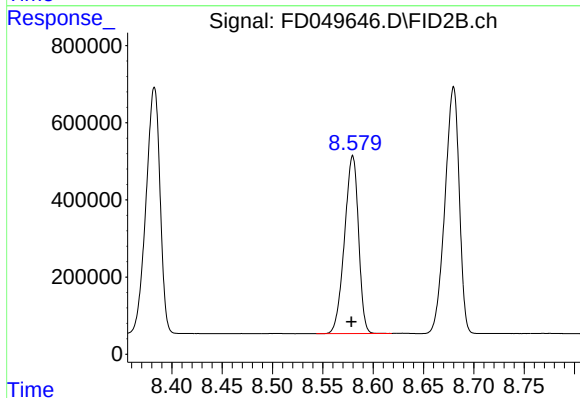
PB169364BS

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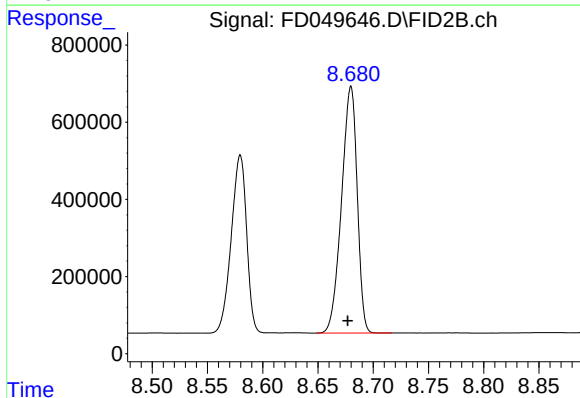
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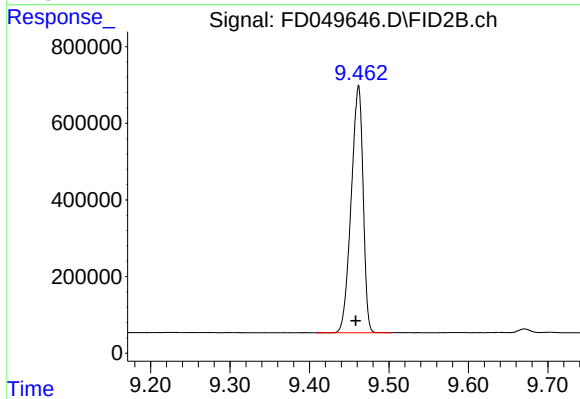
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.001 min
Response: 4468318
Conc: 61.17 ug/ml



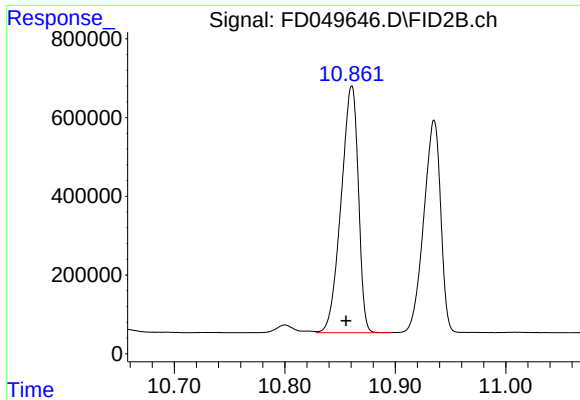
#7 Acenaphthene (C15.5)

R.T.: 8.680 min
Delta R.T.: 0.003 min
Response: 6312523
Conc: 50.20 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.462 min
Delta R.T.: 0.004 min
Response: 6707239
Conc: 52.98 ug/ml



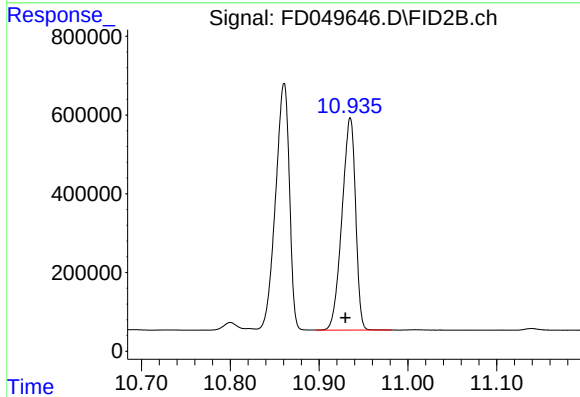
#9 Phenanthrene (C19.36)

R.T.: 10.861 min
Delta R.T.: 0.005 min
Response: 6793344
Conc: 52.59 ug/ml

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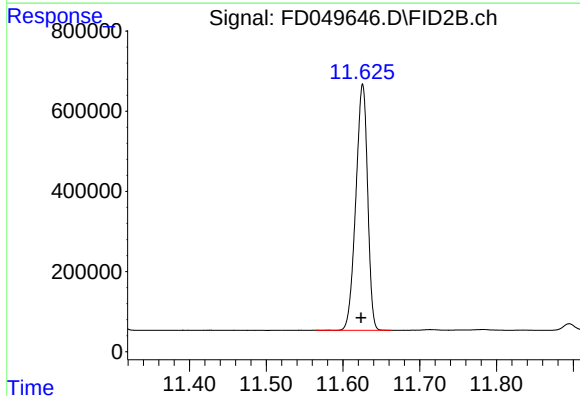
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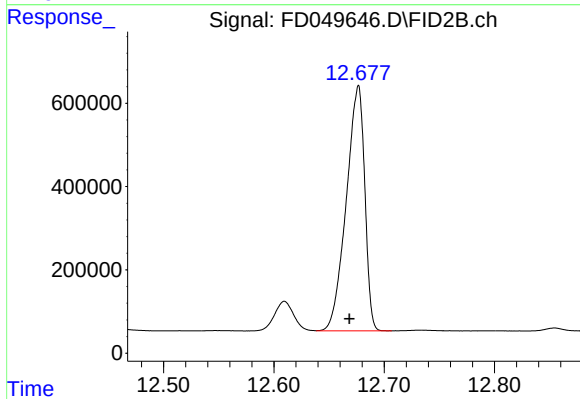
#10 Anthracene (C19.43)

R.T.: 10.935 min
Delta R.T.: 0.005 min
Response: 5742691
Conc: 46.62 ug/ml



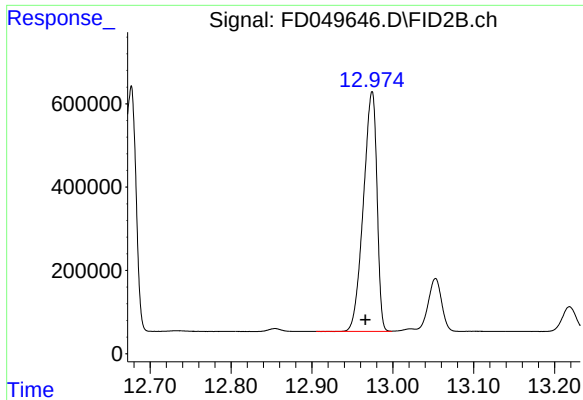
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 6549966
Conc: 50.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.676 min
Delta R.T.: 0.008 min
Response: 6851078
Conc: 53.52 ug/ml



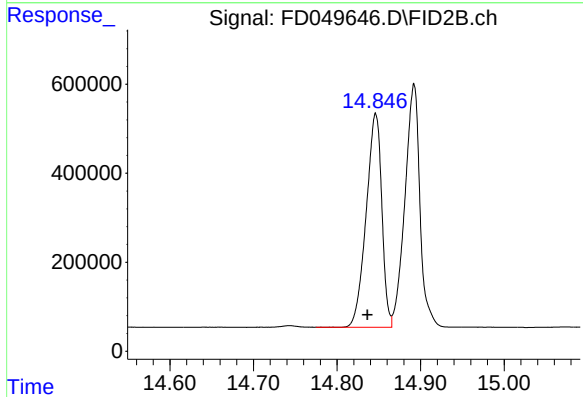
#13 Pyrene (C20.8)

R.T.: 12.974 min
Delta R.T.: 0.008 min
Response: 6708416
Conc: 52.84 ug/ml

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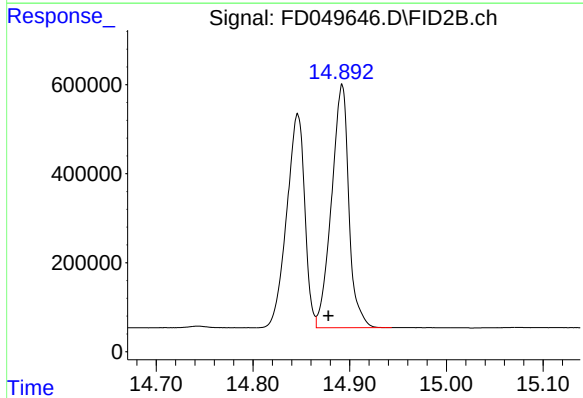
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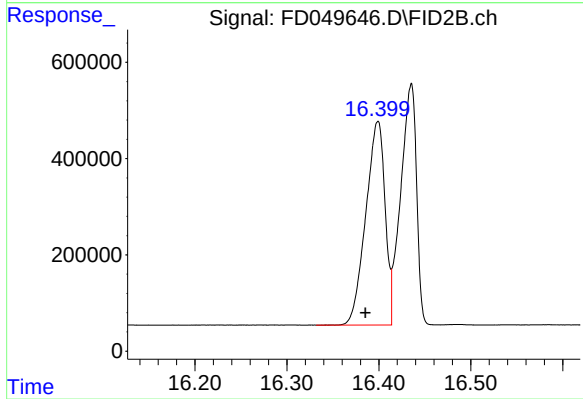
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.846 min
Delta R.T.: 0.010 min
Response: 6235802
Conc: 54.04 ug/ml



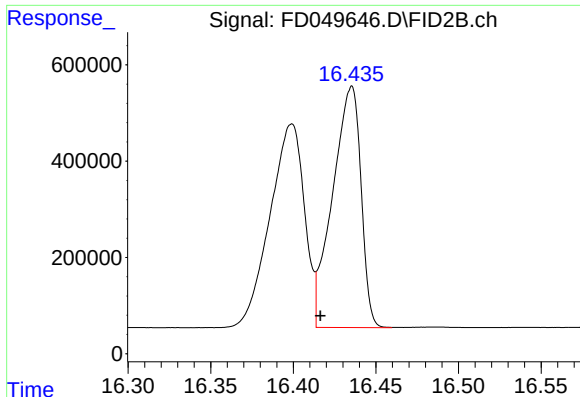
#15 Chrysene (C27.41)

R.T.: 14.892 min
Delta R.T.: 0.014 min
Response: 6815416
Conc: 58.21 ug/ml



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

R.T.: 16.399 min
Delta R.T.: 0.013 min
Response: 6158622
Conc: 54.15 ug/ml



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

R.T.: 16.435 min
Delta R.T.: 0.019 min
Response: 5962858
Conc: 55.70 ug/ml

Instrument :

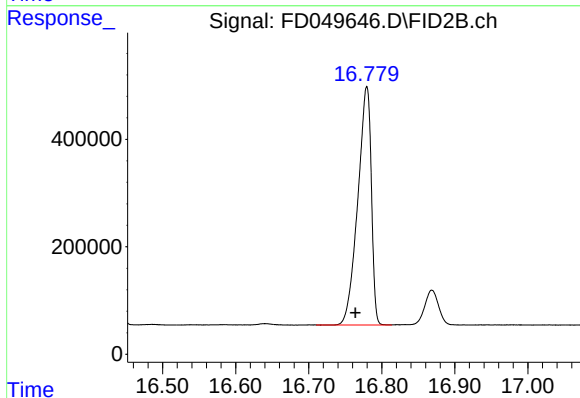
FID_D

ClientSampleId :

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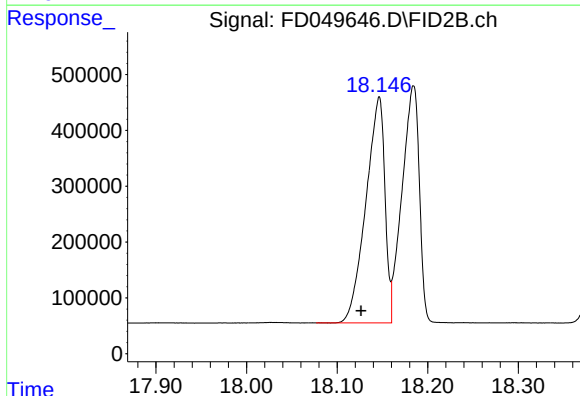
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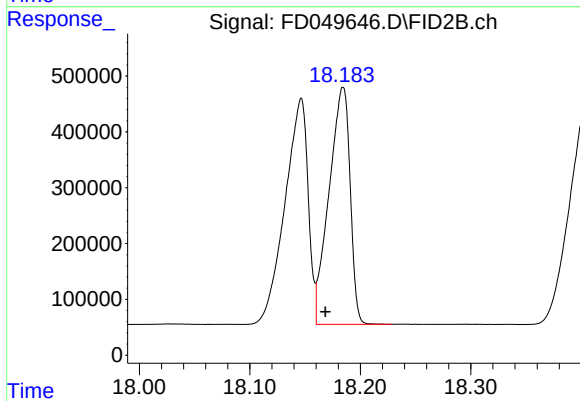
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.779 min
Delta R.T.: 0.015 min
Response: 5709993
Conc: 51.47 ug/ml



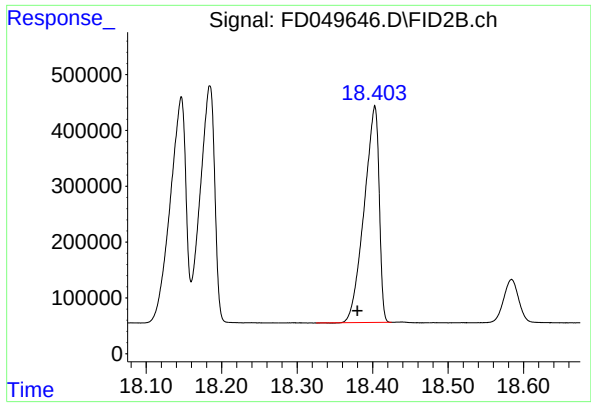
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.020 min
Response: 5902599
Conc: 57.26 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.016 min
Response: 5626465
Conc: 51.62 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.023 min
Response: 5344496
Conc: 48.91 ug/ml

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