

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090825AR\
 Data File : FD049730.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 13:40
 Operator : YP/AJ
 Sample : PB169599BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169599BS

Integration File: autoint1.e
 Quant Time: Sep 09 05:59:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.699	7213617	64.142 ug/ml
Spiked Amount 50.000		Recovery =	128.28%
6) S 2-Fluorobiphenyl (SURR)	8.564	5000649	62.297 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.59%
11) S ortho-Terphenyl (SURR)	11.610	7239067	51.166 ug/ml
Spiked Amount 50.000		Recovery =	102.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	4404482	40.876 ug/ml
2) T Naphthalene (C11.7)	6.033	5711830	45.930 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	5766702	44.246 ug/ml
5) T Acenaphthylene (C15.06)	8.367	6971104	50.282 ug/ml
7) T Acenaphthene (C15.5)	8.664	7102026	51.232 ug/ml
8) T Flouorene (C16.55)	9.445	7478867	53.916 ug/ml
9) T Phenanthrene (C19.36)	10.844	7424046	53.294 ug/ml
10) T Anthracene (C19.43)	10.918	6032606	45.687 ug/ml
12) T Fluoranthene (C21.85)	12.659	7298277	54.194 ug/ml
13) T Pyrene (C20.8)	12.957	7106425	53.422 ug/ml
14) T Benzo[a]anthracene (C...	14.828	6457681	54.001 ug/ml
15) T Chrysene (C27.41)	14.873	7114280	58.480 ug/ml
16) T benzo[b]fluoranthene ...	16.381	6541664	54.574 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	6296871	55.885 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.761	6089069	51.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.127	6381097	58.655 ug/ml
20) T Dibenz[a,h]anthracene...	18.165	6082656	53.380 ug/ml
21) T Benzo[g,h,i]perylene ...	18.384	5836905	50.164 ug/ml

(f)=RT Delta > 1/2 Window

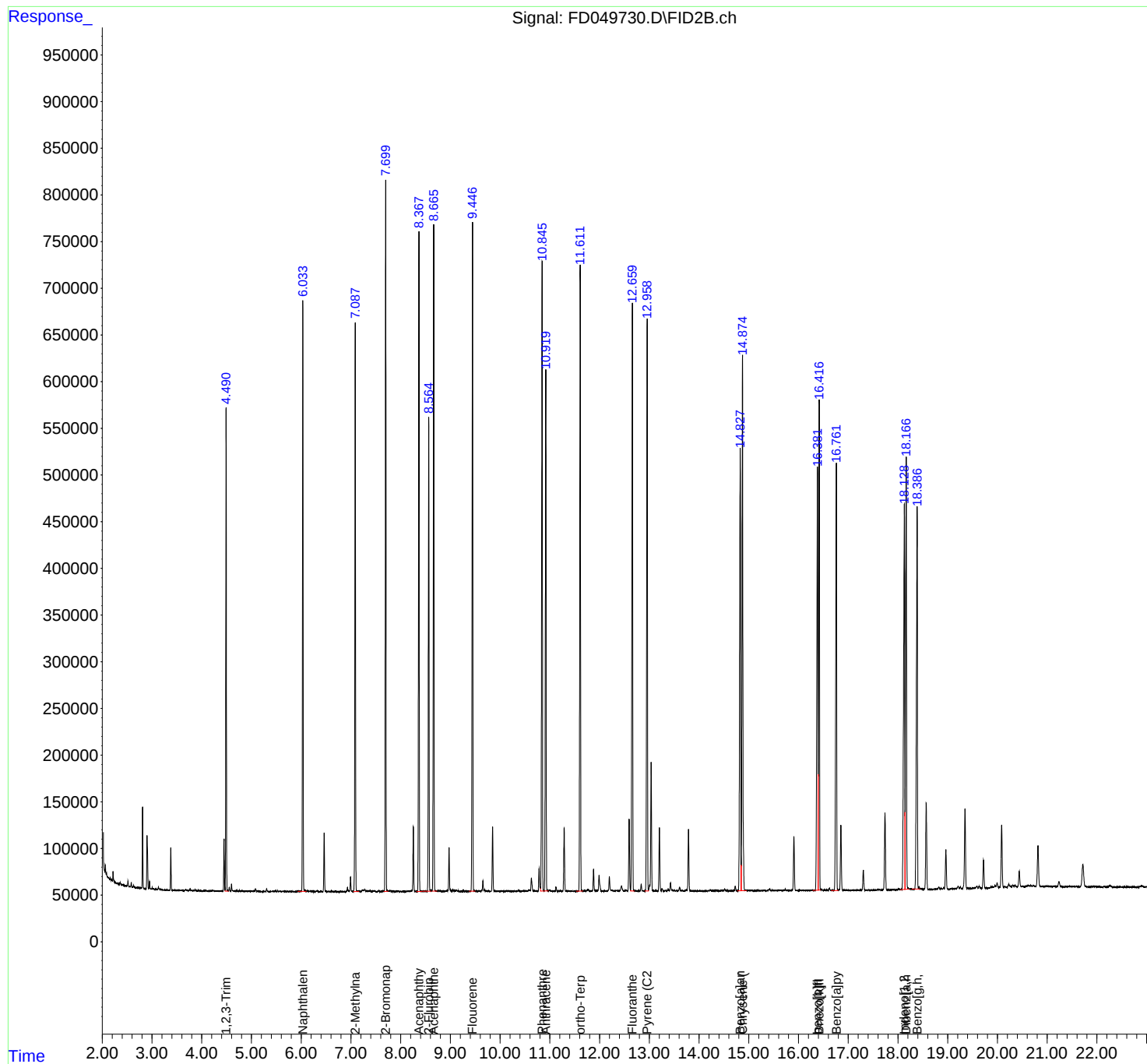
(m)=manual int.

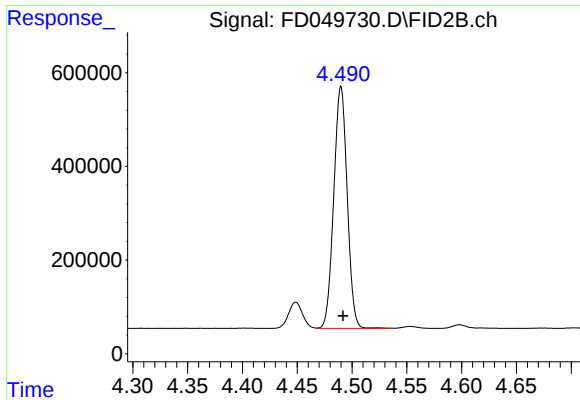
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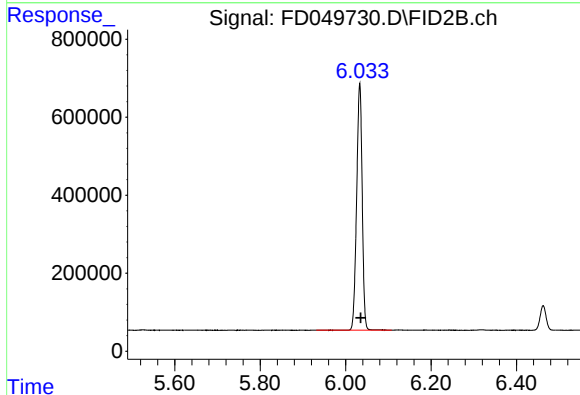




#1 1,2,3-Trimethylbenzene (C10.1)

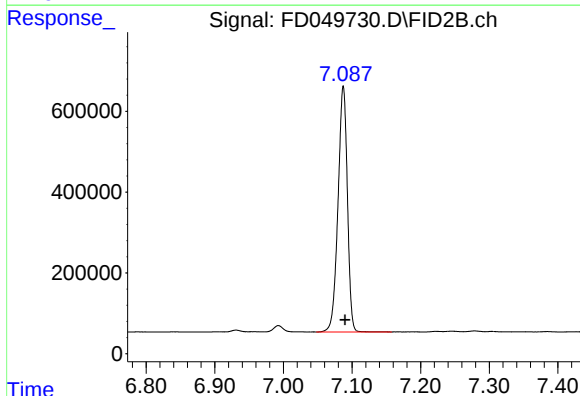
R.T.: 4.490 min
Delta R.T.: -0.002 min
Response: 4404482
Conc: 40.88 ug/ml

Instrument :
FID_D
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PB169599BS



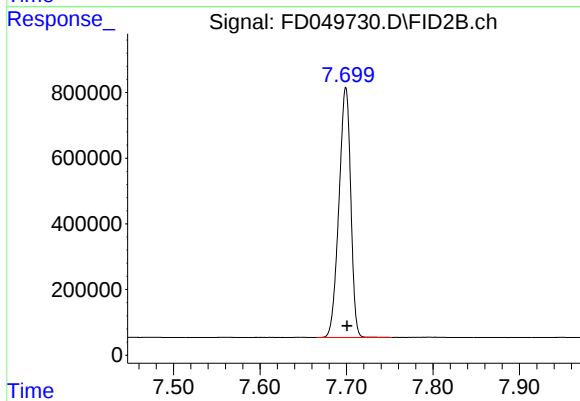
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 5711830
Conc: 45.93 ug/ml



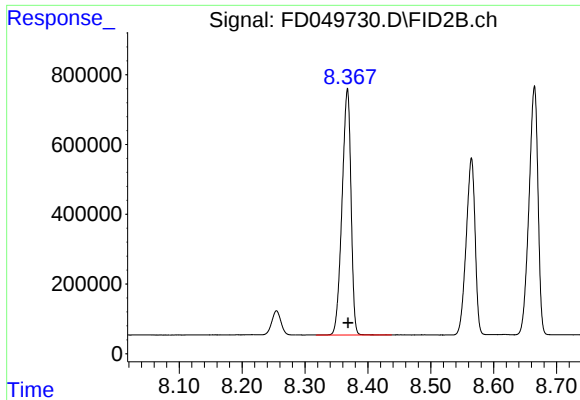
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 5766702
Conc: 44.25 ug/ml



#4 2-Bromonaphthalene (SURR)

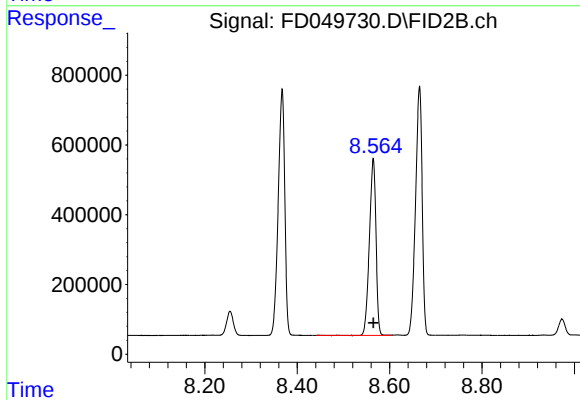
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 7213617
Conc: 64.14 ug/ml



#5 Acenaphthylene (C15.06)

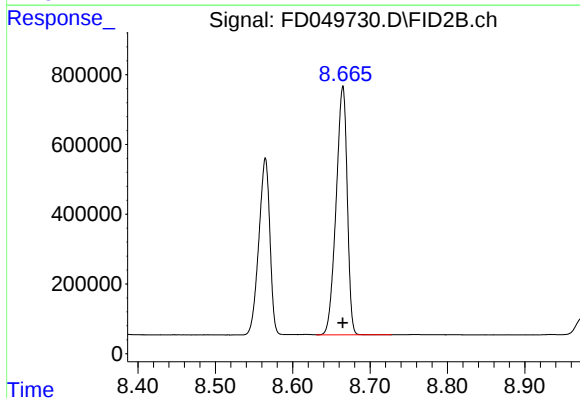
R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 6971104
Conc: 50.28 ug/ml

Instrument :
FID_D
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PB169599BS



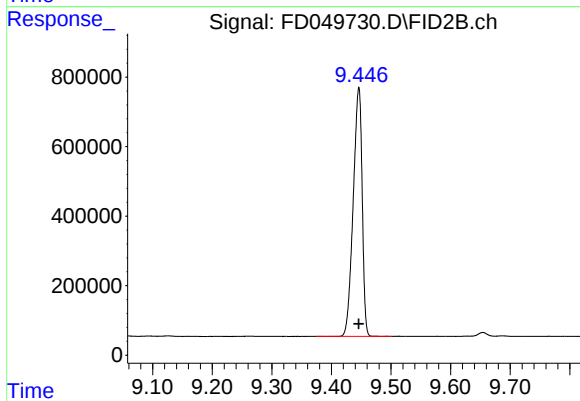
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 5000649
Conc: 62.30 ug/ml



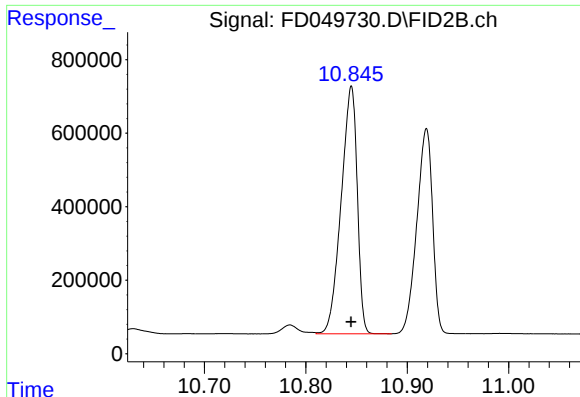
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 7102026
Conc: 51.23 ug/ml



#8 Flouorene (C16.55)

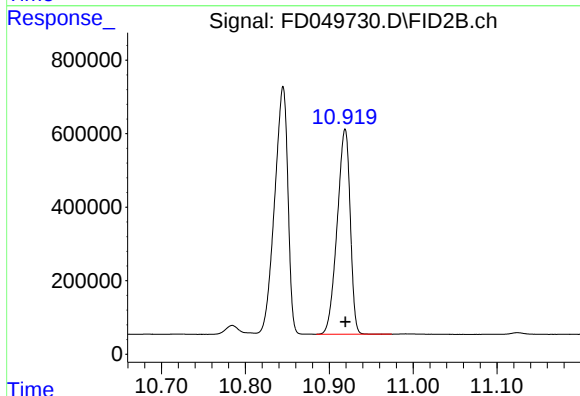
R.T.: 9.445 min
Delta R.T.: 0.000 min
Response: 7478867
Conc: 53.92 ug/ml



#9 Phenanthrene (C19.36)

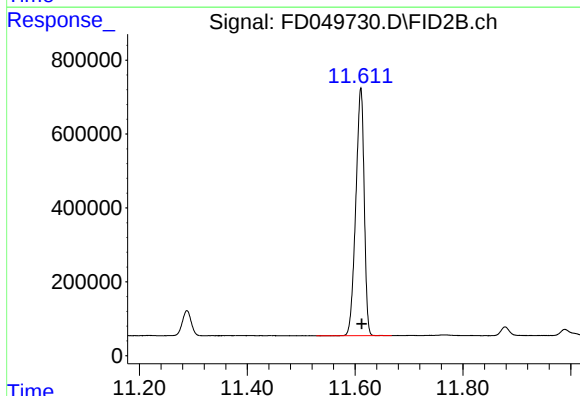
R.T.: 10.844 min
Delta R.T.: 0.000 min
Response: 7424046
Conc: 53.29 ug/ml

Instrument :
FID_D
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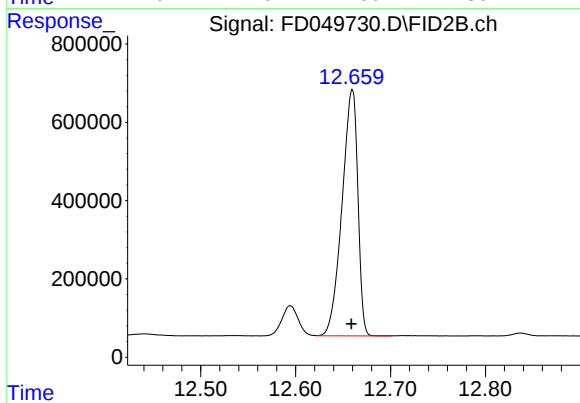
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: 0.000 min
Response: 6032606
Conc: 45.69 ug/ml



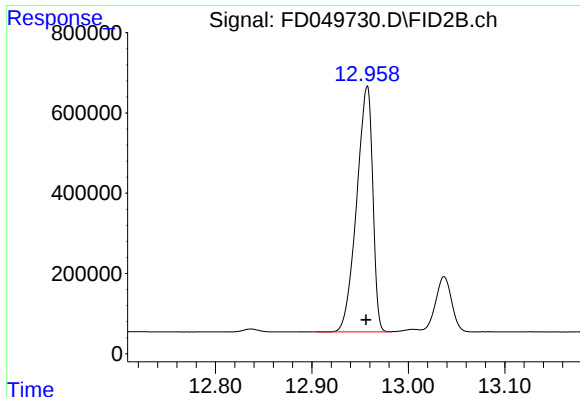
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 7239067
Conc: 51.17 ug/ml



#12 Fluoranthene (C21.85)

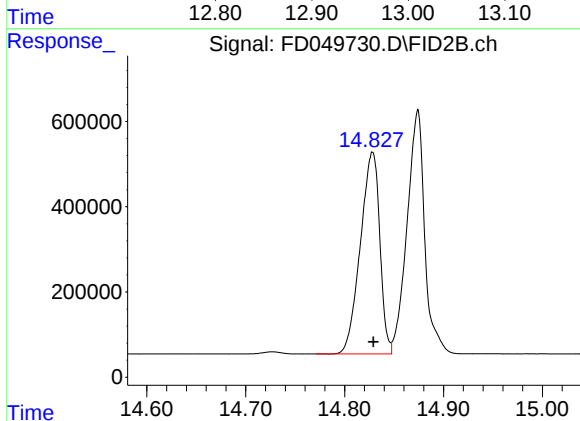
R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 7298277
Conc: 54.19 ug/ml



#13 Pyrene (C20.8)

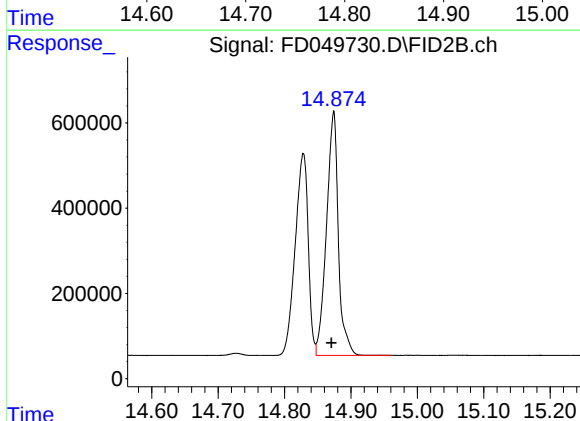
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 7106425
Conc: 53.42 ug/ml

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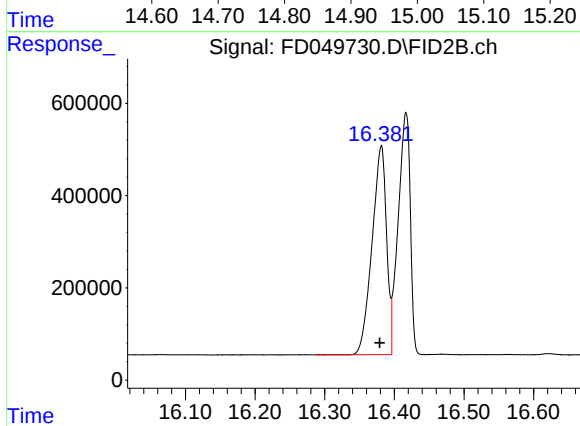
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: -0.001 min
Response: 6457681
Conc: 54.00 ug/ml



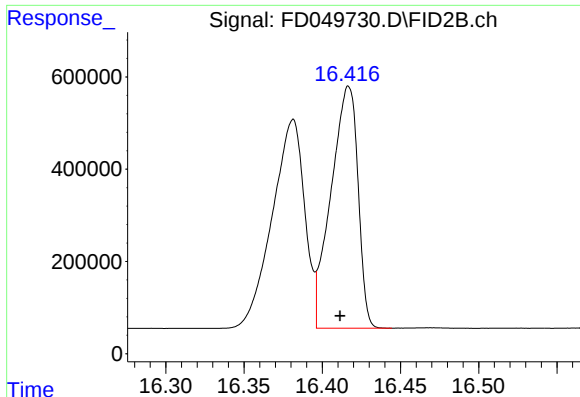
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.003 min
Response: 7114280
Conc: 58.48 ug/ml



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

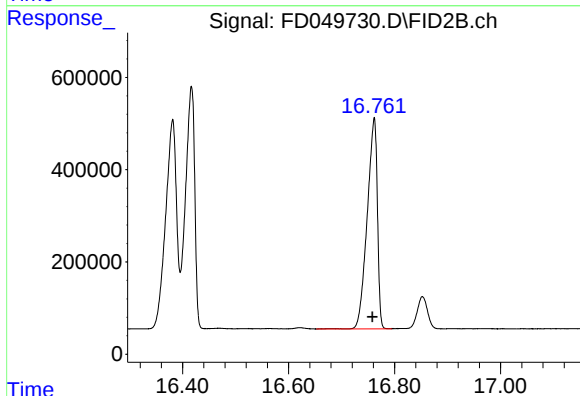
R.T.: 16.381 min
Delta R.T.: 0.002 min
Response: 6541664
Conc: 54.57 ug/ml



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

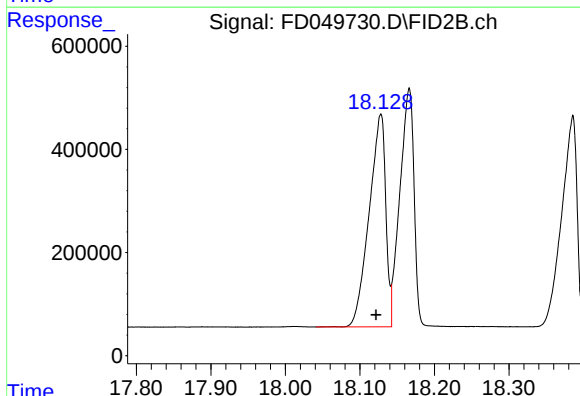
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 6296871
Conc: 55.89 ug/ml

Instrument :
FID_D
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PB169599BS



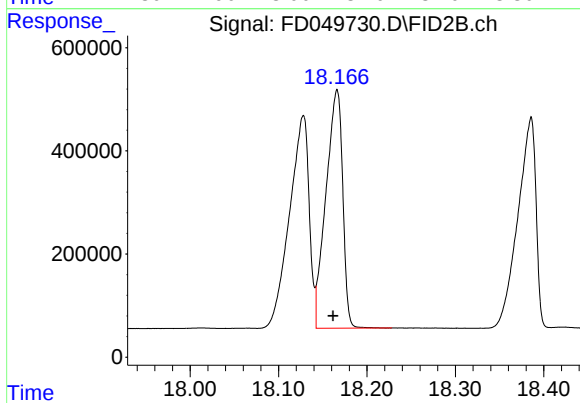
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.761 min
Delta R.T.: 0.003 min
Response: 6089069
Conc: 51.89 ug/ml



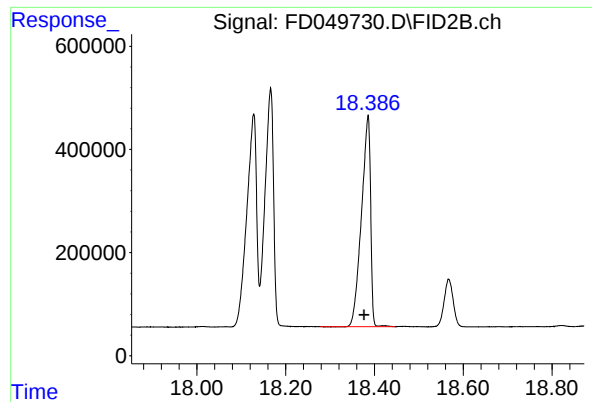
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.127 min
Delta R.T.: 0.005 min
Response: 6381097
Conc: 58.65 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.004 min
Response: 6082656
Conc: 53.38 ug/ml



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

R.T.: 18.384 min
Delta R.T.: 0.008 min
Response: 5836905
Conc: 50.16 ug/ml

Instrument :

FID_D

ClientSampleId :

PB169599BS