

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045672.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 04:23
 Operator : YP/AJ
 Sample : PB152854BSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152854BSD

Integration File: autoint1.e
 Quant Time: May 18 06:03:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.542	7983671	46.805 ug/ml
Spiked Amount 50.000		Recovery =	93.61%
6) S 2-Fluorobiphenyl (SURR)	8.399	5345307	46.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.98%
11) S ortho-Terphenyl (SURR)	11.438	7878835	37.319 ug/ml
Spiked Amount 50.000		Recovery =	74.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	6609535	35.408 ug/ml
2) T Naphthalene (C11.7)	5.881	7604439	38.660 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	7622734	38.587 ug/ml
5) T Acenaphthylene (C15.06)	8.203	8174561	45.499 ug/ml
7) T Acenaphthene (C15.5)	8.500	8576692	45.070 ug/ml
8) T Flouorene (C16.55)	9.278	8422674	44.661 ug/ml
9) T Phenanthrene (C19.36)	10.670	8545518	45.975 ug/ml
10) T Anthracene (C19.43)	10.745	8599791	48.105 ug/ml
12) T Fluoranthene (C21.85)	12.475	8531424	47.292 ug/ml
13) T Pyrene (C20.8)	12.770	8532905	48.687 ug/ml
14) T Benzo[a]anthracene (C...	14.634	7860714	49.386 ug/ml
15) T Chrysene (C27.41)	14.678	7710909	47.487 ug/ml
16) T benzo[b]fluoranthene ...	16.177	7584308	51.497 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	7318971	50.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	6620241	47.482 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	6368855	50.128 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	6588358	51.299 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	6519406	50.685 ug/ml

(f)=RT Delta > 1/2 Window

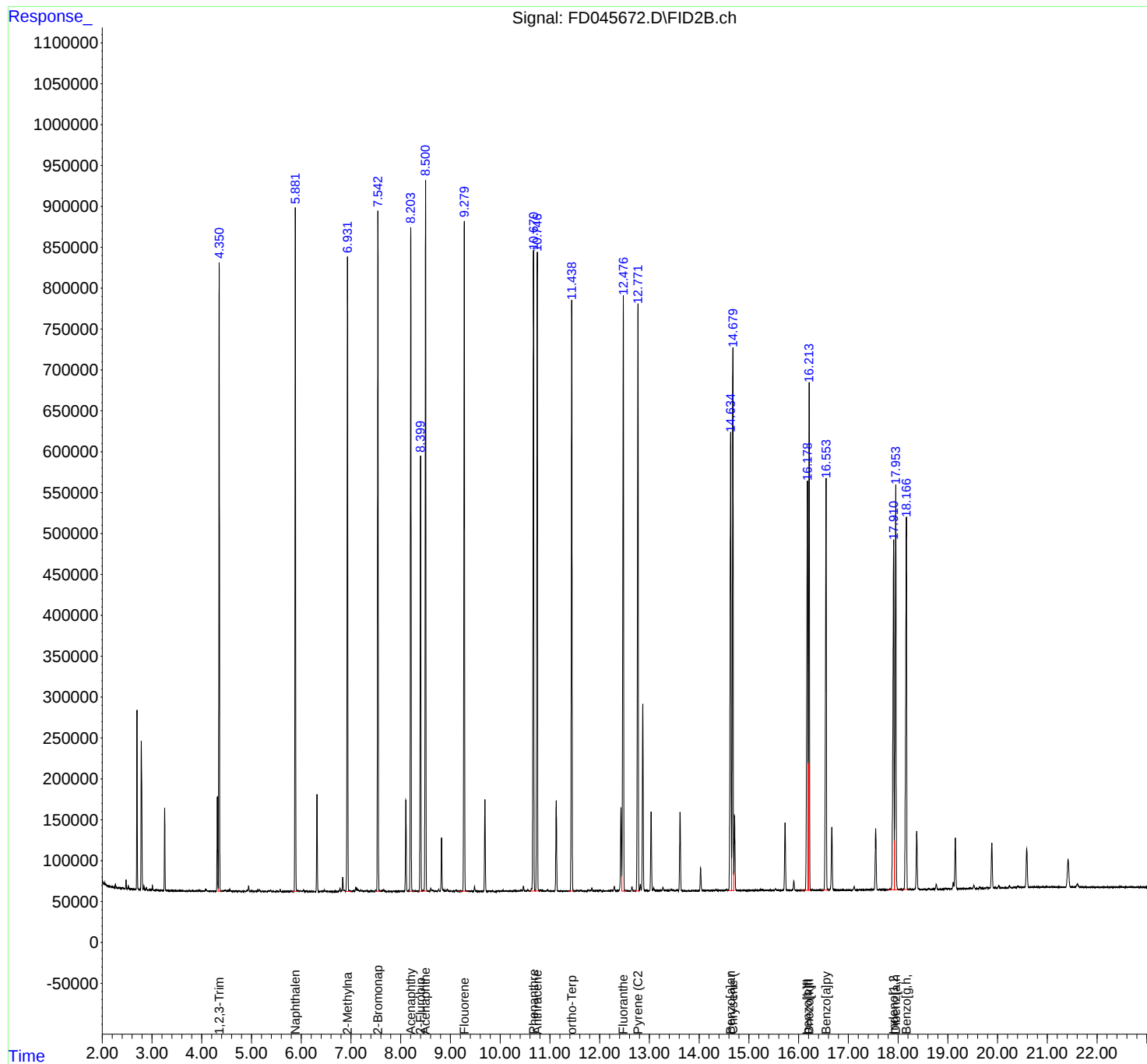
(m)=manual int.

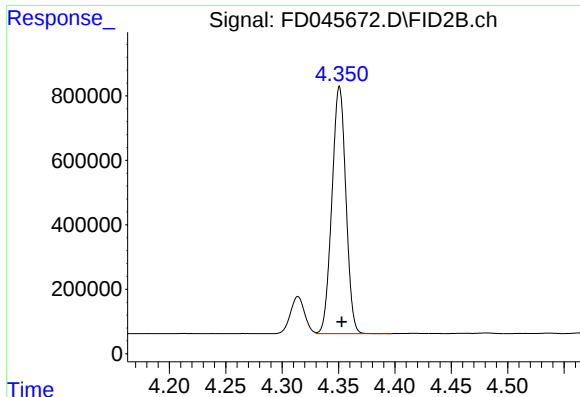
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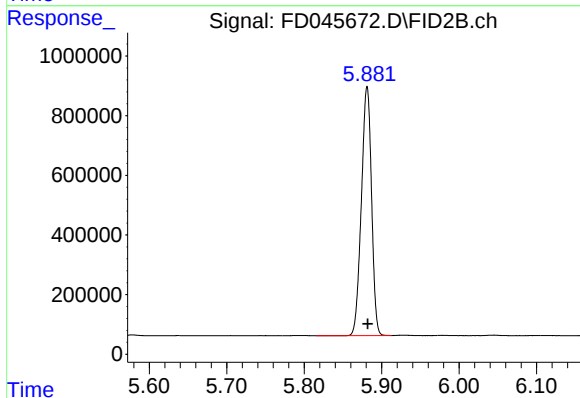




#1 1,2,3-Trimethylbenzene (C10.1)

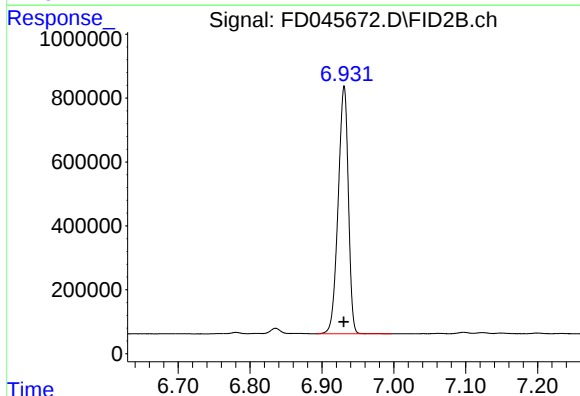
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 6609535
Conc: 35.41 ug/ml

Instrument :
FID_D
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PB152854BSD



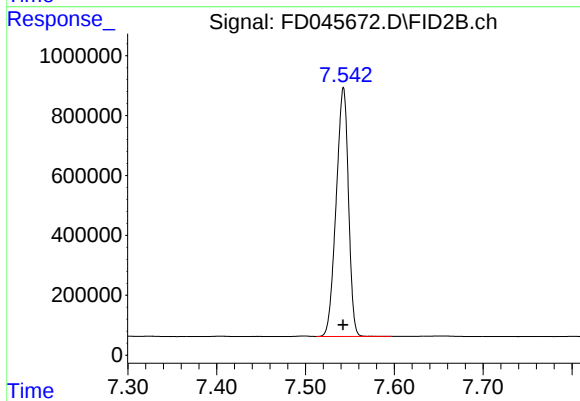
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 7604439
Conc: 38.66 ug/ml



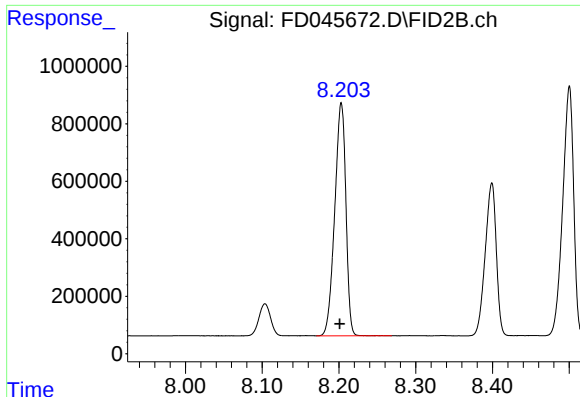
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 7622734
Conc: 38.59 ug/ml



#4 2-Bromonaphthalene (SURR)

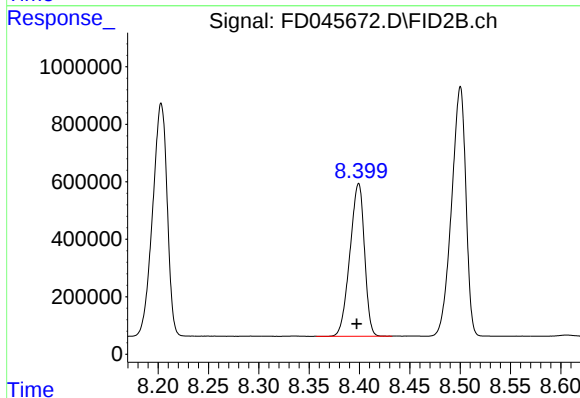
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 7983671
Conc: 46.81 ug/ml



#5 Acenaphthylene (C15.06)

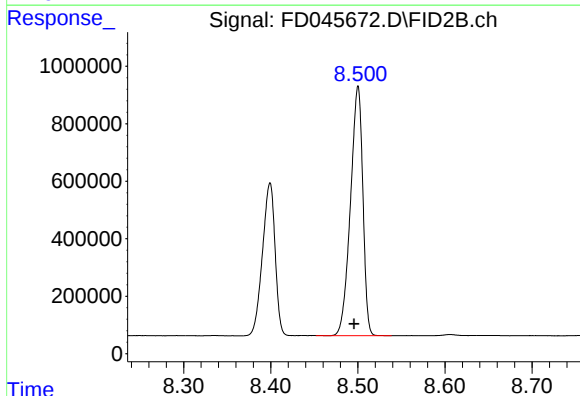
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 8174561
Conc: 45.50 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152854BSD



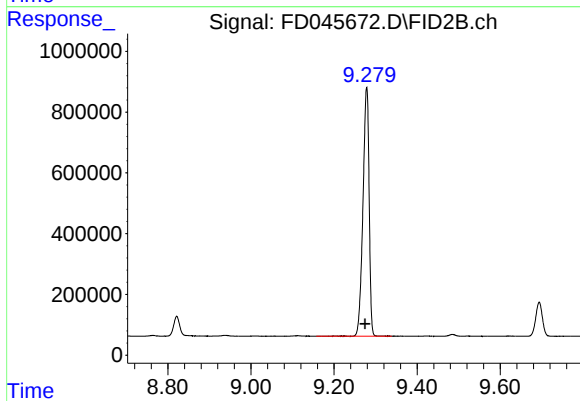
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 5345307
Conc: 46.49 ug/ml



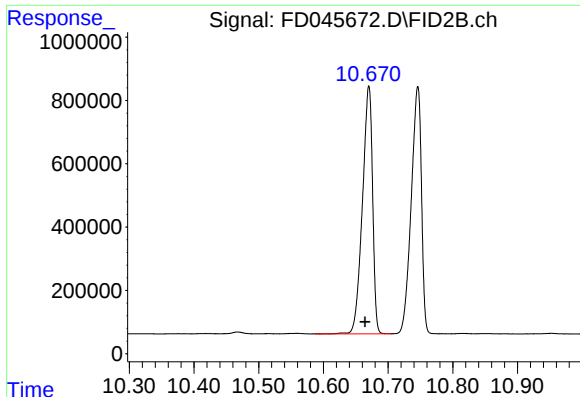
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.004 min
Response: 8576692
Conc: 45.07 ug/ml



#8 Fluorene (C16.55)

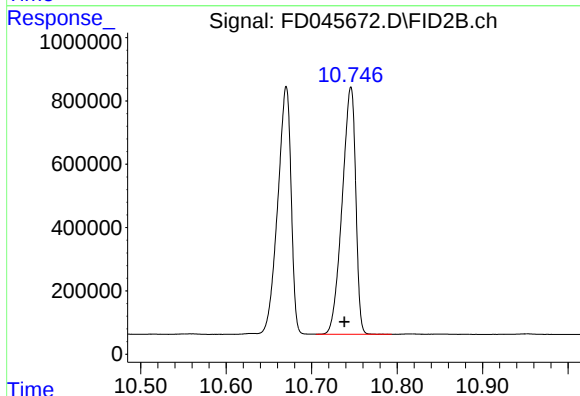
R.T.: 9.278 min
Delta R.T.: 0.004 min
Response: 8422674
Conc: 44.66 ug/ml



#9 Phenanthrene (C19.36)

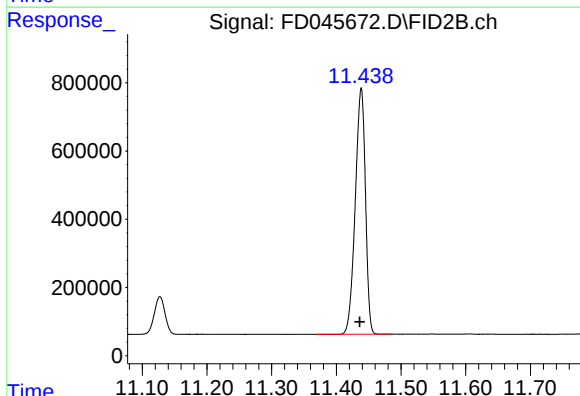
R.T.: 10.670 min
Delta R.T.: 0.005 min
Response: 8545518
Conc: 45.97 ug/ml

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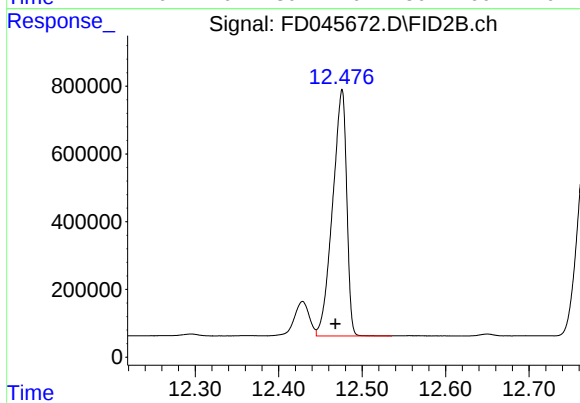
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: 0.007 min
Response: 8599791
Conc: 48.10 ug/ml



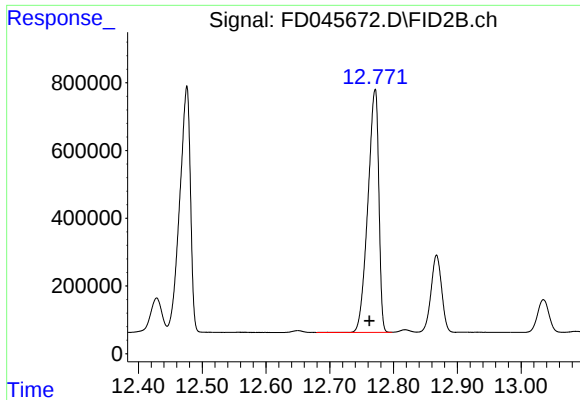
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: 0.002 min
Response: 7878835
Conc: 37.32 ug/ml



#12 Fluoranthene (C21.85)

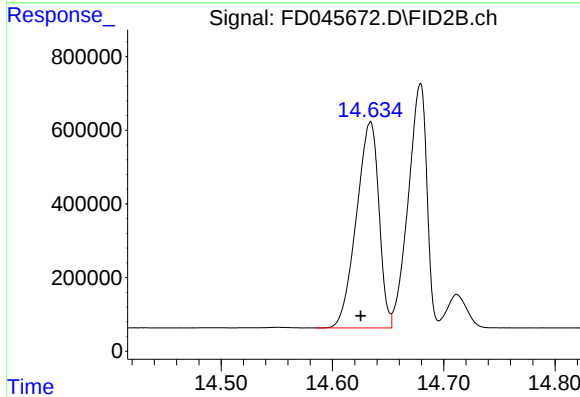
R.T.: 12.475 min
Delta R.T.: 0.007 min
Response: 8531424
Conc: 47.29 ug/ml



#13 Pyrene (C20.8)

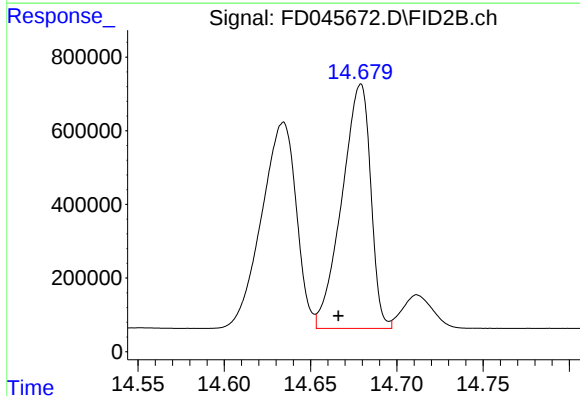
R.T.: 12.770 min
Delta R.T.: 0.008 min
Response: 8532905
Conc: 48.69 ug/ml

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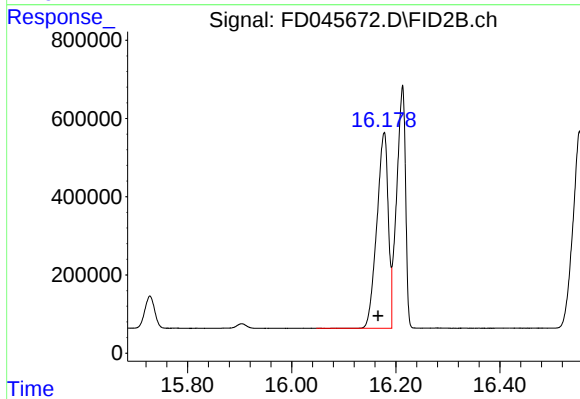
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: 0.009 min
Response: 7860714
Conc: 49.39 ug/ml



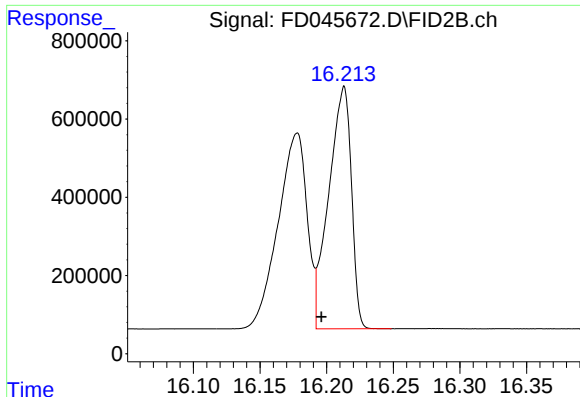
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: 0.012 min
Response: 7710909
Conc: 47.49 ug/ml



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

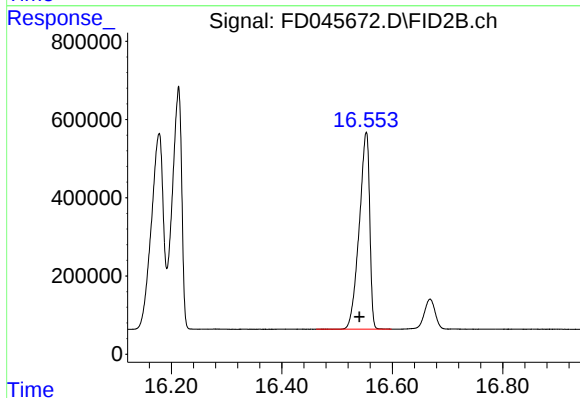
R.T.: 16.177 min
Delta R.T.: 0.011 min
Response: 7584308
Conc: 51.50 ug/ml



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

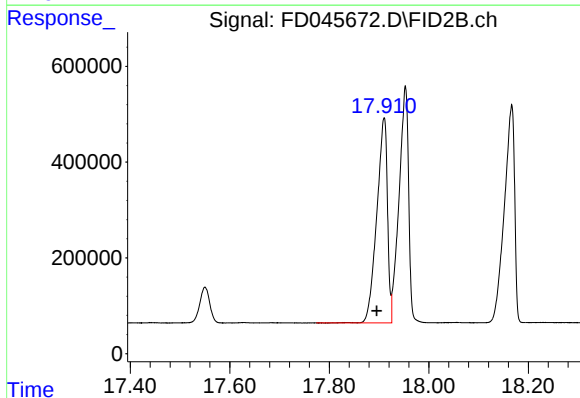
R.T.: 16.212 min
Delta R.T.: 0.016 min
Response: 7318971
Conc: 50.62 ug/ml

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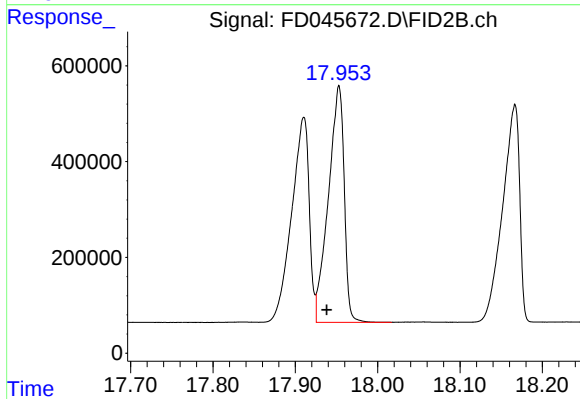
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: 0.012 min
Response: 6620241
Conc: 47.48 ug/ml



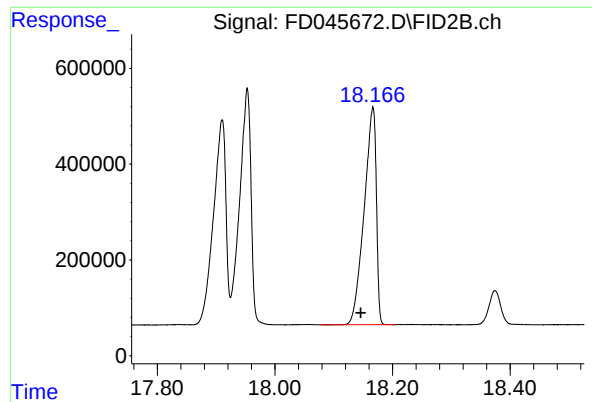
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.014 min
Response: 6368855
Conc: 50.13 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.014 min
Response: 6588358
Conc: 51.30 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.020 min
Response: 6519406
Conc: 50.69 ug/ml

Instrument :

FID_D

ClientSampleId :

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