

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045794.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jun 2023 11:38
 Operator : YP/AJ
 Sample : PB153208BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 04:40:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.532	8133326	45.113 ug/ml
Spiked Amount 50.000		Recovery =	90.23%
6) S 2-Fluorobiphenyl (SURR)	8.387	5218057	43.402 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.80%
11) S ortho-Terphenyl (SURR)	11.427	8399180	37.603 ug/ml
Spiked Amount 50.000		Recovery =	75.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.341	7503626	37.169 ug/ml
2) T Naphthalene (C11.7)	5.870	8456740	39.910 ug/ml
3) T 2-Methylnaphthalene (...)	6.920	8389270	39.721 ug/ml
5) T Acenaphthylene (C15.06)	8.192	9010607	47.559 ug/ml
7) T Acenaphthene (C15.5)	8.489	9498943	46.982 ug/ml
8) T Fluorene (C16.55)	9.267	9356900	47.225 ug/ml
9) T Phenanthrene (C19.36)	10.659	9430058	49.292 ug/ml
10) T Anthracene (C19.43)	10.734	9421101	55.305 ug/ml
12) T Fluoranthene (C21.85)	12.464	9311243	50.399 ug/ml
13) T Pyrene (C20.8)	12.759	9288379	52.007 ug/ml
14) T Benzo[a]anthracene (C...	14.623	8333698	53.227 ug/ml
15) T Chrysene (C27.41)	14.667	8231964	49.896 ug/ml
16) T benzo[b]fluoranthene ...	16.166	8093842	53.478 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	7792766	50.335 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	7111086	48.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	7044741	48.098 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	7292092	48.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.157	7388597	50.074 ug/ml

(f)=RT Delta > 1/2 Window

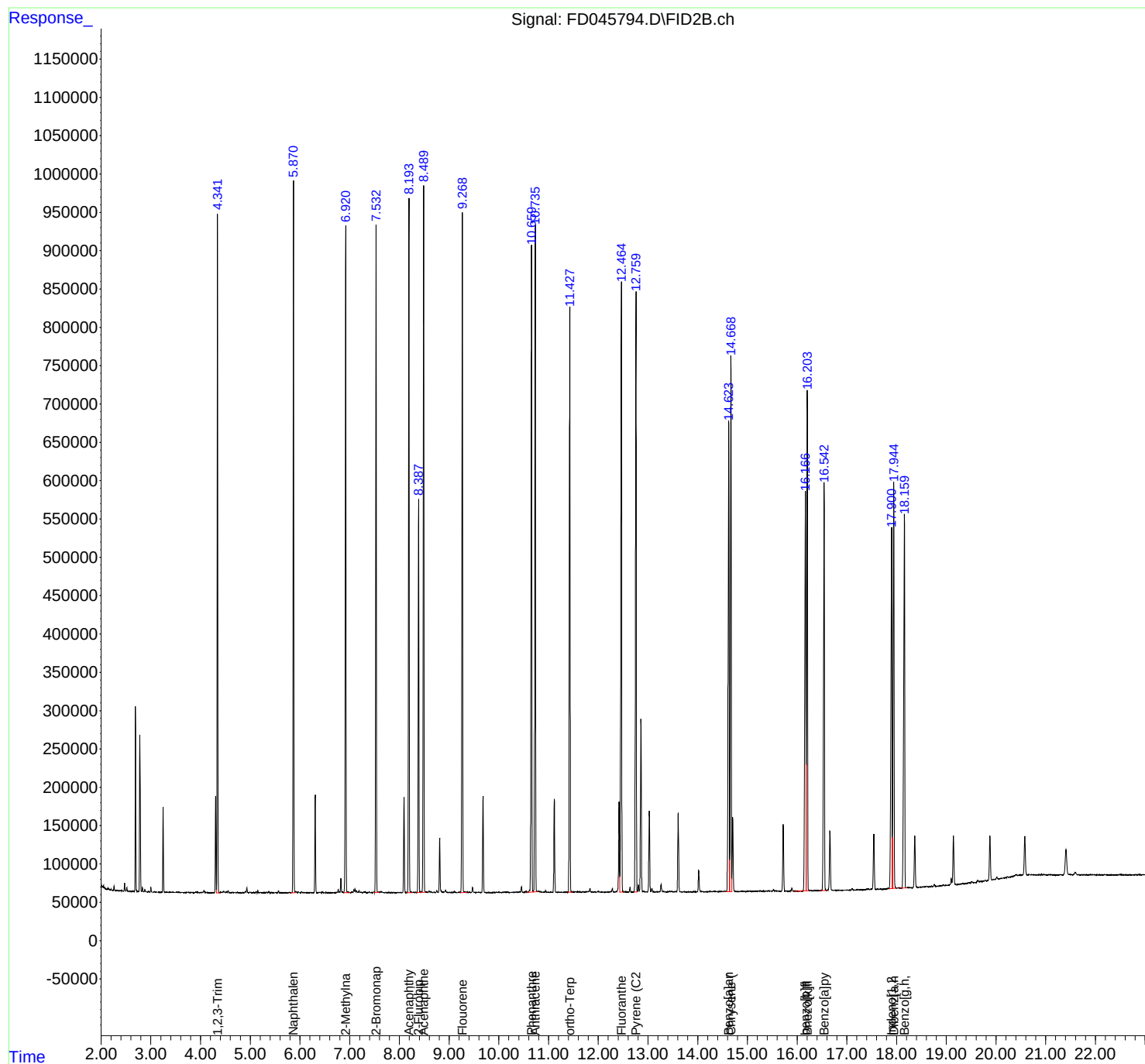
(m)=manual int.

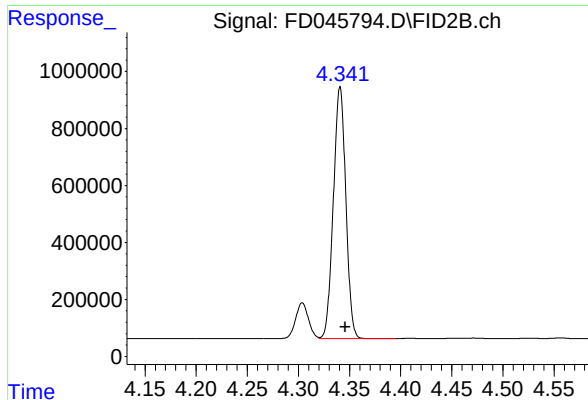
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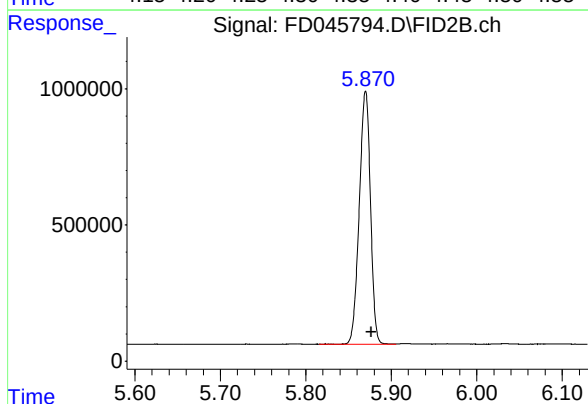




#1 1,2,3-Trimethylbenzene (C10.1)

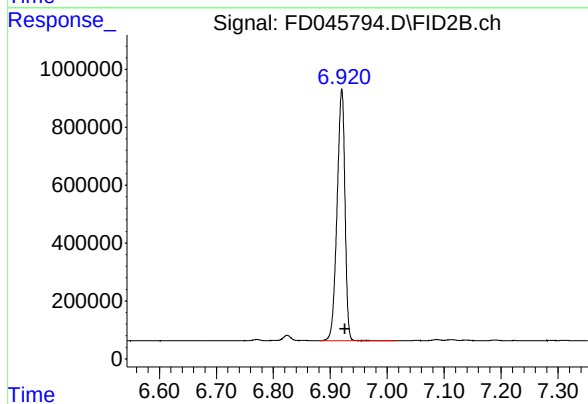
R.T.: 4.341 min
Delta R.T.: -0.005 min
Response: 7503626
Conc: 37.17 ug/ml

Instrument :
FID_D
ClientSampleId :



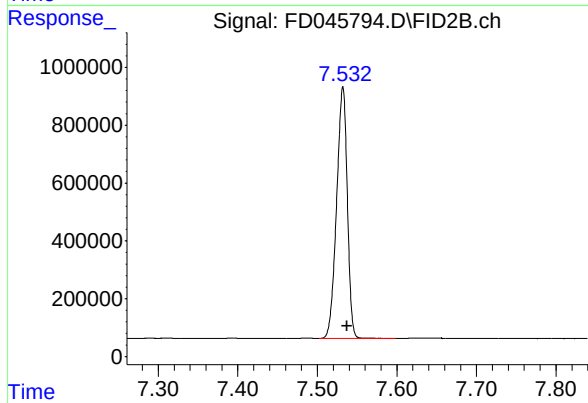
#2 Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 8456740
Conc: 39.91 ug/ml



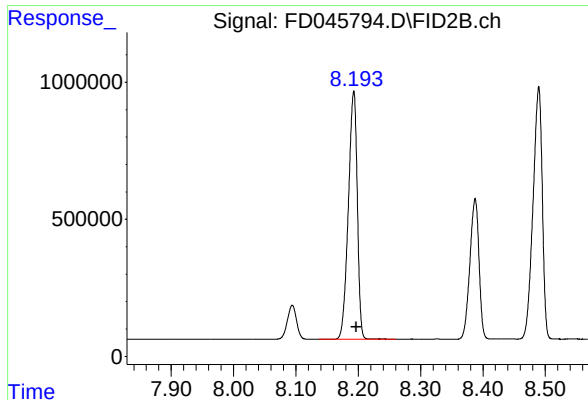
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.920 min
Delta R.T.: -0.006 min
Response: 8389270
Conc: 39.72 ug/ml



#4 2-Bromonaphthalene (SURR)

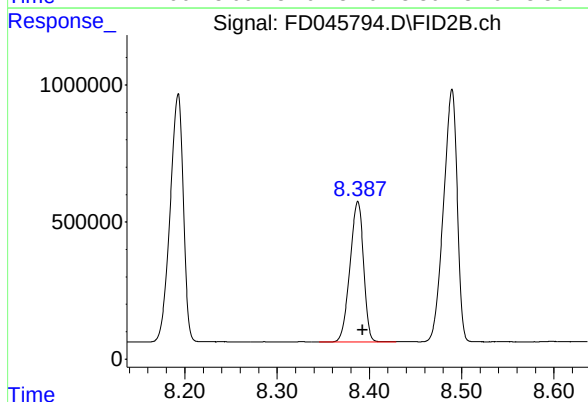
R.T.: 7.532 min
Delta R.T.: -0.005 min
Response: 8133326
Conc: 45.11 ug/ml



#5 Acenaphthylene (C15.06)

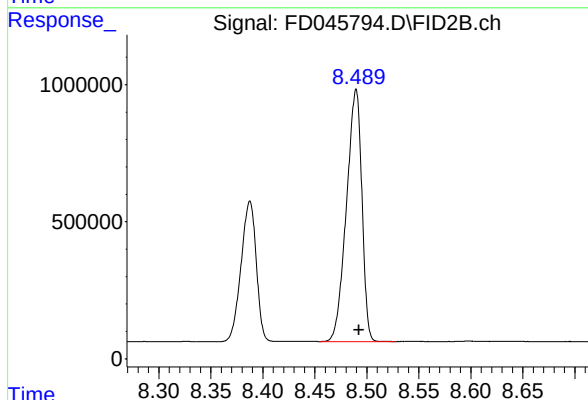
R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 9010607
Conc: 47.56 ug/ml

Instrument :
FID_D
ClientSampleId :



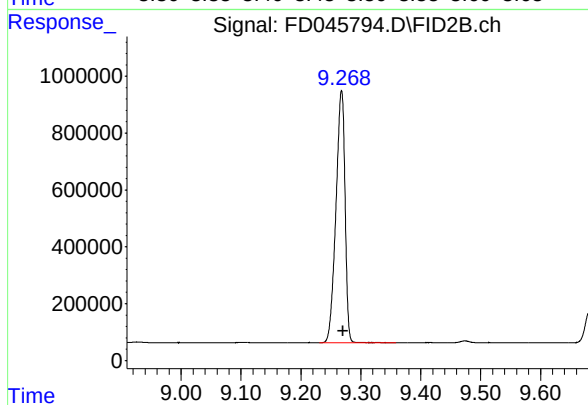
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 5218057
Conc: 43.40 ug/ml



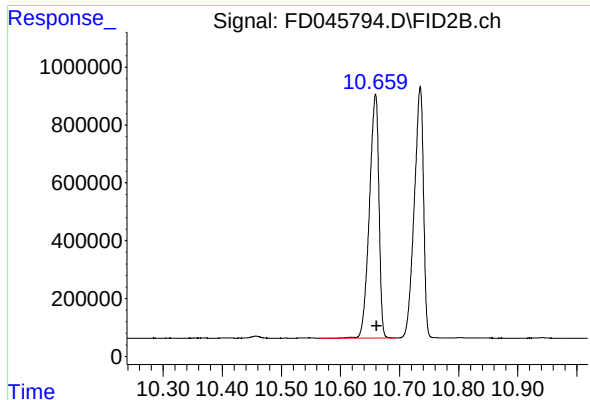
#7 Acenaphthene (C15.5)

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 9498943
Conc: 46.98 ug/ml



#8 Fluorene (C16.55)

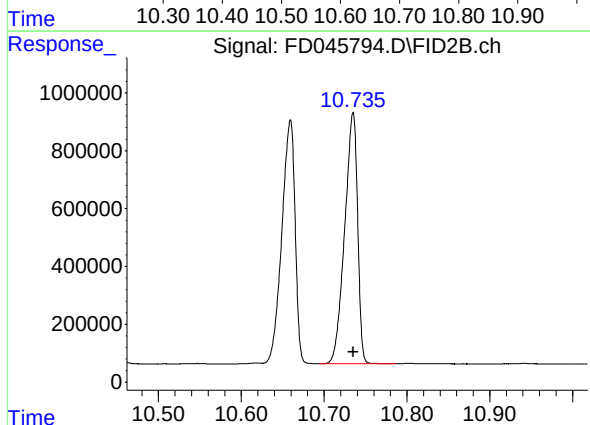
R.T.: 9.267 min
Delta R.T.: -0.003 min
Response: 9356900
Conc: 47.22 ug/ml



#9 Phenanthrene (C19.36)

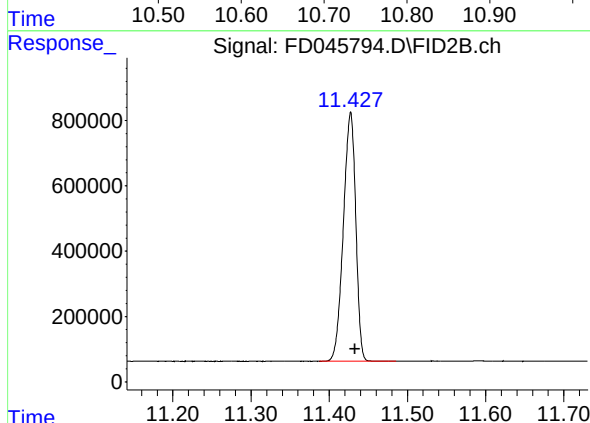
R.T.: 10.659 min
Delta R.T.: -0.002 min
Response: 9430058
Conc: 49.29 ug/ml

Instrument :
FID_D
ClientSampleId :



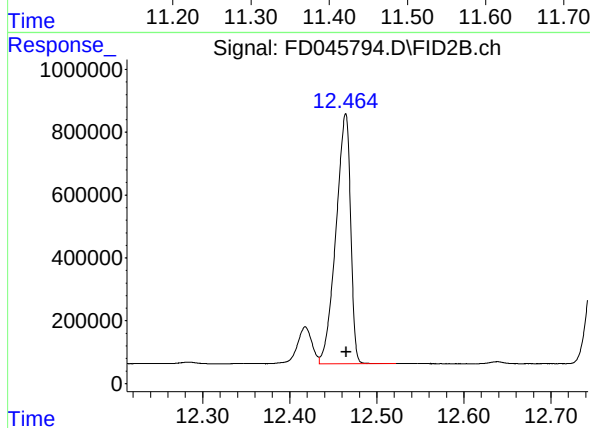
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: 0.000 min
Response: 9421101
Conc: 55.30 ug/ml



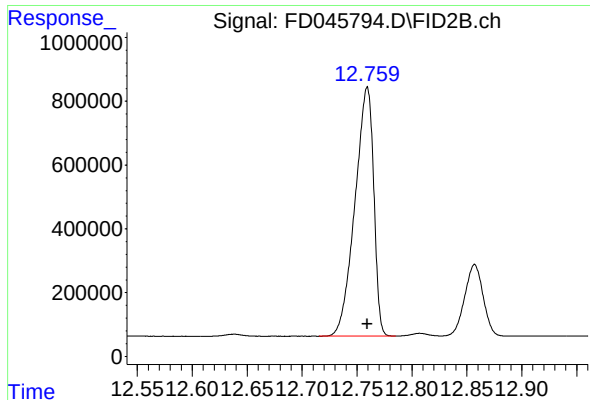
#11 ortho-Terphenyl (SURR)

R.T.: 11.427 min
Delta R.T.: -0.006 min
Response: 8399180
Conc: 37.60 ug/ml



#12 Fluoranthene (C21.85)

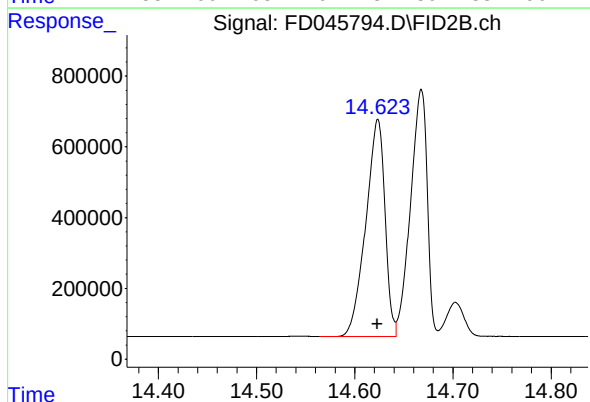
R.T.: 12.464 min
Delta R.T.: -0.001 min
Response: 9311243
Conc: 50.40 ug/ml



#13 Pyrene (C20.8)

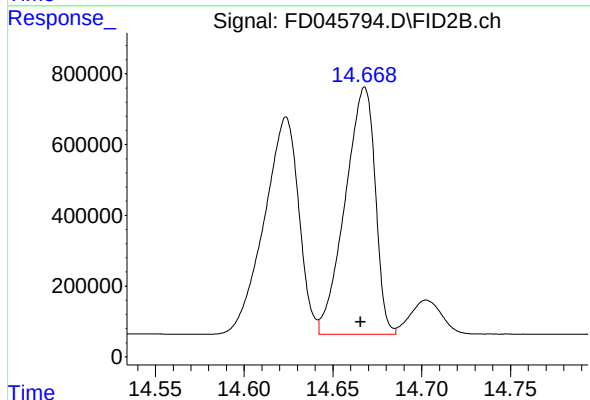
R.T.: 12.759 min
Delta R.T.: 0.000 min
Response: 9288379
Conc: 52.01 ug/ml

Instrument :
FID_D
ClientSampleId :



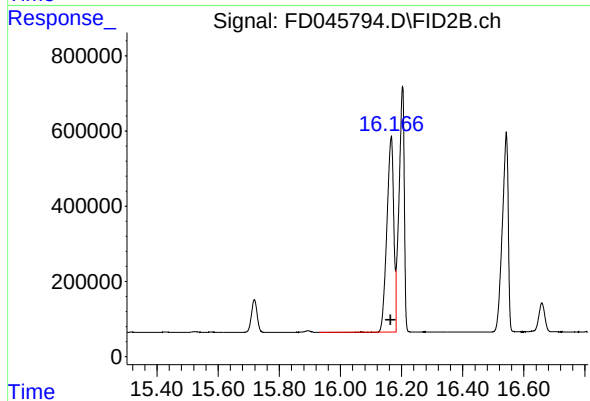
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.623 min
Delta R.T.: 0.000 min
Response: 8333698
Conc: 53.23 ug/ml



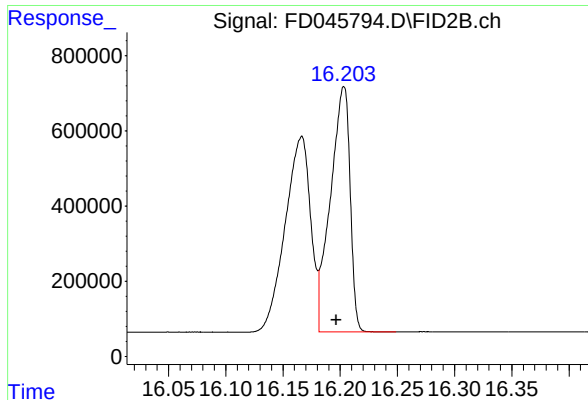
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: 0.002 min
Response: 8231964
Conc: 49.90 ug/ml



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

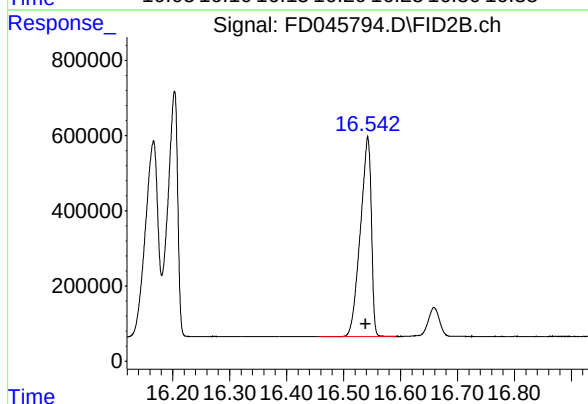
R.T.: 16.166 min
Delta R.T.: 0.001 min
Response: 8093842
Conc: 53.48 ug/ml



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

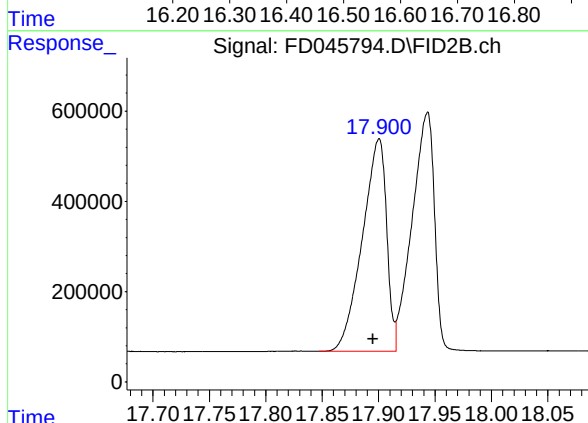
R.T.: 16.202 min
Delta R.T.: 0.006 min
Response: 7792766
Conc: 50.33 ug/ml

Instrument :
FID_D
ClientSampleId :



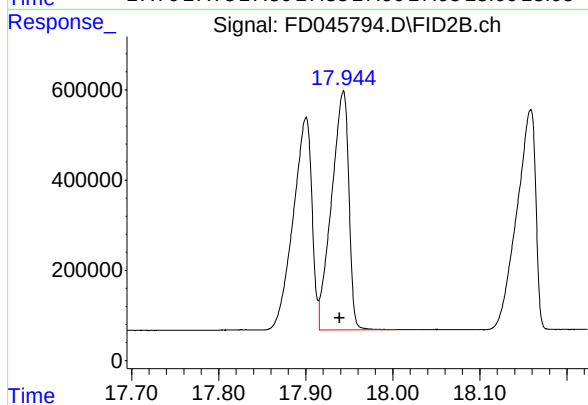
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: 0.003 min
Response: 7111086
Conc: 48.63 ug/ml



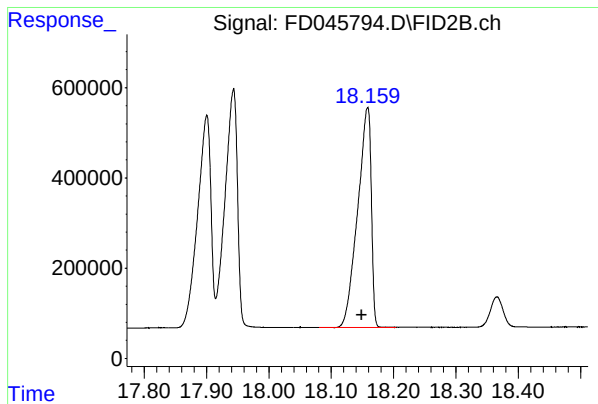
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 7044741
Conc: 48.10 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.003 min
Response: 7292092
Conc: 48.61 ug/ml



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

R.T.: 18.157 min

Delta R.T.: 0.008 min

Response: 7388597

Conc: 50.07 ug/ml

Instrument :

FID_D

ClientSampleId :