

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045952.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 17:00
 Operator : YP/AJ
 Sample : PB153491BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 25 05:35:49 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...	7.521	8504396	47.171 ug/ml
Spiked Amount 50.000		Recovery =	94.34%
6) S 2-Fluorobiphenyl (SURR)	8.377	5406384	44.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.94%
11) S ortho-Terphenyl (SURR)	11.417	8239570	36.888 ug/ml
Spiked Amount 50.000		Recovery =	73.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	7857716	38.923 ug/ml
2) T Naphthalene (C11.7)	5.860	8716024	41.134 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	8542701	40.448 ug/ml
5) T Acenaphthylene (C15.06)	8.182	9009045	47.551 ug/ml
7) T Acenaphthene (C15.5)	8.478	9401150	46.499 ug/ml
8) T Fluorene (C16.55)	9.257	9281304	46.843 ug/ml
9) T Phenanthrene (C19.36)	10.648	9333974	48.790 ug/ml
10) T Anthracene (C19.43)	10.724	9236627	54.222 ug/ml
12) T Fluoranthene (C21.85)	12.454	9116478	49.345 ug/ml
13) T Pyrene (C20.8)	12.749	9021836	50.515 ug/ml
14) T Benzo[a]anthracene (C...	14.614	8437909	53.893 ug/ml
15) T Chrysene (C27.41)	14.659	8319673	50.428 ug/ml
16) T benzo[b]fluoranthene ...	16.159	8608119	56.876 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	8281898	53.494 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	7628715	52.166 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	8048678	54.953 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	8025101	53.494 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	8139317	55.161 ug/ml

(f)=RT Delta > 1/2 Window

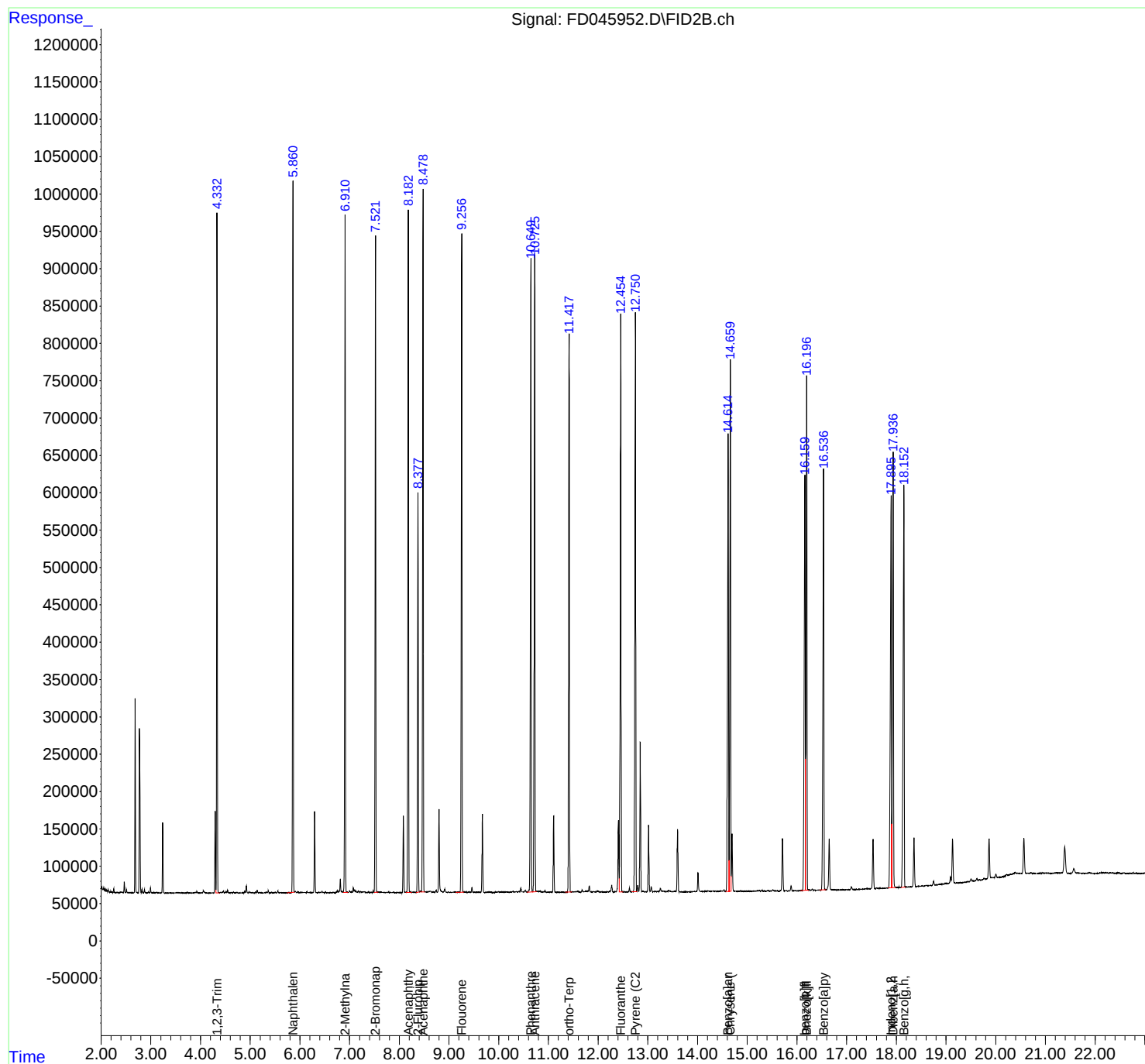
(m)=manual int.

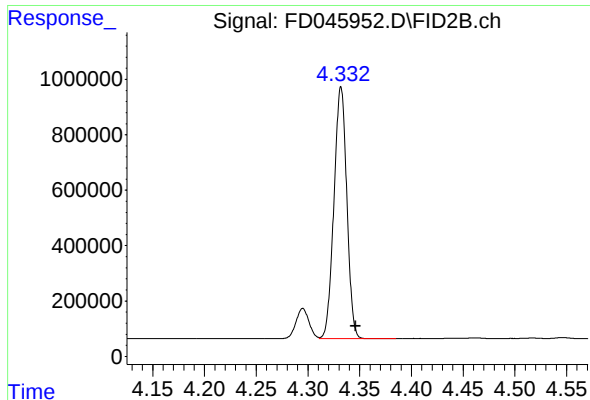
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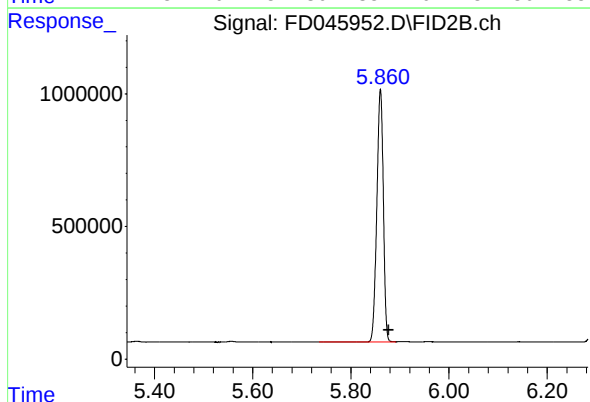
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.332 min
Delta R.T.: -0.014 min
Response: 7857716
Conc: 38.92 ug/ml

Instrument :

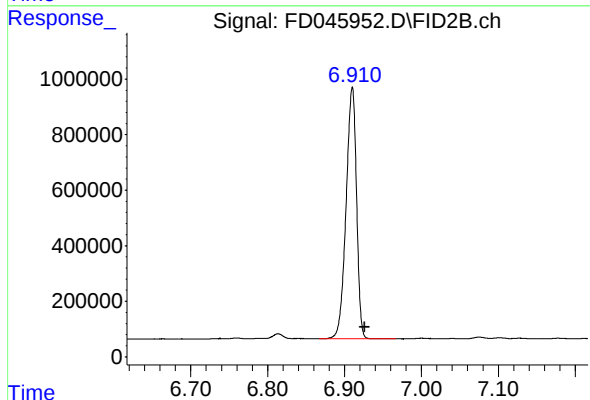
FID_D

ClientSampleId :



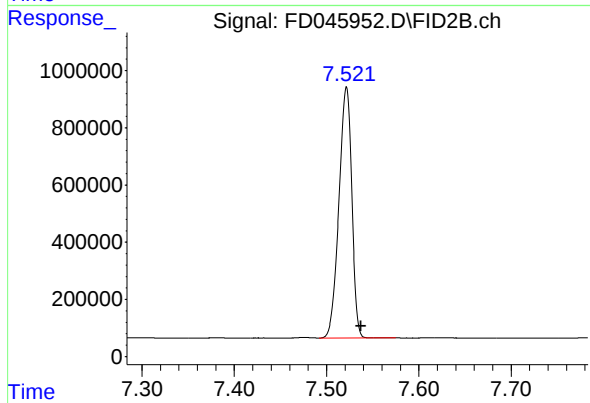
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.016 min
Response: 8716024
Conc: 41.13 ug/ml



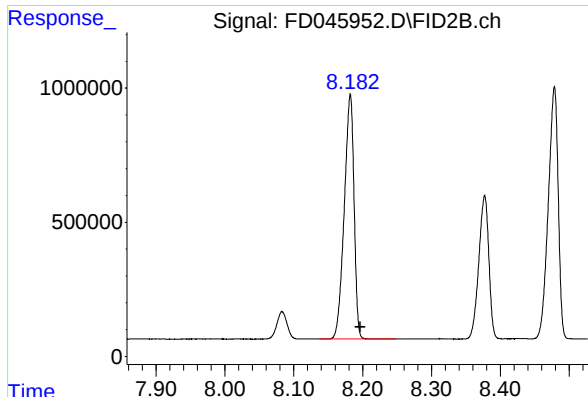
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 8542701
Conc: 40.45 ug/ml



#4 2-Bromonaphthalene (SURR)

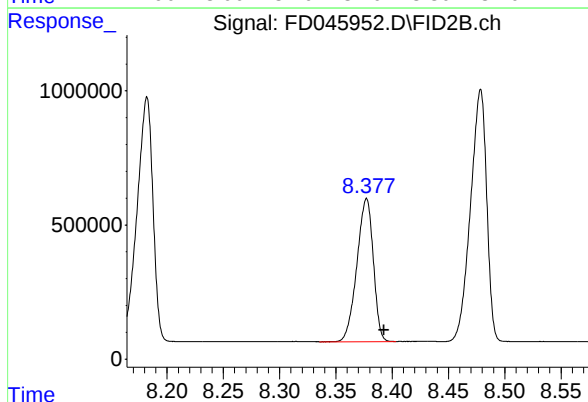
R.T.: 7.521 min
Delta R.T.: -0.016 min
Response: 8504396
Conc: 47.17 ug/ml



#5 Acenaphthylene (C15.06)

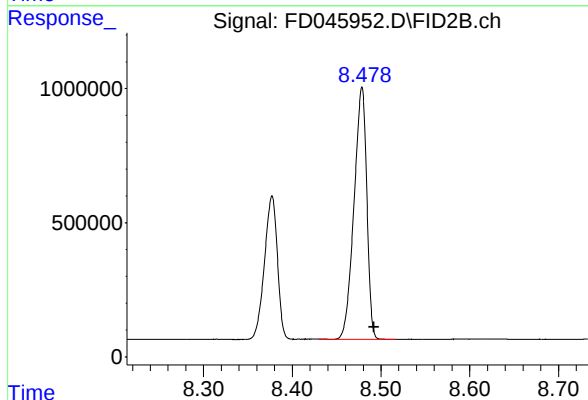
R.T.: 8.182 min
Delta R.T.: -0.015 min
Response: 9009045
Conc: 47.55 ug/ml

Instrument :
FID_D
ClientSampleId :



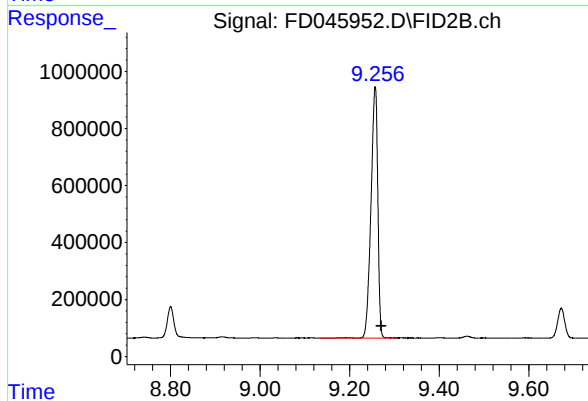
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: -0.016 min
Response: 5406384
Conc: 44.97 ug/ml



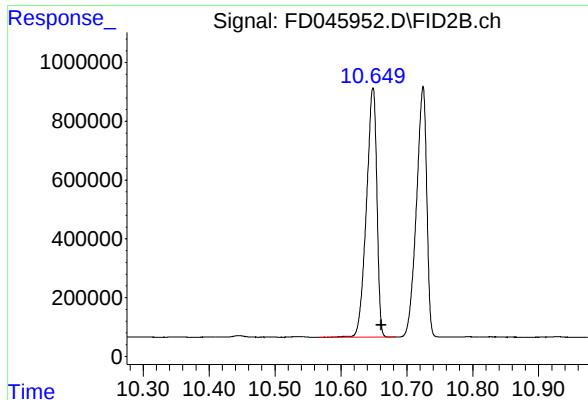
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 9401150
Conc: 46.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.257 min
Delta R.T.: -0.014 min
Response: 9281304
Conc: 46.84 ug/ml



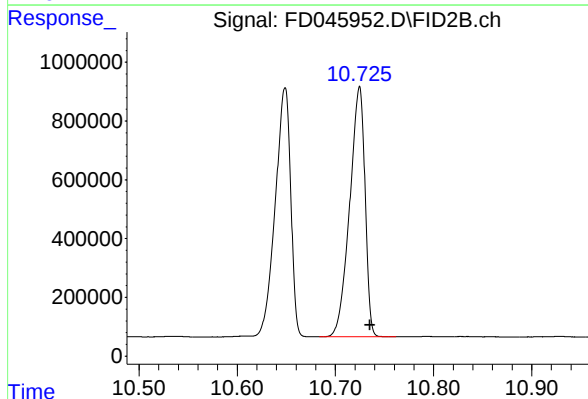
#9 Phenanthrene (C19.36)

R.T.: 10.648 min
Delta R.T.: -0.013 min
Response: 9333974
Conc: 48.79 ug/ml

Instrument :

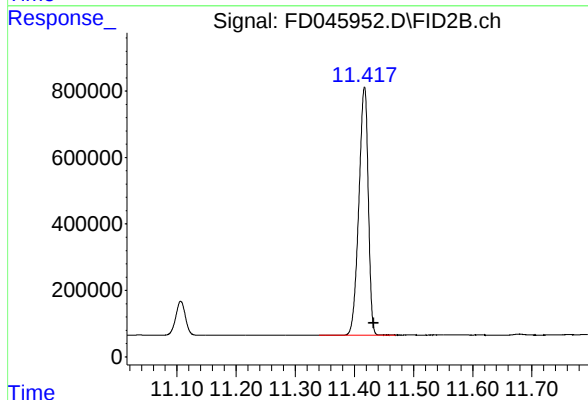
FID_D

ClientSampleId :



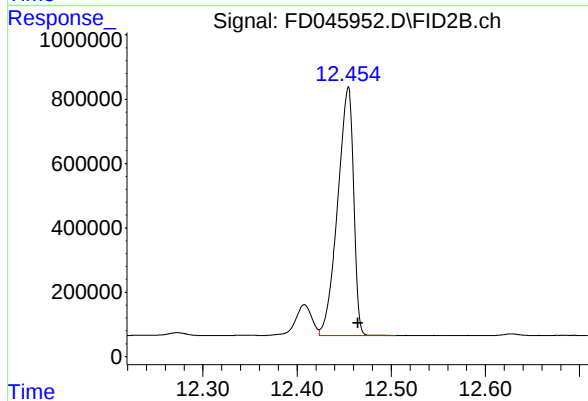
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.011 min
Response: 9236627
Conc: 54.22 ug/ml



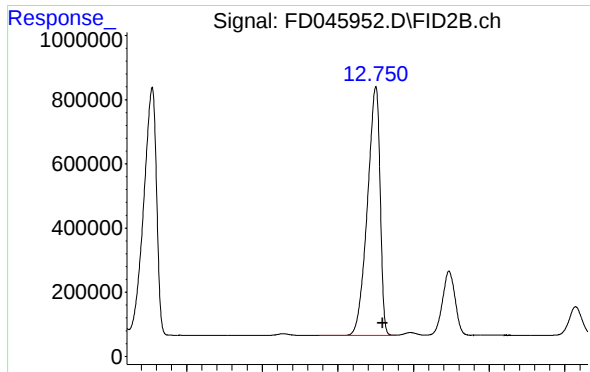
#11 ortho-Terphenyl (SURRE)

R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 8239570
Conc: 36.89 ug/ml



#12 Fluoranthene (C21.85)

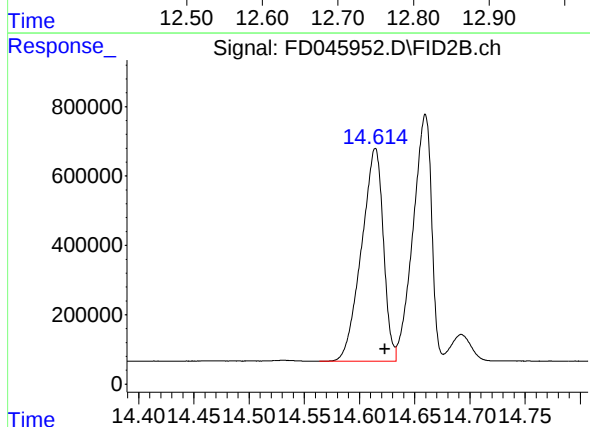
R.T.: 12.454 min
Delta R.T.: -0.011 min
Response: 9116478
Conc: 49.35 ug/ml



#13 Pyrene (C20.8)

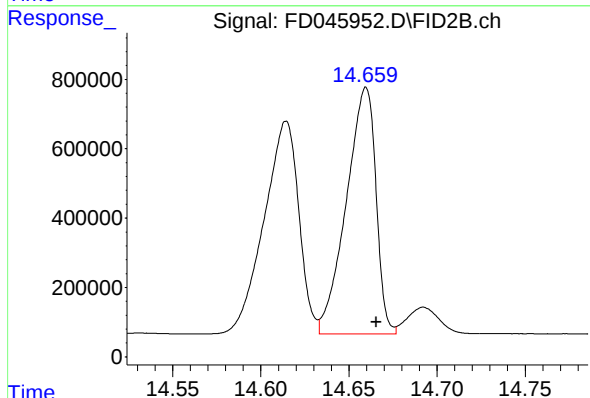
R.T.: 12.749 min
Delta R.T.: -0.010 min
Response: 9021836
Conc: 50.51 ug/ml

Instrument :
FID_D
ClientSampleId :



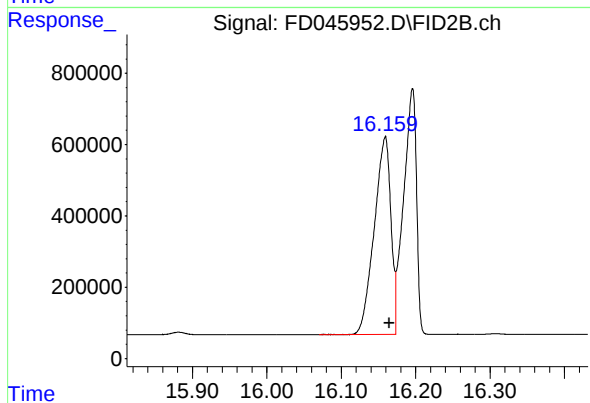
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.614 min
Delta R.T.: -0.009 min
Response: 8437909
Conc: 53.89 ug/ml



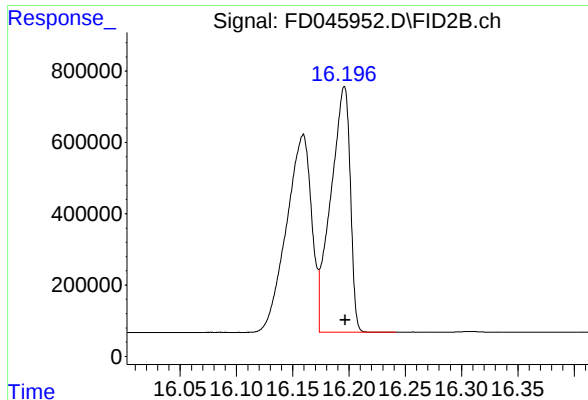
#15 Chrysene (C27.41)

R.T.: 14.659 min
Delta R.T.: -0.007 min
Response: 8319673
Conc: 50.43 ug/ml



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

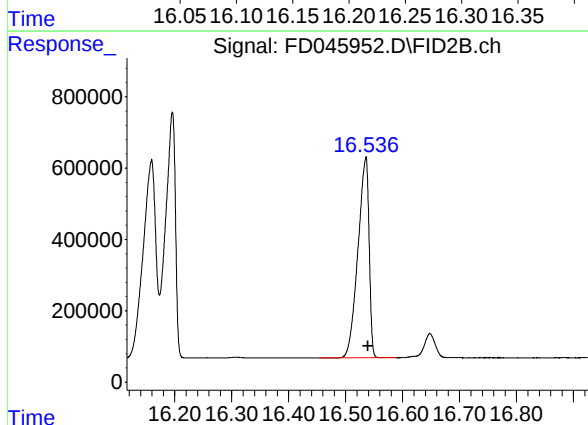
R.T.: 16.159 min
Delta R.T.: -0.006 min
Response: 8608119
Conc: 56.88 ug/ml



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

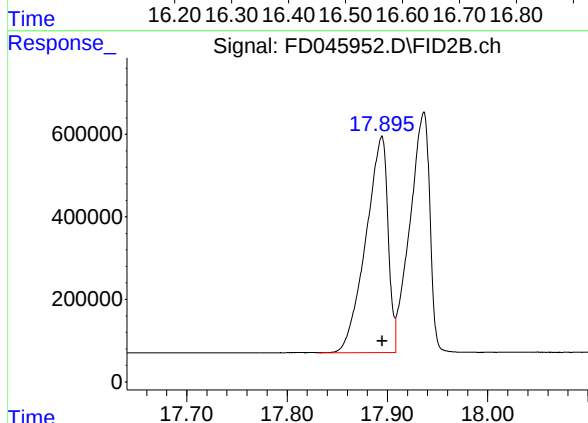
R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 8281898
Conc: 53.49 ug/ml

Instrument :
FID_D
ClientSampleId :



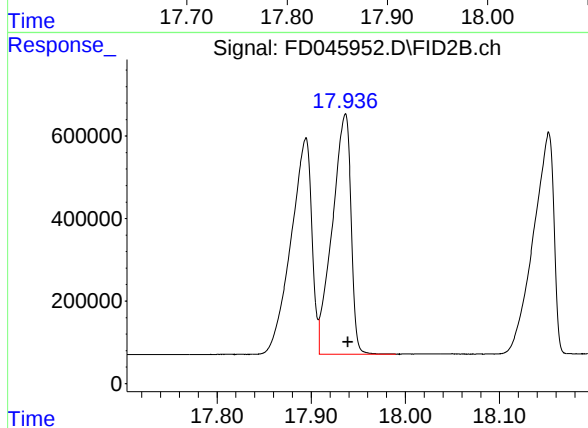
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: -0.005 min
Response: 7628715
Conc: 52.17 ug/ml



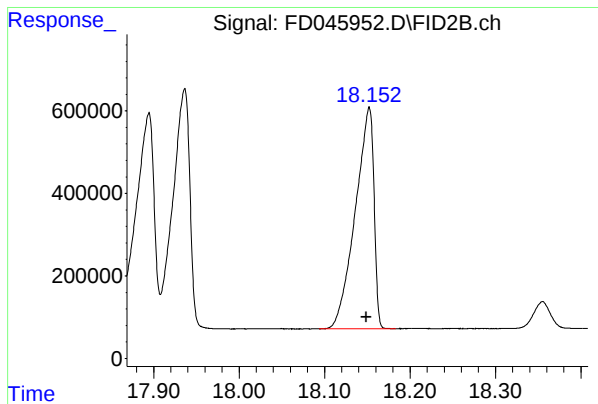
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 8048678
Conc: 54.95 ug/ml



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

R.T.: 17.935 min
Delta R.T.: -0.004 min
Response: 8025101
Conc: 53.49 ug/ml



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

R.T.: 18.151 min
Delta R.T.: 0.002 min
Response: 8139317
Conc: 55.16 ug/ml

Instrument :

FID_D

ClientSampleId :