

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045156.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 11:23
 Operator : YP/AJ
 Sample : PB151036BS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 03:00:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.554	6758595	50.392 ug/ml
Spiked Amount 50.000		Recovery =	100.78%
6) S 2-Fluorobiphenyl (SURR)	8.411	4331861	48.336 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.67%
11) S ortho-Terphenyl (SURR)	11.451	7226995	42.969 ug/ml
Spiked Amount 50.000		Recovery =	85.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	5223033	34.887 ug/ml
2) T Naphthalene (C11.7)	5.893	6153215	39.191 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	6300741	40.273 ug/ml
5) T Acenaphthylene (C15.06)	8.215	7095020	49.691 ug/ml
7) T Acenaphthene (C15.5)	8.511	7254104	48.106 ug/ml
8) T Fluorene (C16.55)	9.290	7472146	50.693 ug/ml
9) T Phenanthrene (C19.36)	10.682	7789591	53.811 ug/ml
10) T Anthracene (C19.43)	10.757	7740435	57.171 ug/ml
12) T Fluoranthene (C21.85)	12.489	7945251	55.432 ug/ml
13) T Pyrene (C20.8)	12.785	7900946	56.425 ug/ml
14) T Benzo[a]anthracene (C...	14.650	7446191	58.530 ug/ml
15) T Chrysene (C27.41)	14.695	7256715	54.804 ug/ml
16) T benzo[b]fluoranthene ...	16.195	7403488	56.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	7035892	54.256 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	6602281	51.437 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.931	7044545	56.085 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	6540512	53.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	6865733	54.117 ug/ml

(f)=RT Delta > 1/2 Window

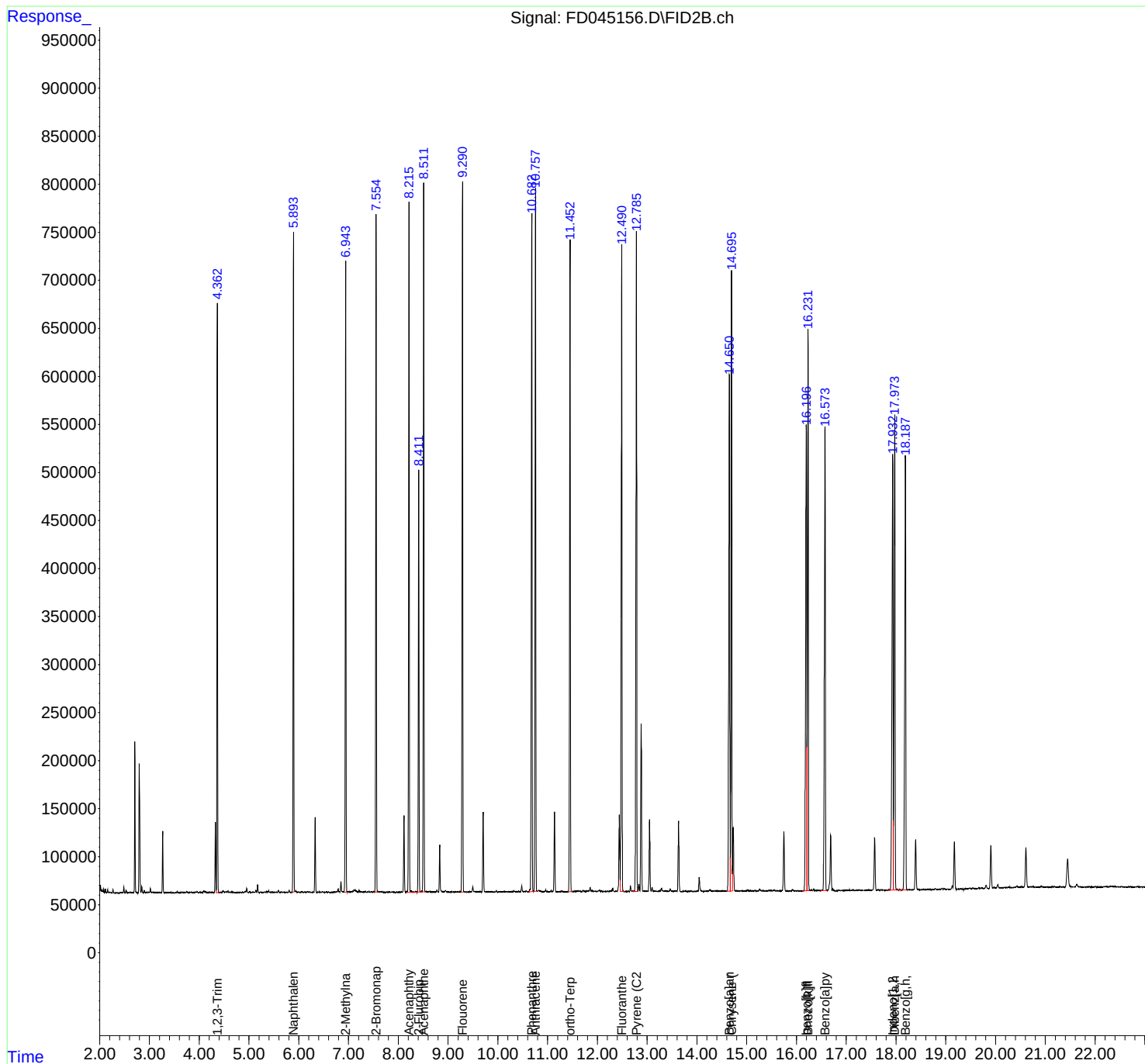
(m)=manual int.

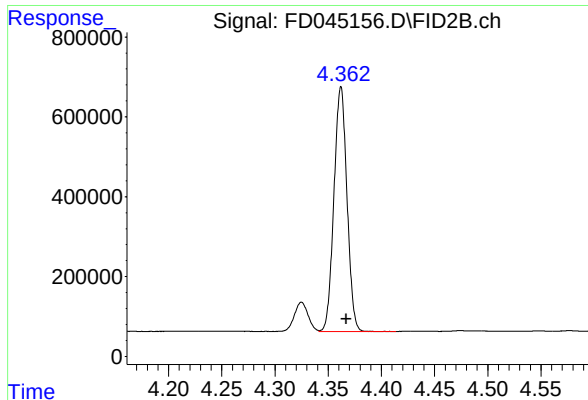
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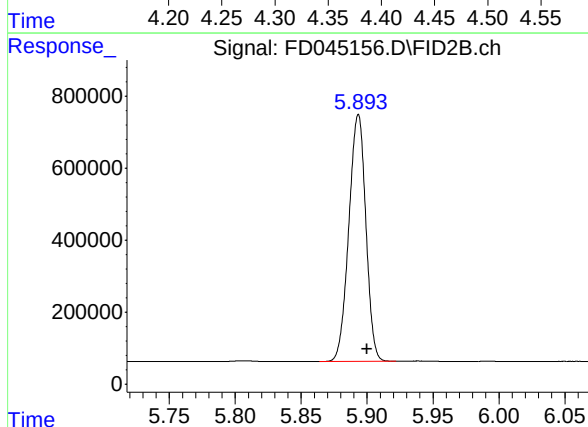




#1 1,2,3-Trimethylbenzene (C10.1)

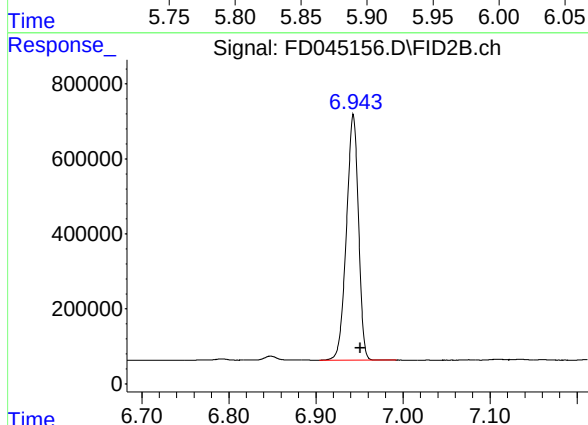
R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 5223033
Conc: 34.89 ug/ml

Instrument :
FID_D
ClientSampleId :



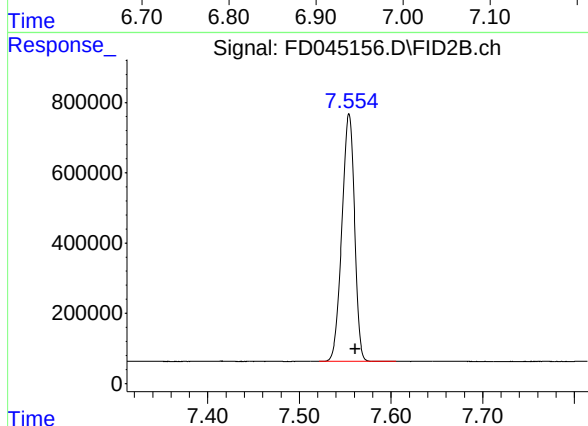
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 6153215
Conc: 39.19 ug/ml



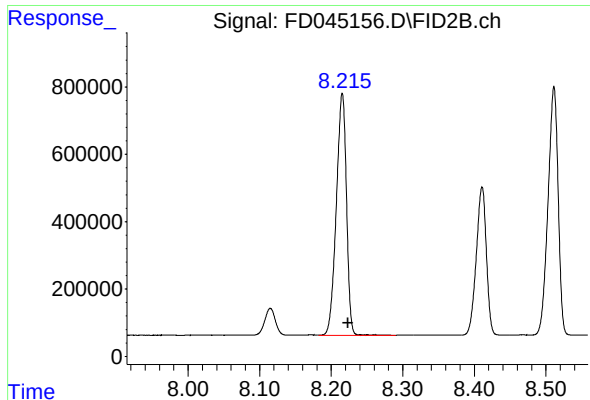
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 6300741
Conc: 40.27 ug/ml



#4 2-Bromonaphthalene (SURR)

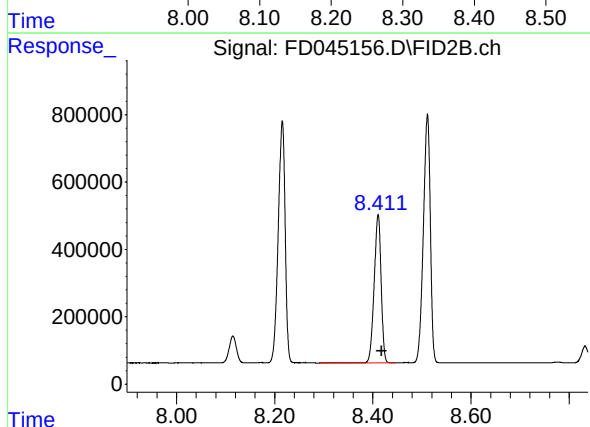
R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 6758595
Conc: 50.39 ug/ml



#5 Acenaphthylene (C15.06)

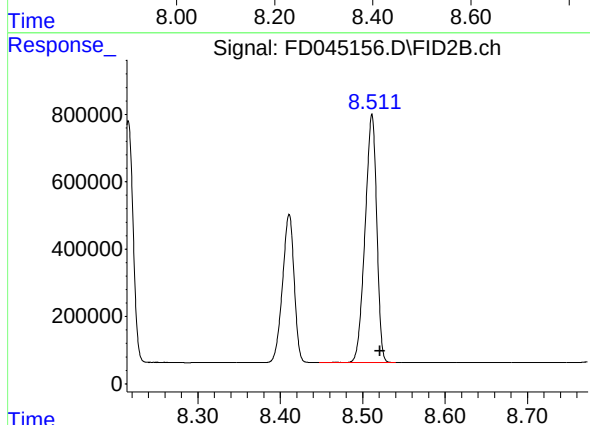
R.T.: 8.215 min
Delta R.T.: -0.008 min
Response: 7095020
Conc: 49.69 ug/ml

Instrument :
FID_D
ClientSampleId :



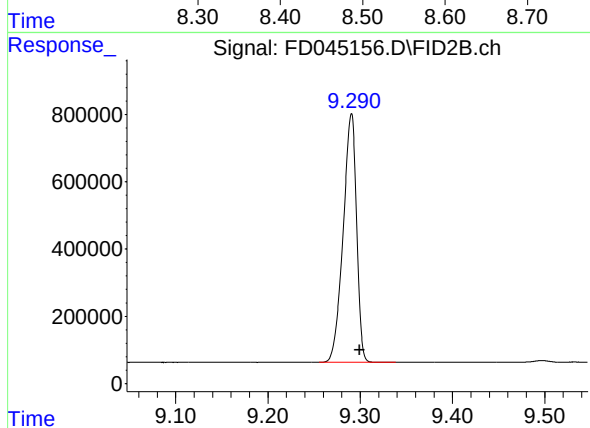
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.008 min
Response: 4331861
Conc: 48.34 ug/ml



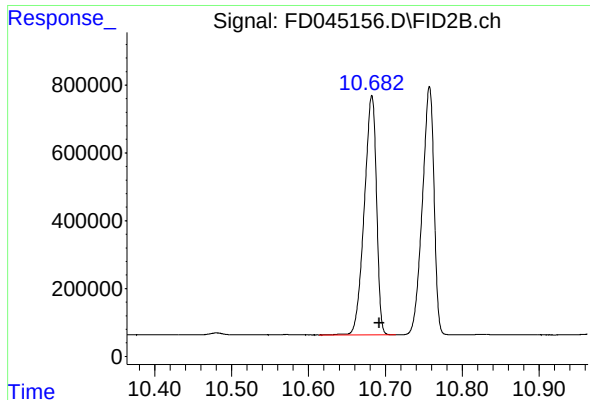
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.010 min
Response: 7254104
Conc: 48.11 ug/ml



#8 Flouorene (C16.55)

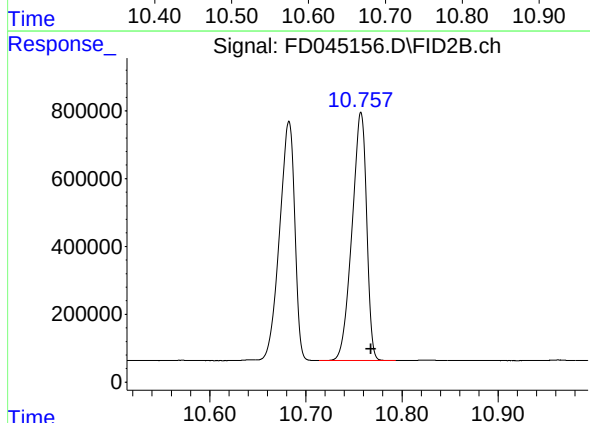
R.T.: 9.290 min
Delta R.T.: -0.009 min
Response: 7472146
Conc: 50.69 ug/ml



#9 Phenanthrene (C19.36)

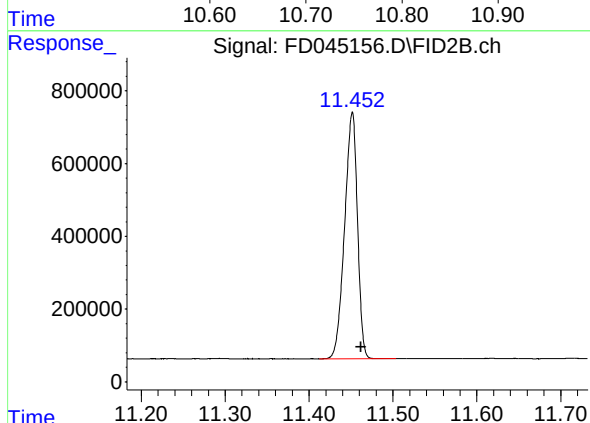
R.T.: 10.682 min
Delta R.T.: -0.010 min
Response: 7789591
Conc: 53.81 ug/ml

Instrument :
FID_D
ClientSampleId :



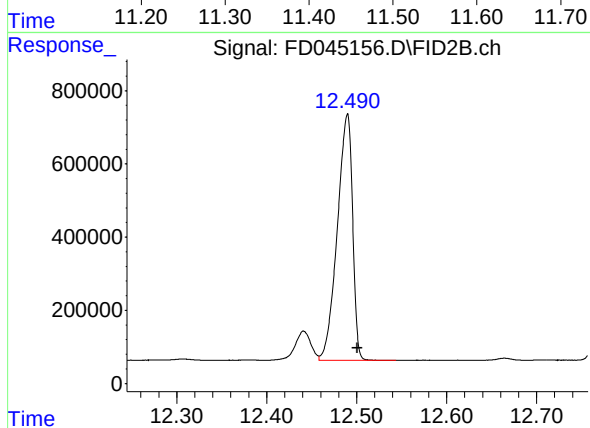
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.011 min
Response: 7740435
Conc: 57.17 ug/ml



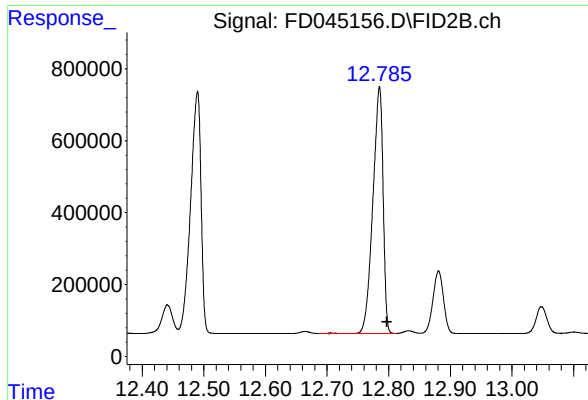
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.011 min
Response: 7226995
Conc: 42.97 ug/ml



#12 Fluoranthene (C21.85)

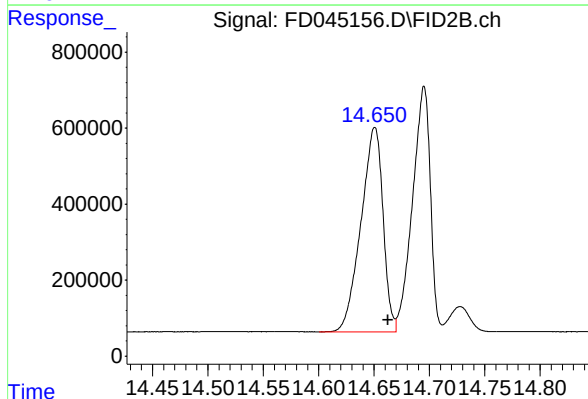
R.T.: 12.489 min
Delta R.T.: -0.011 min
Response: 7945251
Conc: 55.43 ug/ml



#13 Pyrene (C20.8)

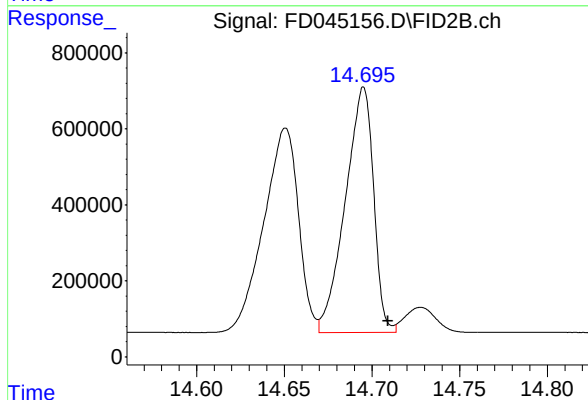
R.T.: 12.785 min
Delta R.T.: -0.012 min
Response: 7900946
Conc: 56.42 ug/ml

Instrument :
FID_D
ClientSampleId :



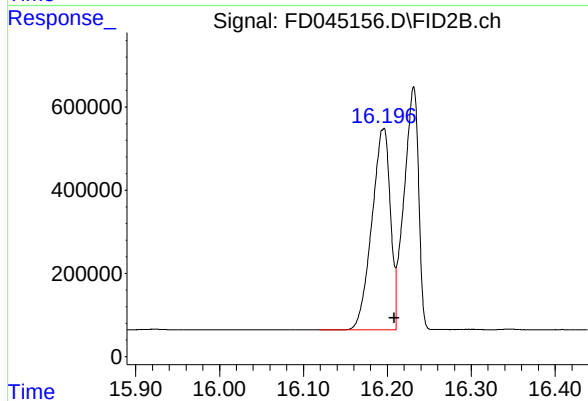
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.012 min
Response: 7446191
Conc: 58.53 ug/ml



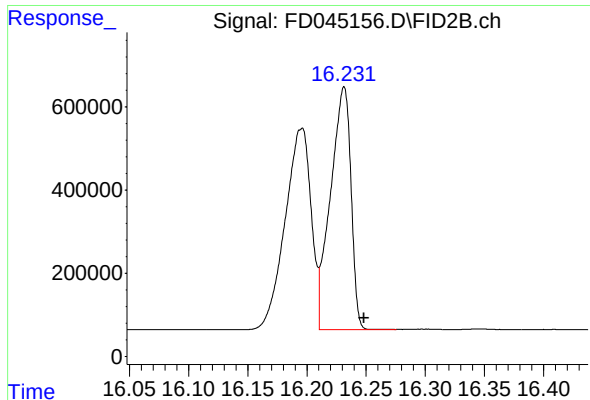
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: -0.014 min
Response: 7256715
Conc: 54.80 ug/ml



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

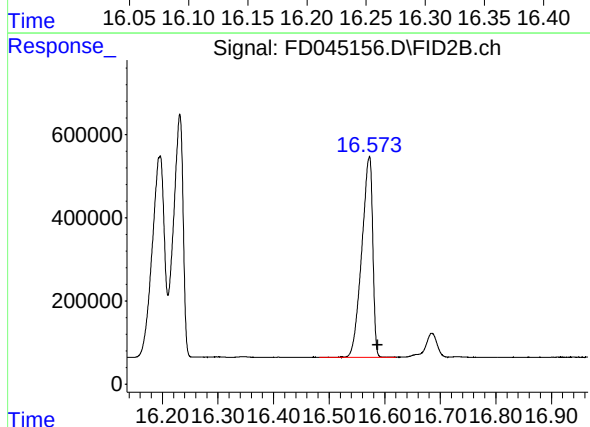
R.T.: 16.195 min
Delta R.T.: -0.013 min
Response: 7403488
Conc: 56.45 ug/ml



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

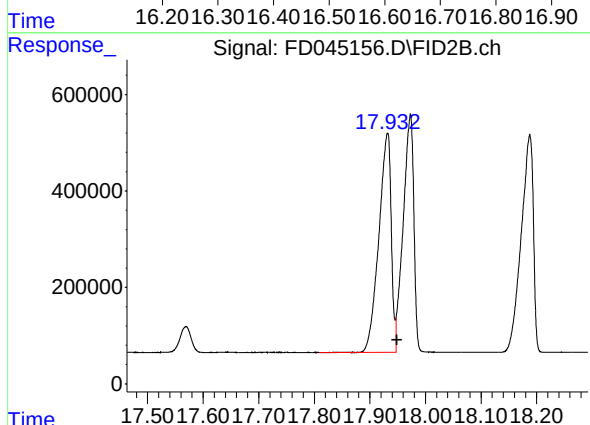
R.T.: 16.231 min
Delta R.T.: -0.017 min
Response: 7035892
Conc: 54.26 ug/ml

Instrument :
FID_D
ClientSampleId :



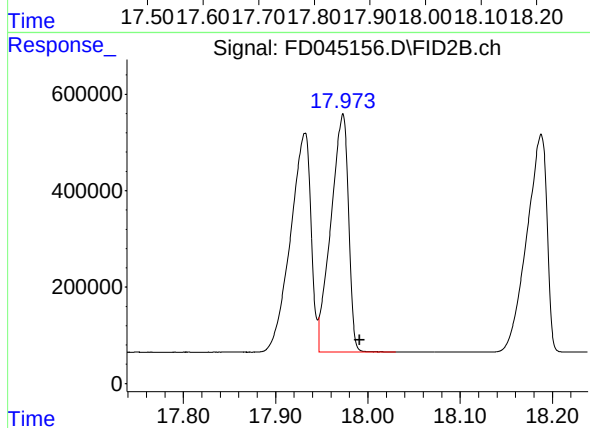
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: -0.016 min
Response: 6602281
Conc: 51.44 ug/ml



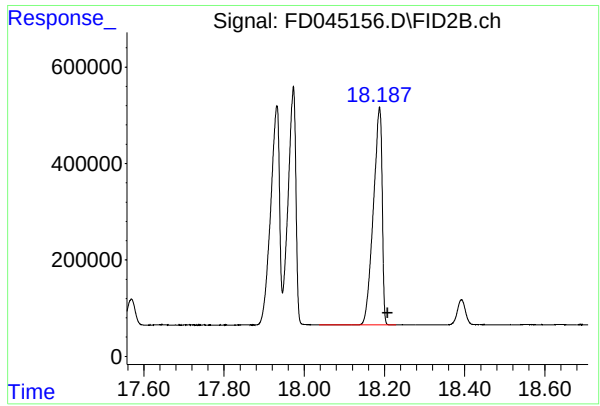
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min
Delta R.T.: -0.018 min
Response: 7044545
Conc: 56.08 ug/ml



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

R.T.: 17.972 min
Delta R.T.: -0.019 min
Response: 6540512
Conc: 53.48 ug/ml



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

R.T.: 18.187 min
Delta R.T.: -0.021 min
Response: 6865733
Conc: 54.12 ug/ml

Instrument :

FID_D

ClientSampleId :