

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045951.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 16:19
 Operator : YP/AJ
 Sample : PB153491BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 25 05:35:42 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...	7.522	8238043	45.694 ug/ml
Spiked Amount 50.000		Recovery =	91.39%
6) S 2-Fluorobiphenyl (SURR)	8.378	5230062	43.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.00%
11) S ortho-Terphenyl (SURR)	11.416	7975108	35.704 ug/ml
Spiked Amount 50.000		Recovery =	71.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	7614681	37.719 ug/ml
2) T Naphthalene (C11.7)	5.861	8441663	39.839 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	8275922	39.185 ug/ml
5) T Acenaphthylene (C15.06)	8.182	8720718	46.029 ug/ml
7) T Acenaphthene (C15.5)	8.479	9106349	45.041 ug/ml
8) T Fluorene (C16.55)	9.257	8982500	45.335 ug/ml
9) T Phenanthrene (C19.36)	10.648	9016491	47.130 ug/ml
10) T Anthracene (C19.43)	10.724	8919302	52.359 ug/ml
12) T Fluoranthene (C21.85)	12.453	8784816	47.550 ug/ml
13) T Pyrene (C20.8)	12.749	8696050	48.691 ug/ml
14) T Benzo[a]anthracene (C...	14.614	8112770	51.816 ug/ml
15) T Chrysene (C27.41)	14.658	8008299	48.541 ug/ml
16) T benzo[b]fluoranthene ...	16.158	8307038	54.887 ug/ml
17) T Bnezo[k]fluoranthene ...	16.193	7923459	51.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	7331642	50.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	7747992	52.900 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	7657798	51.046 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	7819812	52.996 ug/ml

(f)=RT Delta > 1/2 Window

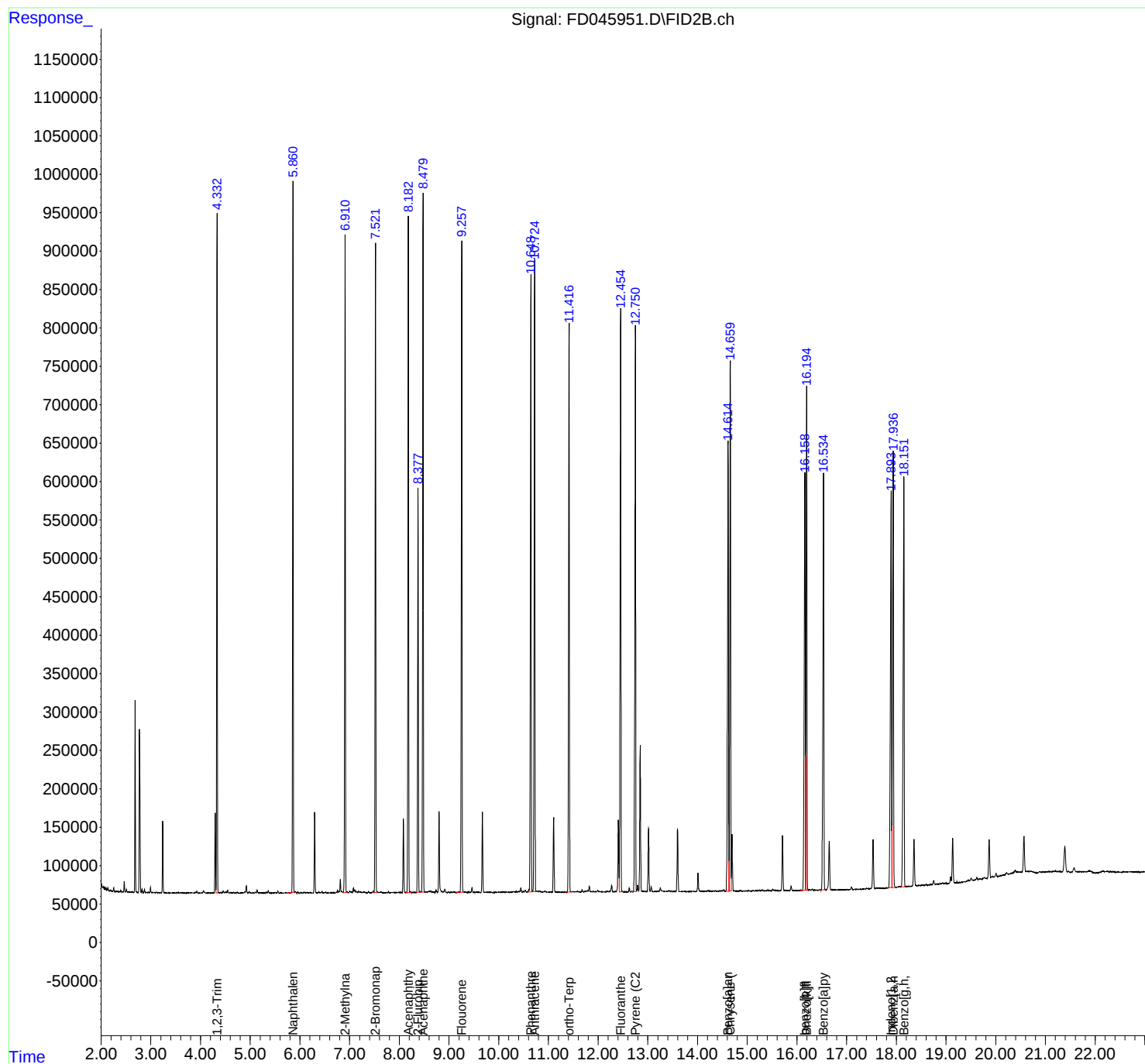
(m)=manual int.

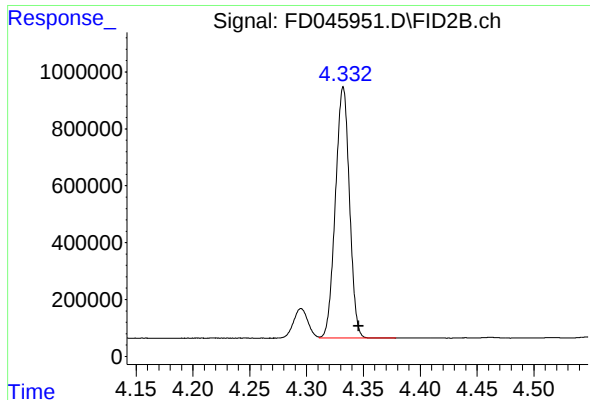
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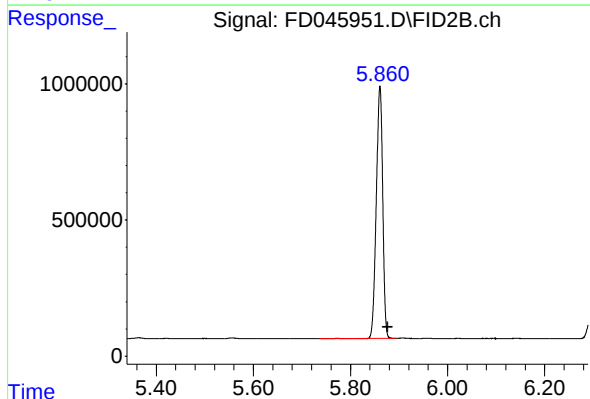




#1 1,2,3-Trimethylbenzene (C10.1)

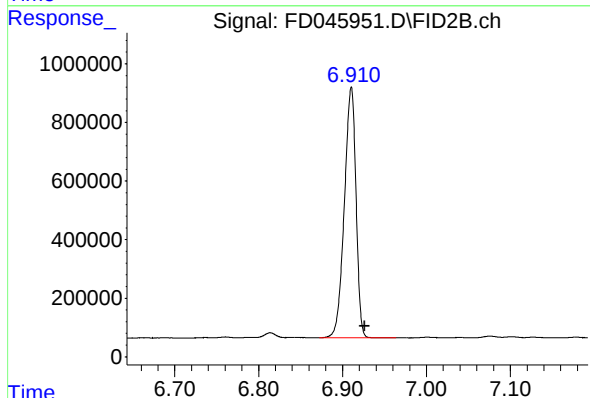
R.T.: 4.332 min
Delta R.T.: -0.014 min
Response: 7614681
Conc: 37.72 ug/ml

Instrument :
FID_D
ClientSampleId :



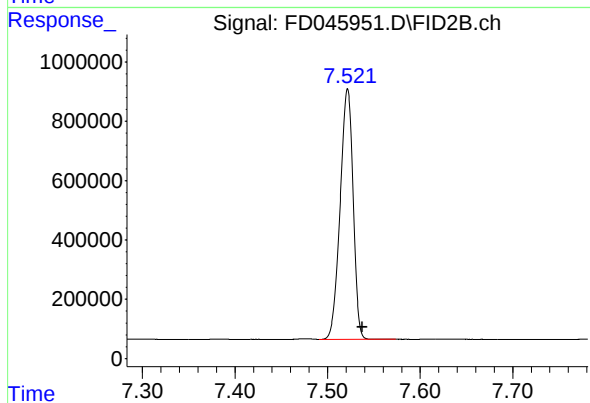
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.016 min
Response: 8441663
Conc: 39.84 ug/ml



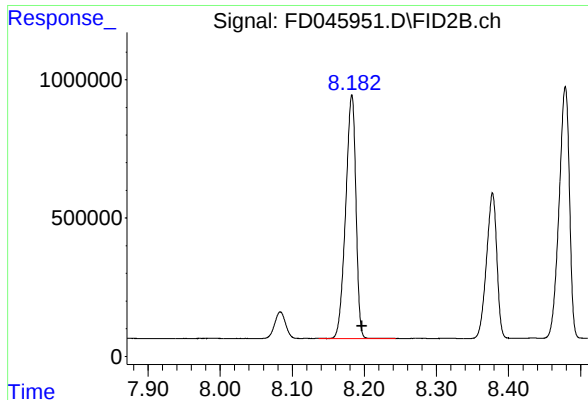
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 8275922
Conc: 39.18 ug/ml



#4 2-Bromonaphthalene (SURR)

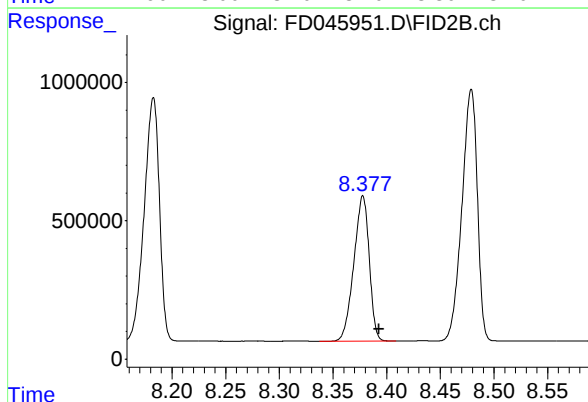
R.T.: 7.522 min
Delta R.T.: -0.016 min
Response: 8238043
Conc: 45.69 ug/ml



#5 Acenaphthylene (C15.06)

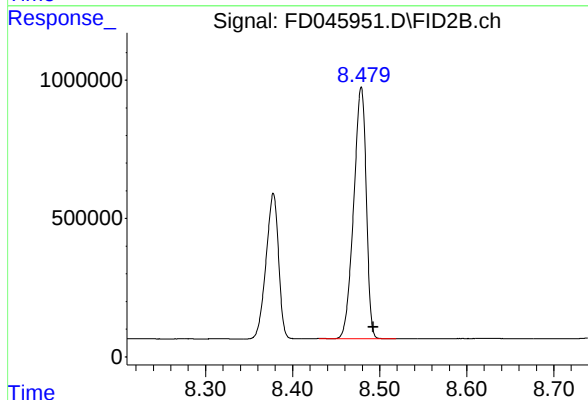
R.T.: 8.182 min
Delta R.T.: -0.014 min
Response: 8720718
Conc: 46.03 ug/ml

Instrument :
FID_D
ClientSampleId :



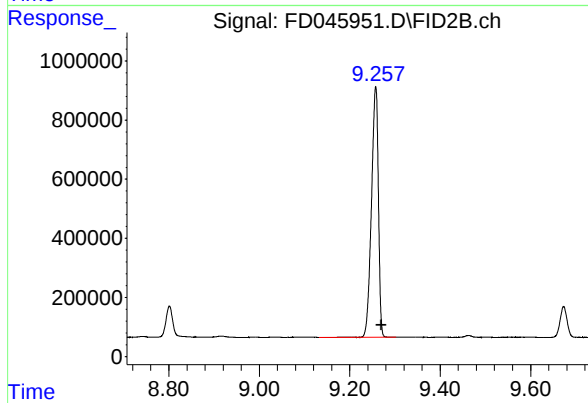
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 5230062
Conc: 43.50 ug/ml



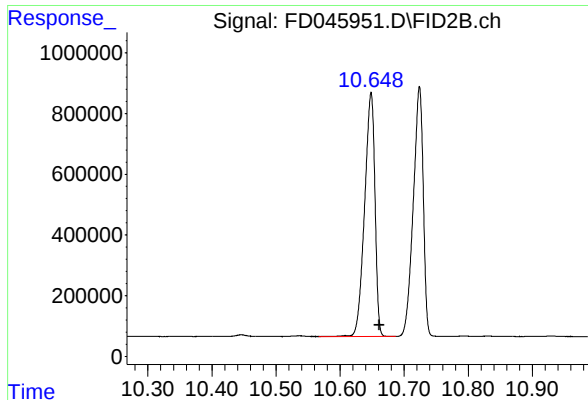
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: -0.014 min
Response: 9106349
Conc: 45.04 ug/ml



#8 Flouorene (C16.55)

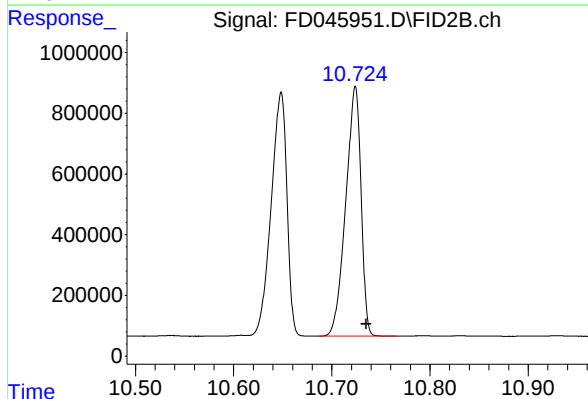
R.T.: 9.257 min
Delta R.T.: -0.013 min
Response: 8982500
Conc: 45.34 ug/ml



#9 Phenanthrene (C19.36)

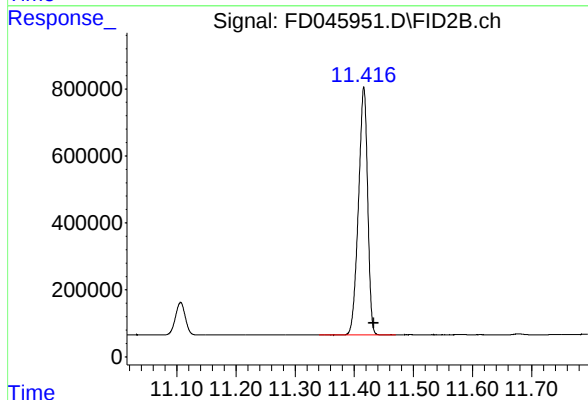
R.T.: 10.648 min
Delta R.T.: -0.013 min
Response: 9016491
Conc: 47.13 ug/ml

Instrument :
FID_D
ClientSampleId :



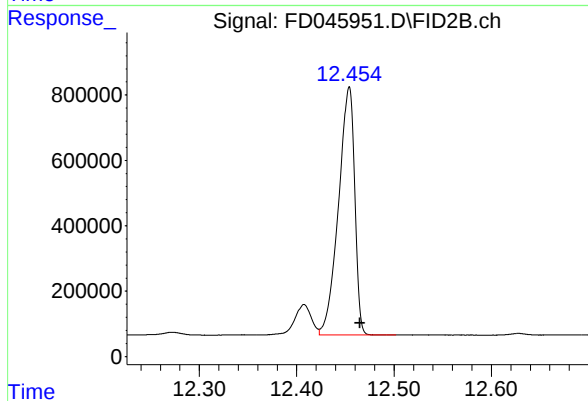
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.012 min
Response: 8919302
Conc: 52.36 ug/ml



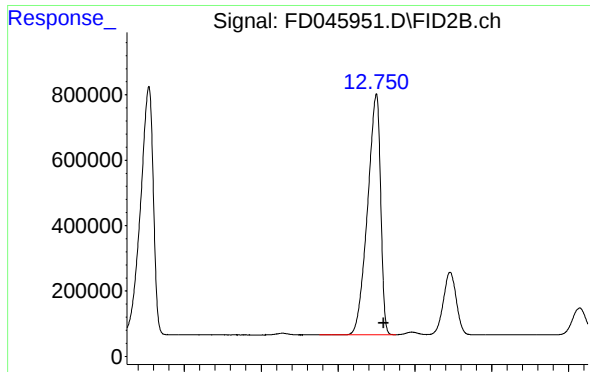
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.017 min
Response: 7975108
Conc: 35.70 ug/ml



#12 Fluoranthene (C21.85)

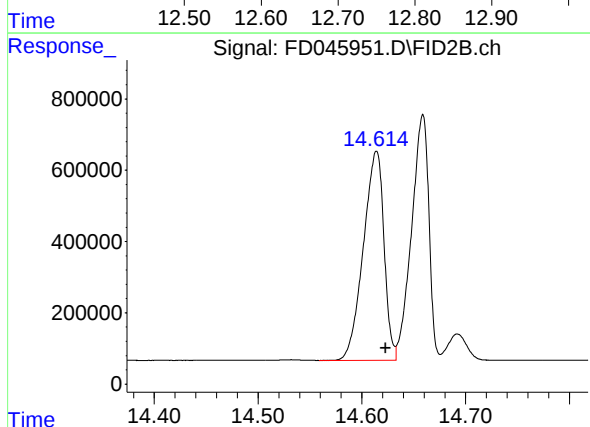
R.T.: 12.453 min
Delta R.T.: -0.012 min
Response: 8784816
Conc: 47.55 ug/ml



#13 Pyrene (C20.8)

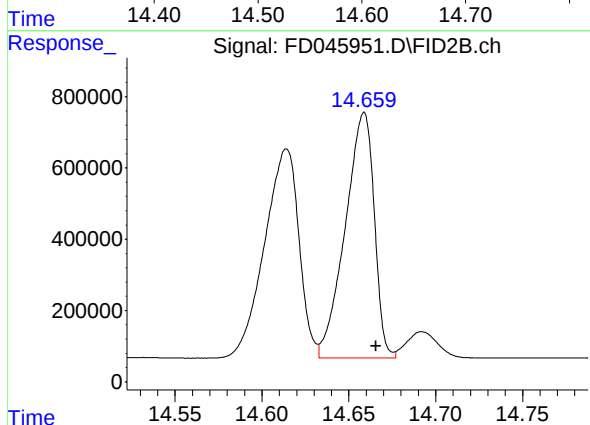
R.T.: 12.749 min
Delta R.T.: -0.010 min
Response: 8696050
Conc: 48.69 ug/ml

Instrument :
FID_D
ClientSampleId :



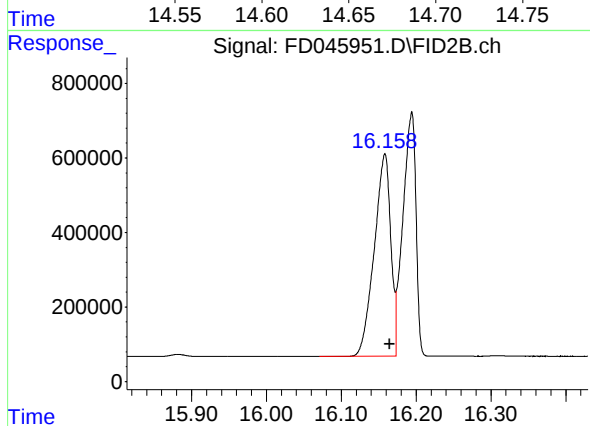
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.614 min
Delta R.T.: -0.009 min
Response: 8112770
Conc: 51.82 ug/ml



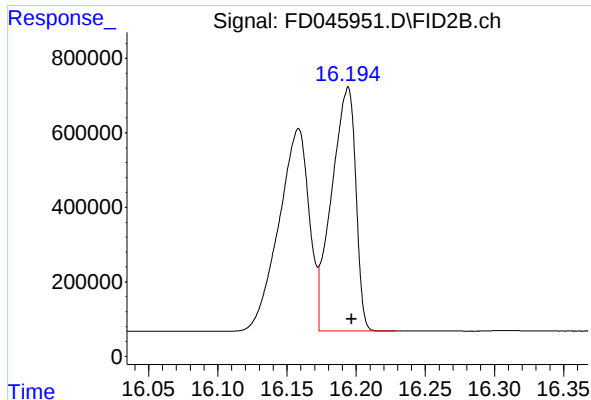
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.007 min
Response: 8008299
Conc: 48.54 ug/ml



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

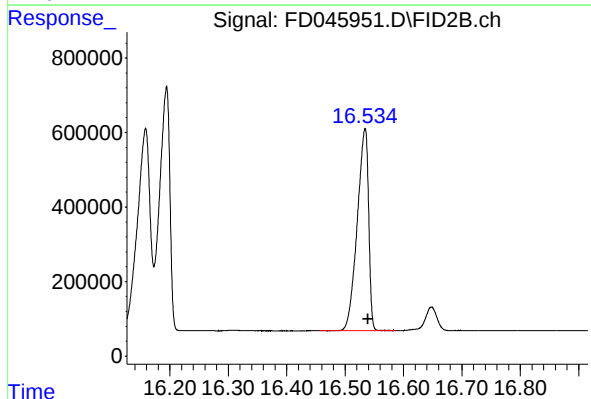
R.T.: 16.158 min
Delta R.T.: -0.007 min
Response: 8307038
Conc: 54.89 ug/ml



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

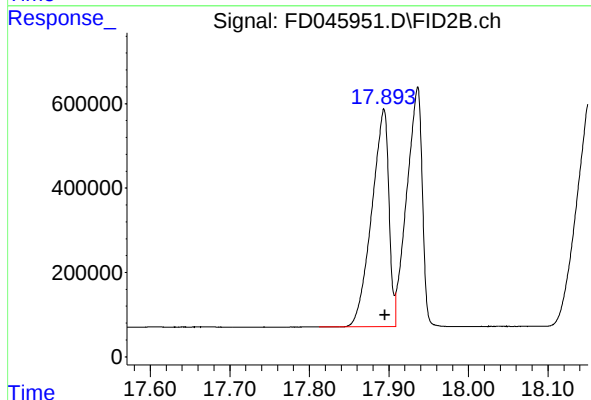
R.T.: 16.193 min
Delta R.T.: -0.003 min
Response: 7923459
Conc: 51.18 ug/ml

Instrument :
FID_D
ClientSampleId :



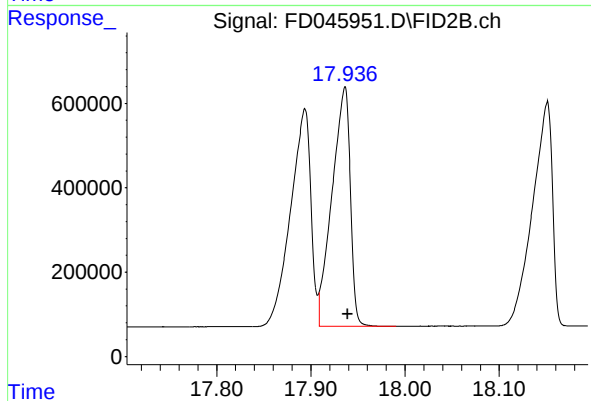
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: -0.006 min
Response: 7331642
Conc: 50.13 ug/ml



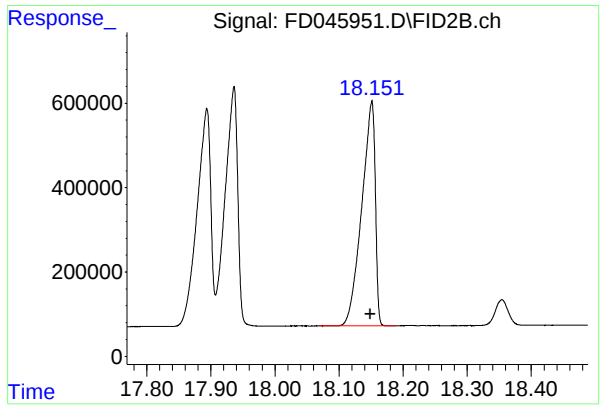
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 7747992
Conc: 52.90 ug/ml



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

R.T.: 17.935 min
Delta R.T.: -0.004 min
Response: 7657798
Conc: 51.05 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.001 min
Response: 7819812
Conc: 53.00 ug/ml

Instrument :
FID_D
ClientSampleId :