

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045910.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 18:00
 Operator : YP/AJ
 Sample : 03298-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:11:02 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...	7.525	10238577	56.790 ug/ml
Spiked Amount 50.000		Recovery =	113.58%
6) S 2-Fluorobiphenyl (SURR)	8.378	5628800	46.818 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.64%
11) S ortho-Terphenyl (SURR)	11.420	10267962	45.969 ug/ml
Spiked Amount 50.000		Recovery =	91.94%
Target Compounds			
2) T Naphthalene (C11.7)	5.861	102942	0.486 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	104036	0.493 ug/ml
5) T Acenaphthylene (C15.06)	8.176	118387	0.625 ug/ml
7) T Acenaphthene (C15.5)	8.473	298143	1.475 ug/ml
8) T Fluorene (C16.55)	9.250	370667	1.871 ug/ml
9) T Phenanthrene (C19.36)	10.643	3595782	18.796 ug/ml
10) T Anthracene (C19.43)	10.714	678216	3.981 ug/ml
12) T Fluoranthene (C21.85)	12.448	3768739	20.399 ug/ml
13) T Pyrene (C20.8)	12.743	3304996	18.505 ug/ml
14) T Benzo[a]anthracene (C...	14.603	1709394	10.918 ug/ml
15) T Chrysene (C27.41)	14.644	1830153	11.093 ug/ml
16) T benzo[b]fluoranthene ...	16.146	2141722	14.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.228	41545	0.268 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	1193387	8.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	685321	4.679 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	109301	0.729 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	617378	4.184 ug/ml

(f)=RT Delta > 1/2 Window

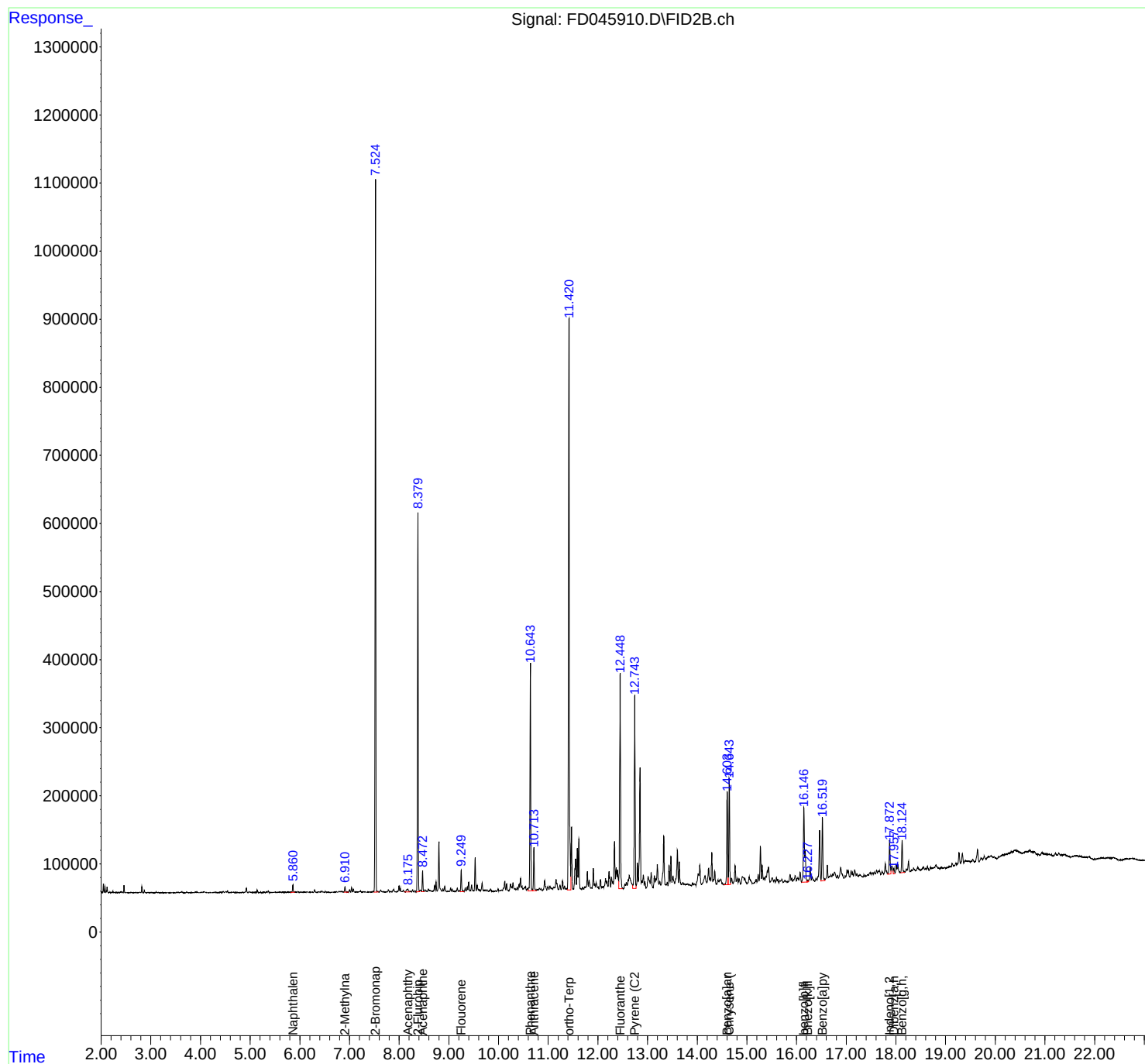
(m)=manual int.

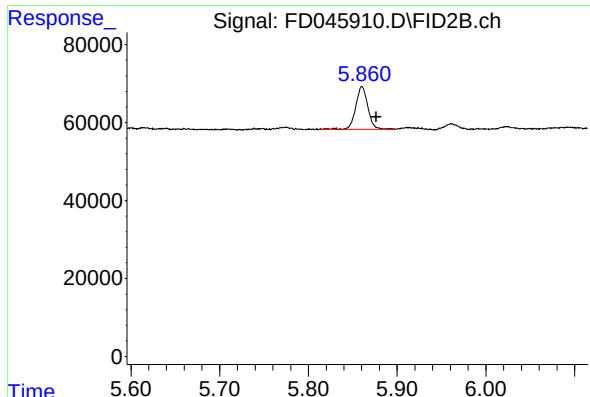
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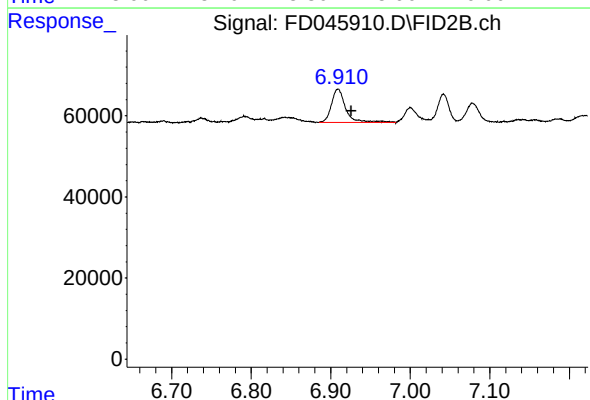




#2 Naphthalene (C11.7)

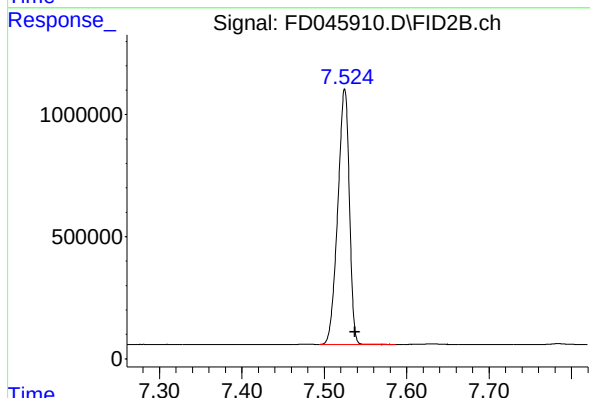
R.T.: 5.861 min
Delta R.T.: -0.016 min
Response: 102942
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



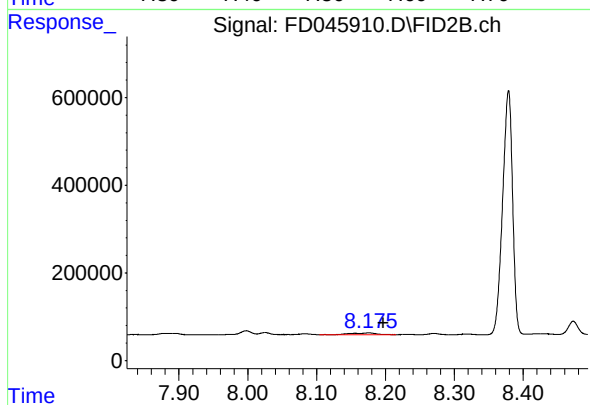
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.017 min
Response: 104036
Conc: 0.49 ug/ml



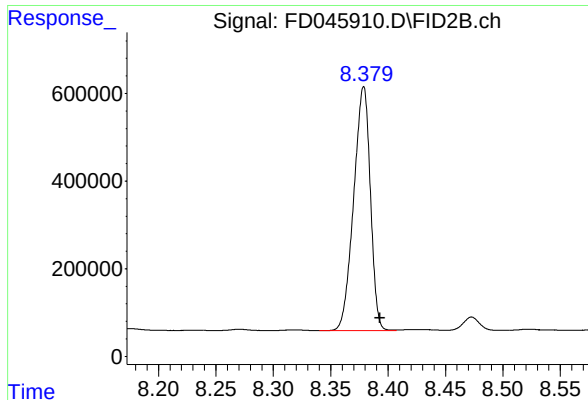
#4 2-Bromonaphthalene (SURR)

R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 10238577
Conc: 56.79 ug/ml



#5 Acenaphthylene (C15.06)

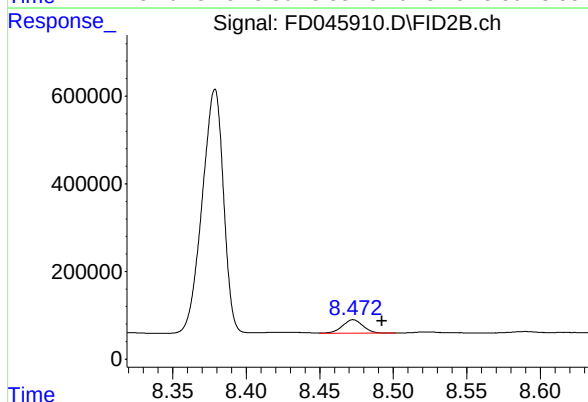
R.T.: 8.176 min
Delta R.T.: -0.021 min
Response: 118387
Conc: 0.62 ug/ml



#6 2-Fluorobiphenyl (SURR)

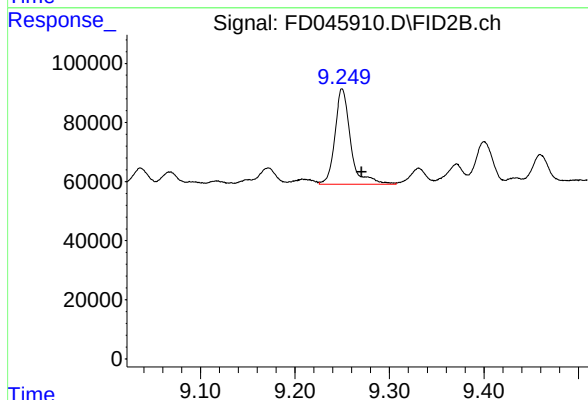
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 5628800
Conc: 46.82 ug/ml

Instrument :
FID_D
ClientSampleId :



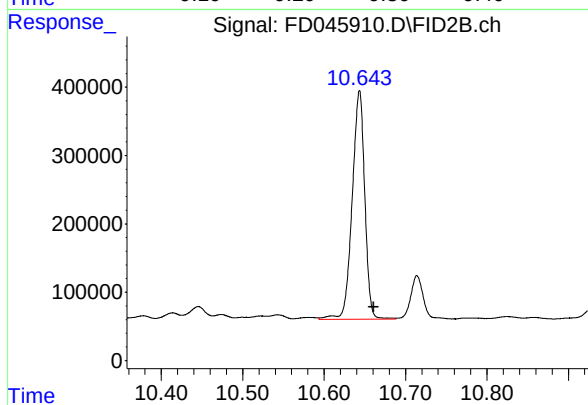
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.020 min
Response: 298143
Conc: 1.47 ug/ml



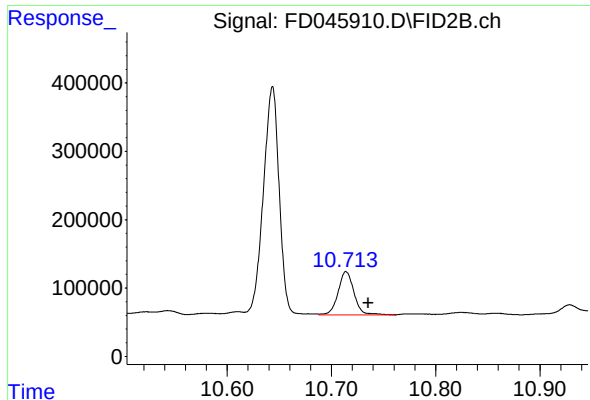
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.020 min
Response: 370667
Conc: 1.87 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 3595782
Conc: 18.80 ug/ml



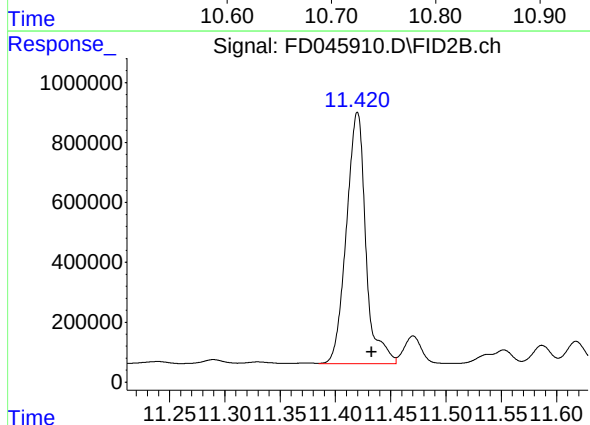
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.021 min
Response: 678216
Conc: 3.98 ug/ml

Instrument :

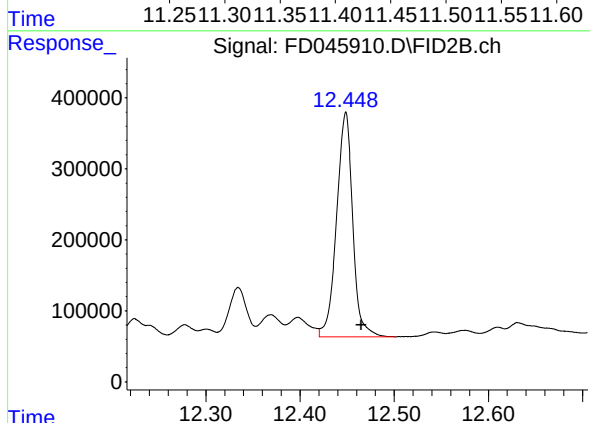
FID_D

ClientSampleId :



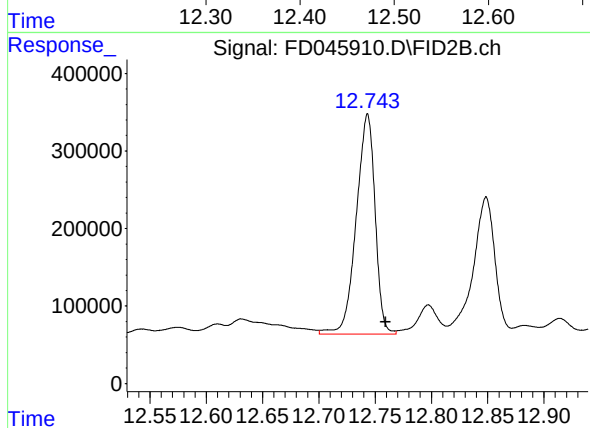
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 10267962
Conc: 45.97 ug/ml



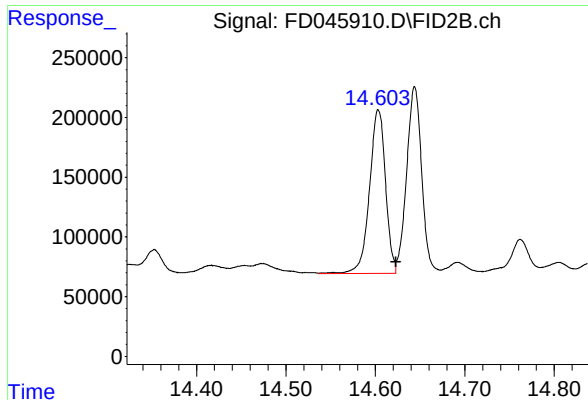
#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: -0.017 min
Response: 3768739
Conc: 20.40 ug/ml



#13 Pyrene (C20.8)

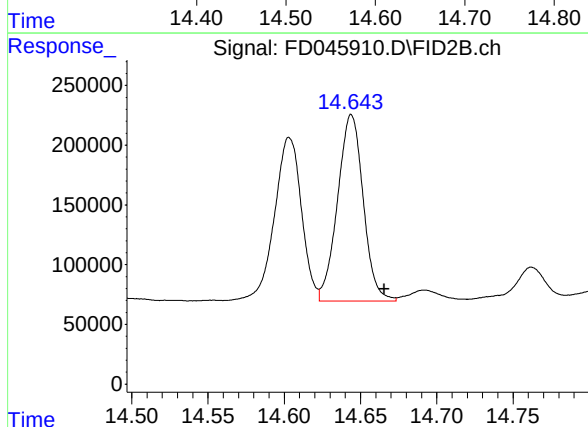
R.T.: 12.743 min
Delta R.T.: -0.016 min
Response: 3304996
Conc: 18.51 ug/ml



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

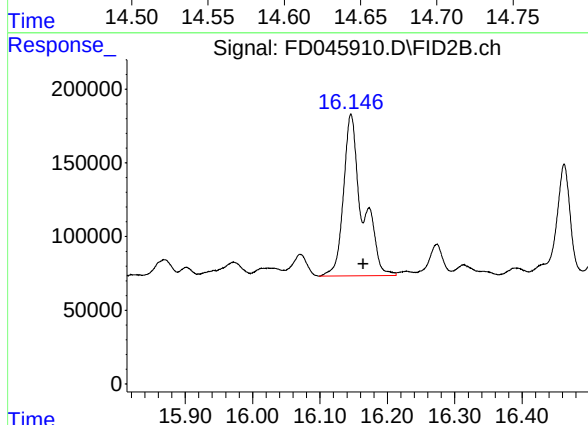
R.T.: 14.603 min
Delta R.T.: -0.020 min
Response: 1709394
Conc: 10.92 ug/ml

Instrument :
FID_D
ClientSampleId :



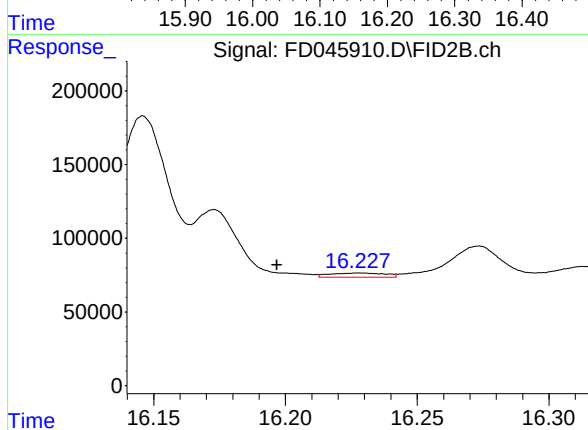
#15 Chrysene (C27.41)

R.T.: 14.644 min
Delta R.T.: -0.022 min
Response: 1830153
Conc: 11.09 ug/ml



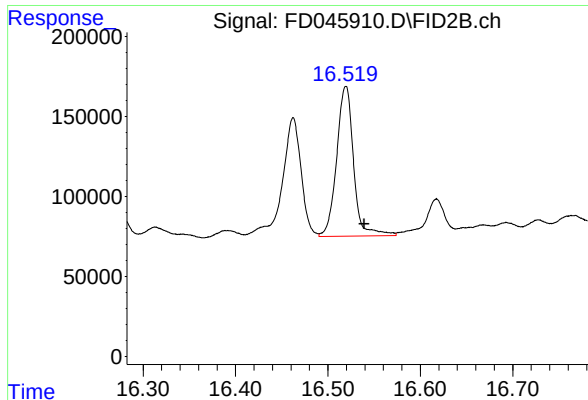
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.146 min
Delta R.T.: -0.018 min
Response: 2141722
Conc: 14.15 ug/ml



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

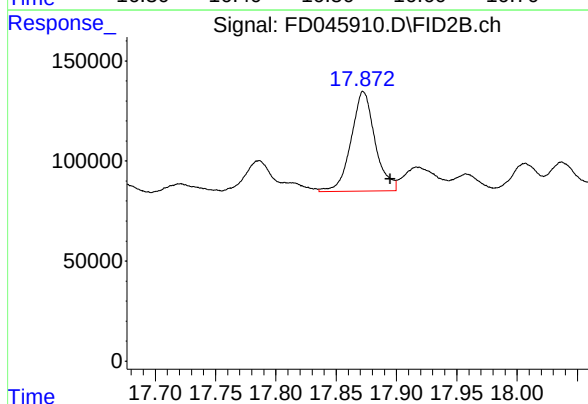
R.T.: 16.228 min
Delta R.T.: 0.031 min
Response: 41545
Conc: 0.27 ug/ml



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

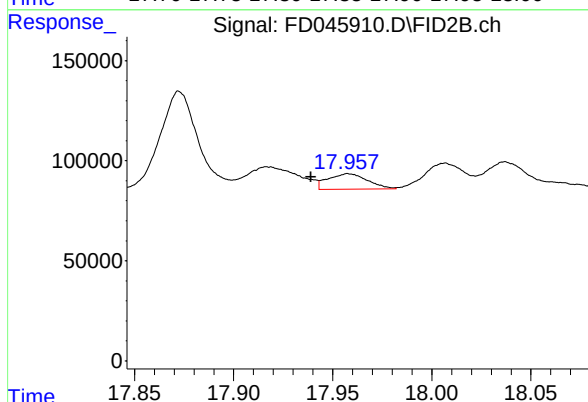
R.T.: 16.519 min
Delta R.T.: -0.020 min
Response: 1193387
Conc: 8.16 ug/ml

Instrument :
FID_D
ClientSampleId :



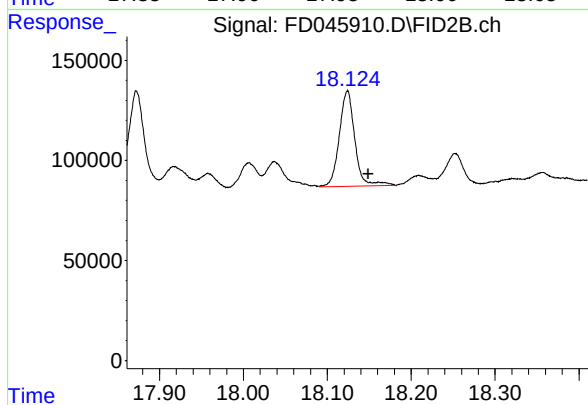
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: -0.022 min
Response: 685321
Conc: 4.68 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.019 min
Response: 109301
Conc: 0.73 ug/ml



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

R.T.: 18.124 min
Delta R.T.: -0.025 min
Response: 617378
Conc: 4.18 ug/ml