

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051123AR\
 Data File : FD045649.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2023 16:41
 Operator : YP/AJ
 Sample : PB152725BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 01:10:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.542	7403213	43.402 ug/ml
Spiked Amount 50.000		Recovery =	86.80%
6) S 2-Fluorobiphenyl (SURR)	8.398	4882545	42.466 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.93%
11) S ortho-Terphenyl (SURR)	11.438	7476294	35.412 ug/ml
Spiked Amount 50.000		Recovery =	70.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	6092508	32.639 ug/ml
2) T Naphthalene (C11.7)	5.880	7025340	35.716 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	7047326	35.674 ug/ml
5) T Acenaphthylene (C15.06)	8.202	7604946	42.328 ug/ml
7) T Acenaphthene (C15.5)	8.498	7978268	41.925 ug/ml
8) T Fluorene (C16.55)	9.277	7861858	41.687 ug/ml
9) T Phenanthrene (C19.36)	10.668	8067105	43.401 ug/ml
10) T Anthracene (C19.43)	10.743	8141730	45.542 ug/ml
12) T Fluoranthene (C21.85)	12.474	8166831	45.271 ug/ml
13) T Pyrene (C20.8)	12.770	8189002	46.725 ug/ml
14) T Benzo[a]anthracene (C...	14.635	7672830	48.205 ug/ml
15) T Chrysene (C27.41)	14.679	7504384	46.215 ug/ml
16) T benzo[b]fluoranthene ...	16.177	7469001	50.714 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	7125403	49.280 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	6495249	46.585 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	6158362	48.471 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	6351285	49.453 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	6327392	49.193 ug/ml

(f)=RT Delta > 1/2 Window

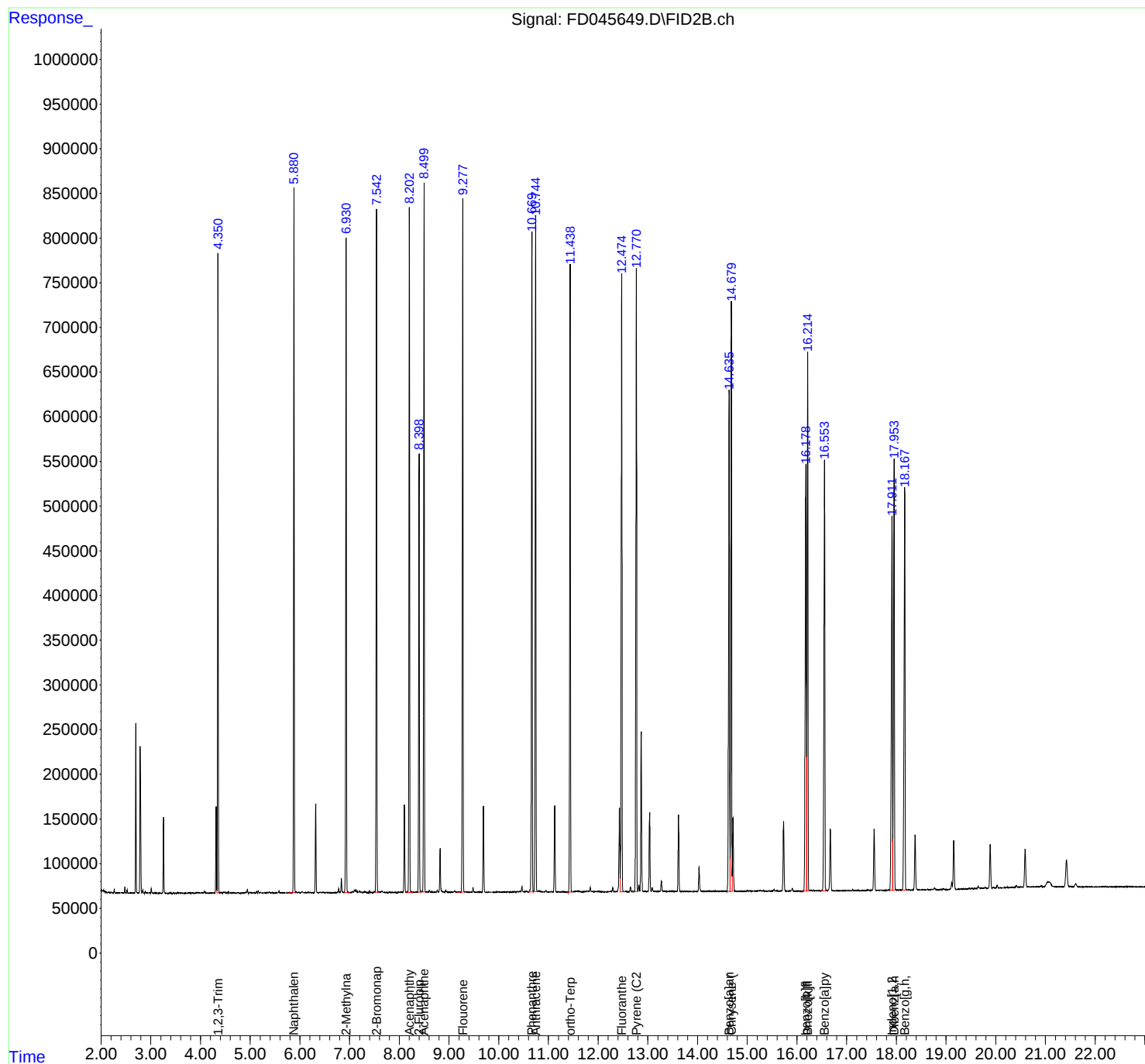
(m)=manual int.

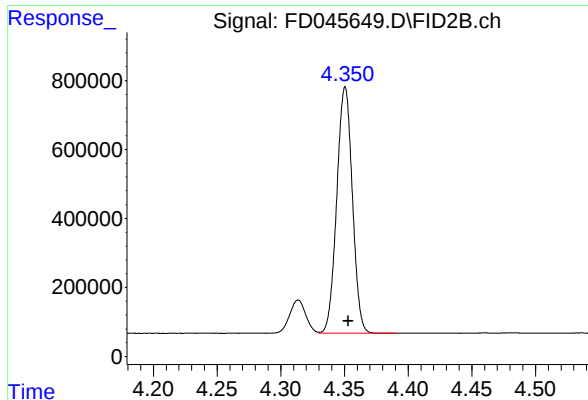
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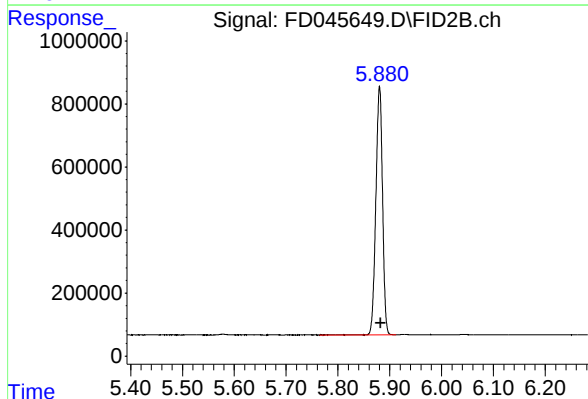




#1 1,2,3-Trimethylbenzene (C10.1)

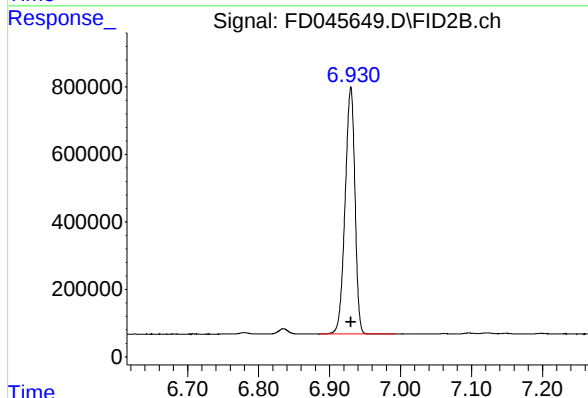
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 6092508
Conc: 32.64 ug/ml

Instrument :
FID_D
ClientSampleId :



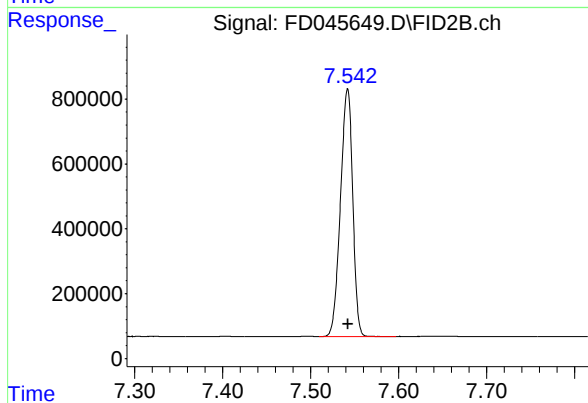
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 7025340
Conc: 35.72 ug/ml



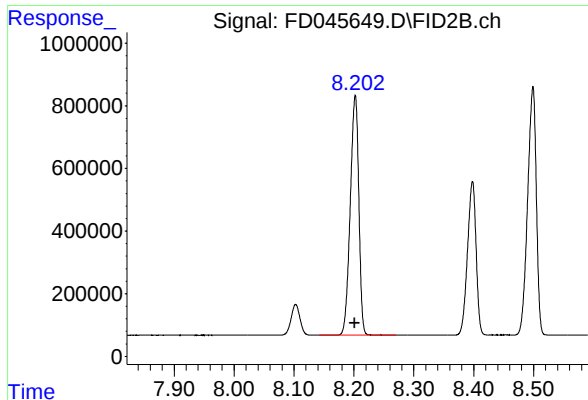
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 7047326
Conc: 35.67 ug/ml



#4 2-Bromonaphthalene (SURR)

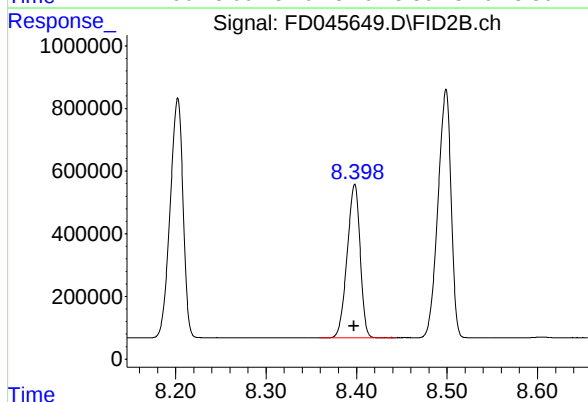
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 7403213
Conc: 43.40 ug/ml



#5 Acenaphthylene (C15.06)

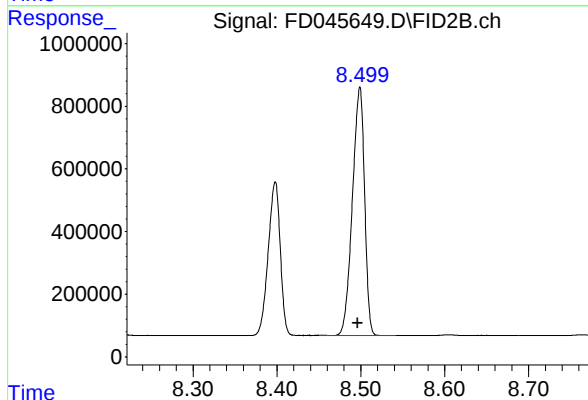
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 7604946
Conc: 42.33 ug/ml

Instrument :
FID_D
ClientSampleId :



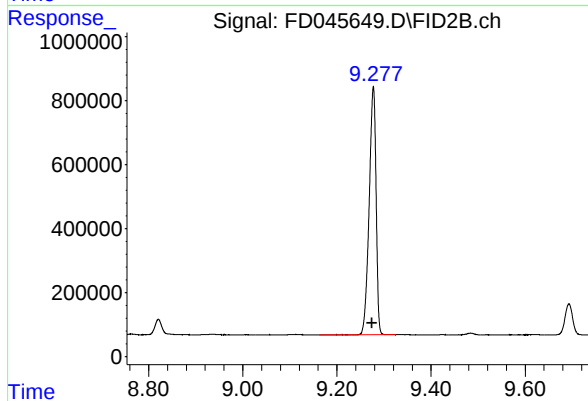
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 4882545
Conc: 42.47 ug/ml



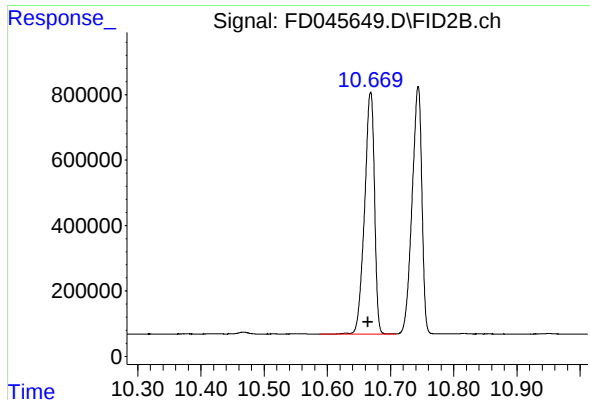
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 7978268
Conc: 41.92 ug/ml



#8 Flouorene (C16.55)

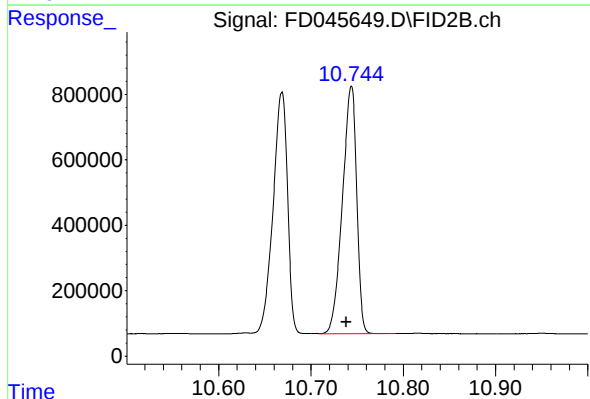
R.T.: 9.277 min
Delta R.T.: 0.003 min
Response: 7861858
Conc: 41.69 ug/ml



#9 Phenanthrene (C19.36)

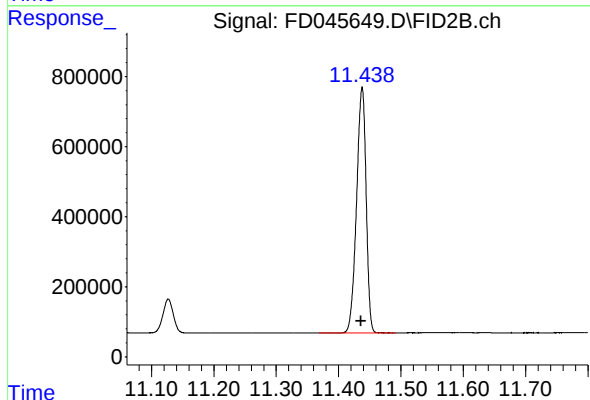
R.T.: 10.668 min
Delta R.T.: 0.004 min
Response: 8067105
Conc: 43.40 ug/ml

Instrument :
FID_D
ClientSampleId :



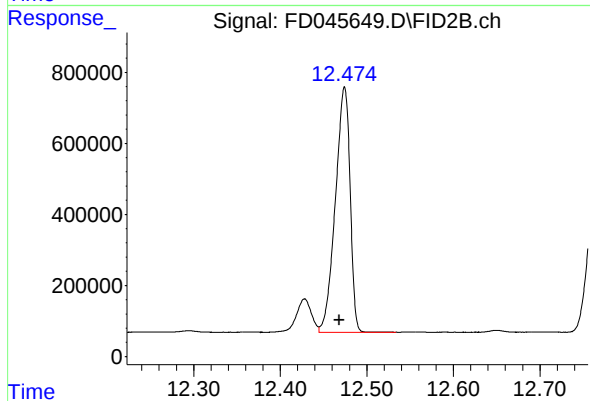
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.005 min
Response: 8141730
Conc: 45.54 ug/ml



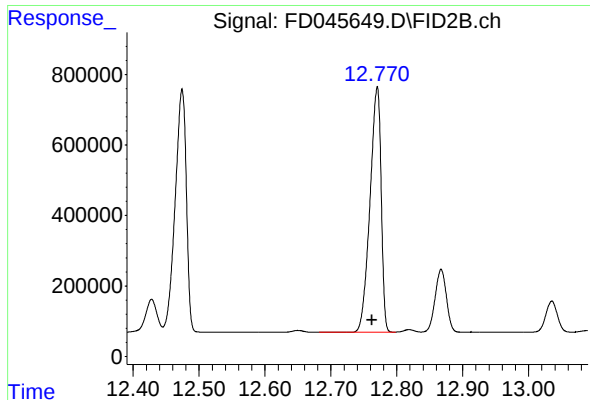
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: 0.001 min
Response: 7476294
Conc: 35.41 ug/ml



#12 Fluoranthene (C21.85)

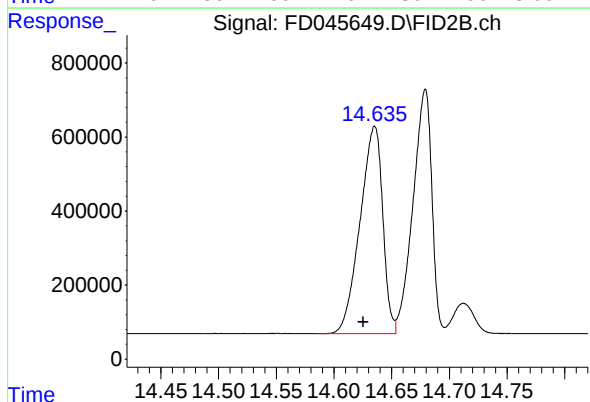
R.T.: 12.474 min
Delta R.T.: 0.006 min
Response: 8166831
Conc: 45.27 ug/ml



#13 Pyrene (C20.8)

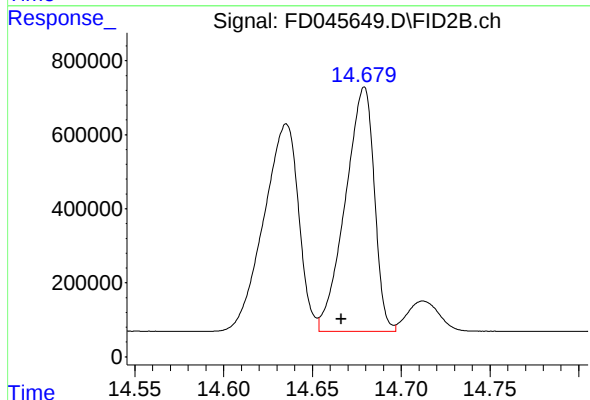
R.T.: 12.770 min
Delta R.T.: 0.007 min
Response: 8189002
Conc: 46.72 ug/ml

Instrument :
FID_D
ClientSampleId :



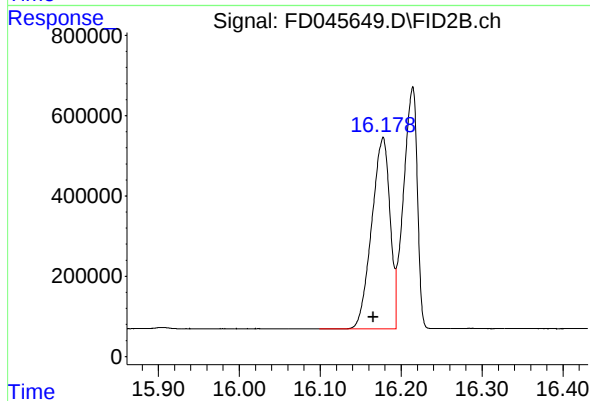
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: 0.010 min
Response: 7672830
Conc: 48.21 ug/ml



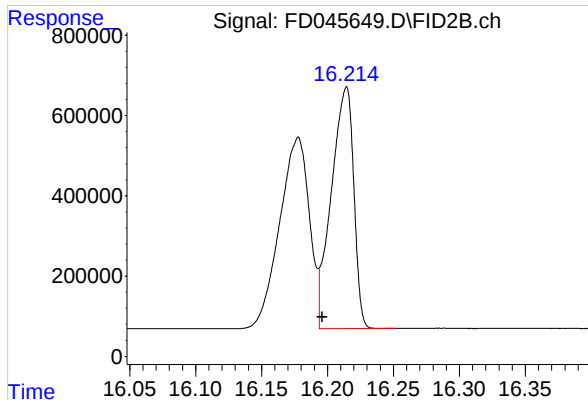
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.012 min
Response: 7504384
Conc: 46.22 ug/ml



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

R.T.: 16.177 min
Delta R.T.: 0.011 min
Response: 7469001
Conc: 50.71 ug/ml



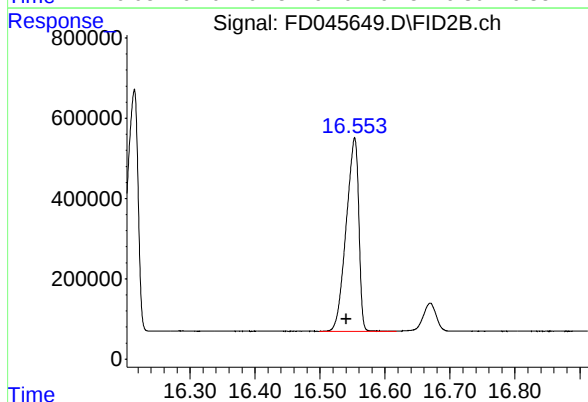
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.213 min
Delta R.T.: 0.017 min
Response: 7125403
Conc: 49.28 ug/ml

Instrument :

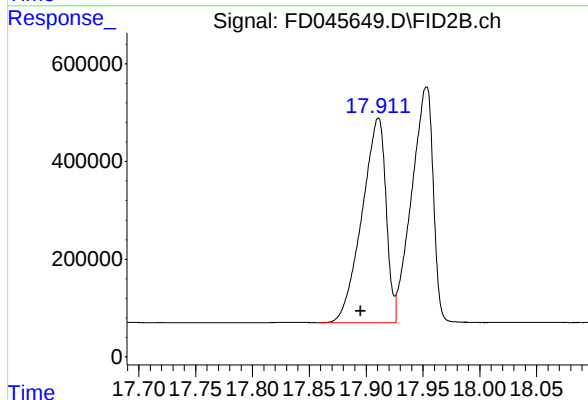
FID_D

ClientSampleId :



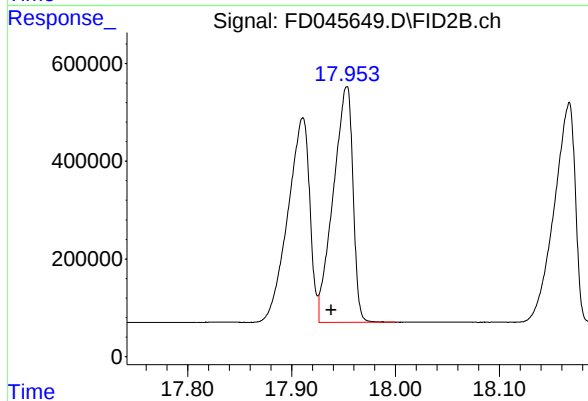
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min
Delta R.T.: 0.012 min
Response: 6495249
Conc: 46.59 ug/ml



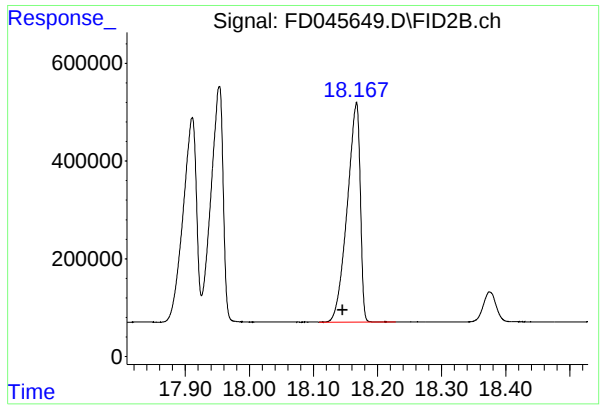
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.015 min
Response: 6158362
Conc: 48.47 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.014 min
Response: 6351285
Conc: 49.45 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.020 min
Response: 6327392
Conc: 49.19 ug/ml

Instrument :

FID_D

ClientSampleId :