

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045216.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2023 02:50
 Operator : YP/AJ
 Sample : 01701-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 03:54:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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	6647254	48.982 ug/ml
Spiked Amount 50.000		Recovery =	97.96%
6) S 2-Fluorobiphenyl (SURR)	8.410	4427359	49.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.90%
11) S ortho-Terphenyl (SURR)	11.450	6271120	37.675 ug/ml
Spiked Amount 50.000		Recovery =	75.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	71619	0.473 ug/ml
2) T Naphthalene (C11.7)	5.891	304127	1.925 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	462298	2.909 ug/ml
5) T Acenaphthylene (C15.06)	8.206	424079	2.958 ug/ml
7) T Acenaphthene (C15.5)	8.506	89727	0.592 ug/ml
8) T Fluorene (C16.55)	9.284	88525	0.601 ug/ml
9) T Phenanthrene (C19.36)	10.675	1293615	9.061 ug/ml
10) T Anthracene (C19.43)	10.748	278279	1.986 ug/ml
12) T Fluoranthene (C21.85)	12.480	1768532	12.660 ug/ml
13) T Pyrene (C20.8)	12.775	1511546	11.100 ug/ml
14) T Benzo[a]anthracene (C...	14.638	831929	6.526 ug/ml
15) T Chrysene (C27.41)	14.678	935496	7.178 ug/ml
16) T benzo[b]fluoranthene ...	16.183	1192426	9.249 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	416624	3.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	798365	6.343 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	637492	5.329 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	262571	2.177 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	587973	4.726 ug/ml

(f)=RT Delta > 1/2 Window

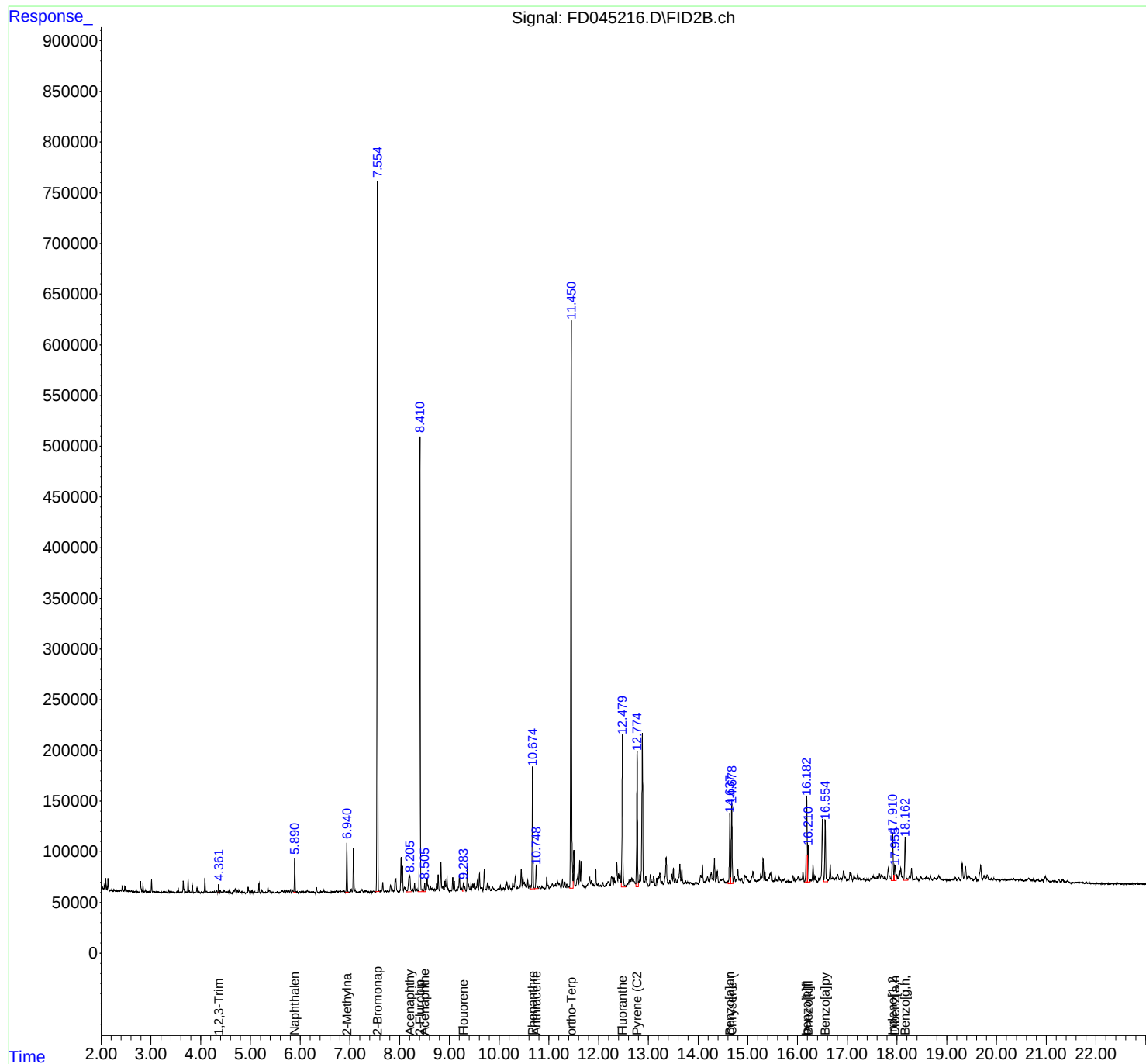
(m)=manual int.

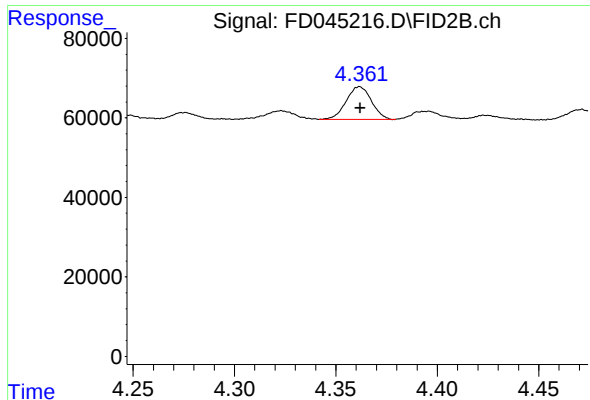
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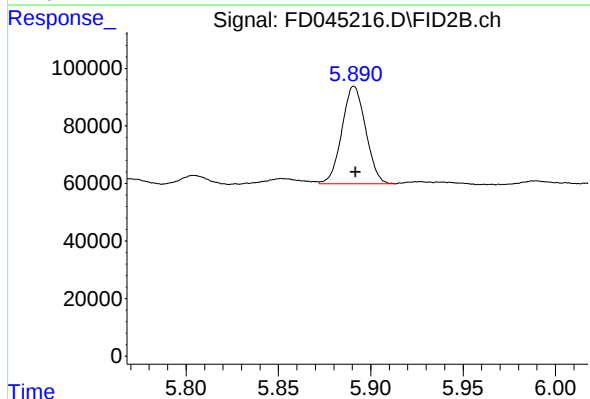




#1 1,2,3-Trimethylbenzene (C10.1)

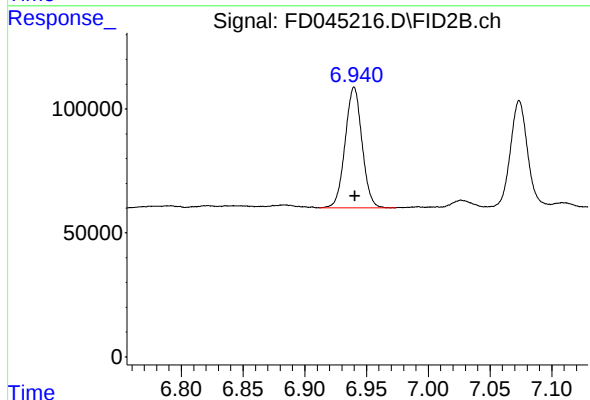
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 71619
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :



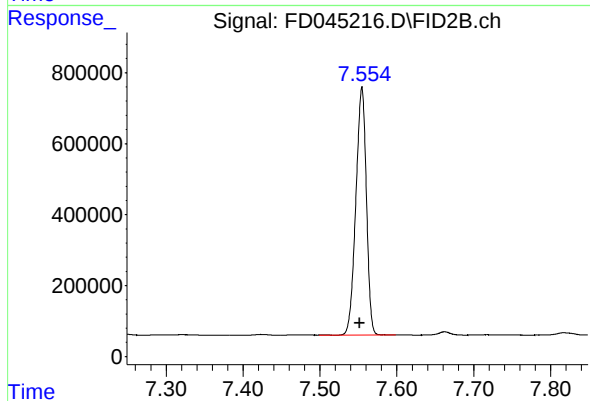
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 304127
Conc: 1.93 ug/ml



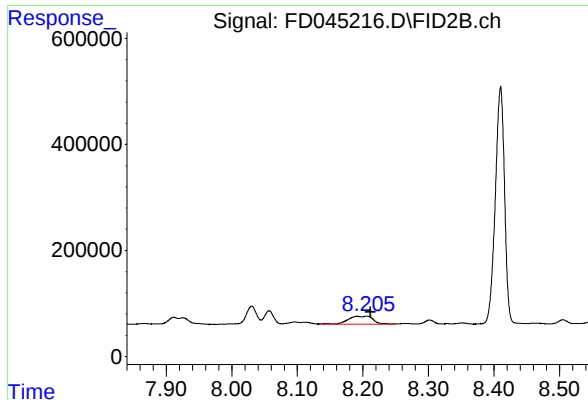
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 462298
Conc: 2.91 ug/ml



#4 2-Bromonaphthalene (SURR)

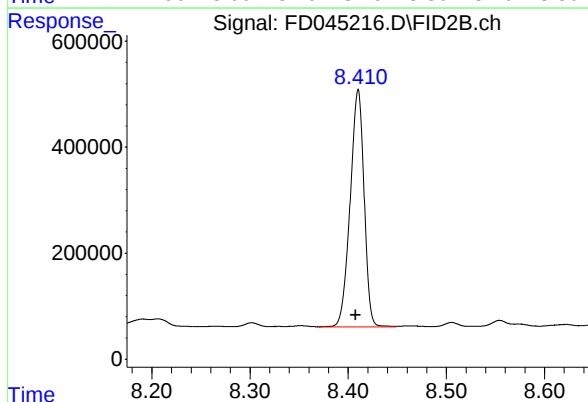
R.T.: 7.554 min
Delta R.T.: 0.003 min
Response: 6647254
Conc: 48.98 ug/ml



#5 Acenaphthylene (C15.06)

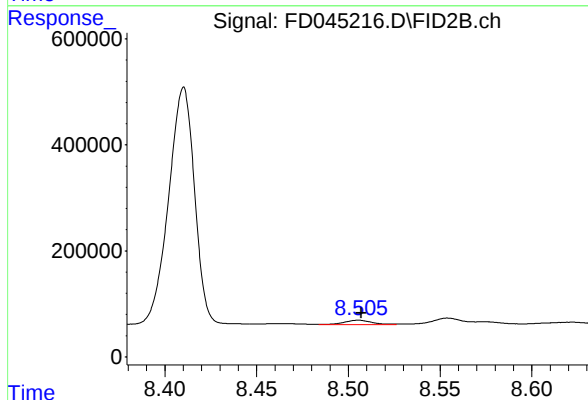
R.T.: 8.206 min
Delta R.T.: -0.006 min
Response: 424079
Conc: 2.96 ug/ml

Instrument :
FID_D
ClientSampleId :



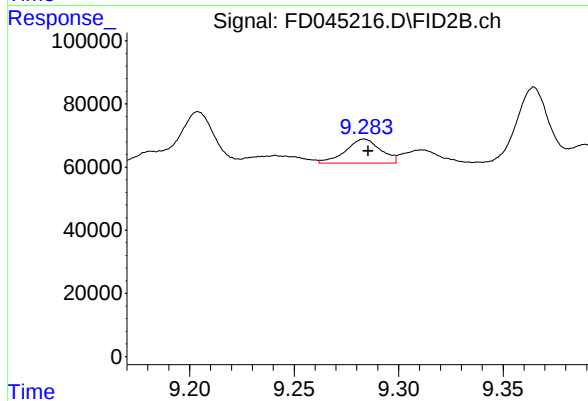
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 4427359
Conc: 49.45 ug/ml



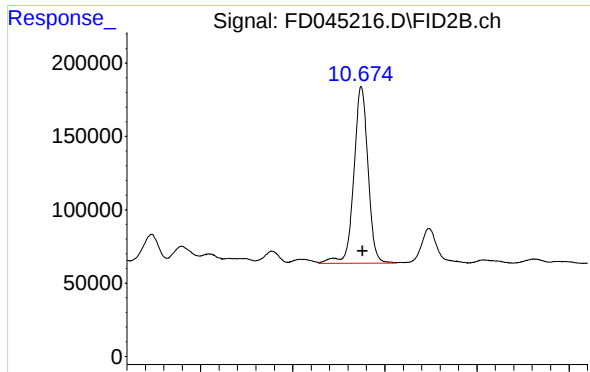
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 89727
Conc: 0.59 ug/ml



#8 Flouorene (C16.55)

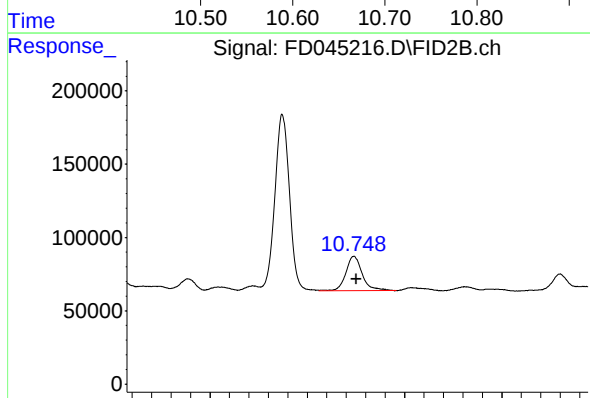
R.T.: 9.284 min
Delta R.T.: -0.002 min
Response: 88525
Conc: 0.60 ug/ml



#9 Phenanthrene (C19.36)

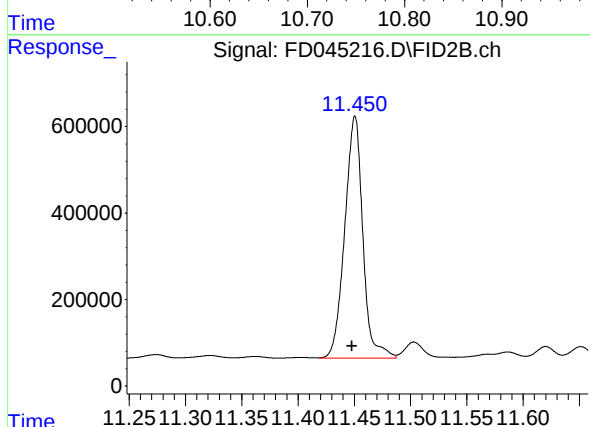
R.T.: 10.675 min
Delta R.T.: -0.001 min
Response: 1293615
Conc: 9.06 ug/ml

Instrument :
FID_D
ClientSampleId :



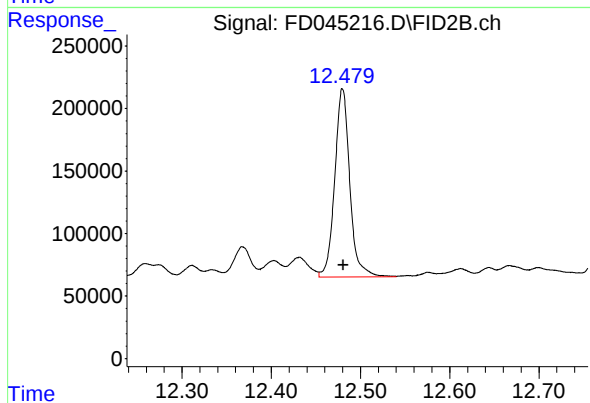
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.002 min
Response: 278279
Conc: 1.99 ug/ml



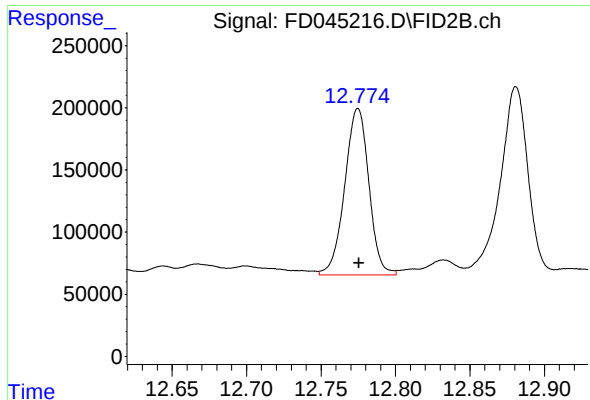
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.002 min
Response: 6271120
Conc: 37.67 ug/ml



#12 Fluoranthene (C21.85)

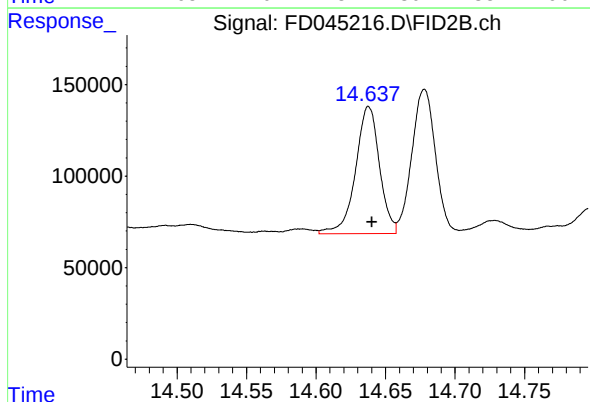
R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 1768532
Conc: 12.66 ug/ml



#13 Pyrene (C20.8)

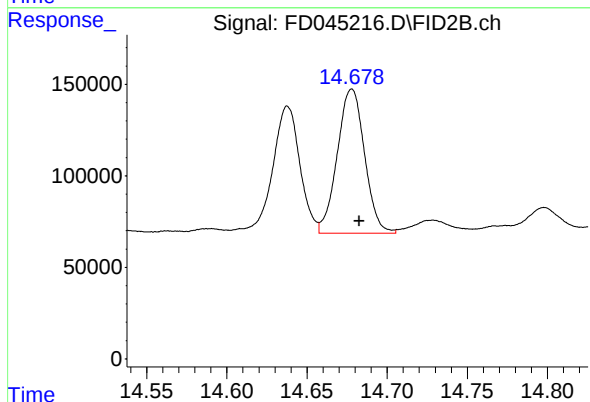
R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 1511546
Conc: 11.10 ug/ml

Instrument :
FID_D
ClientSampleId :



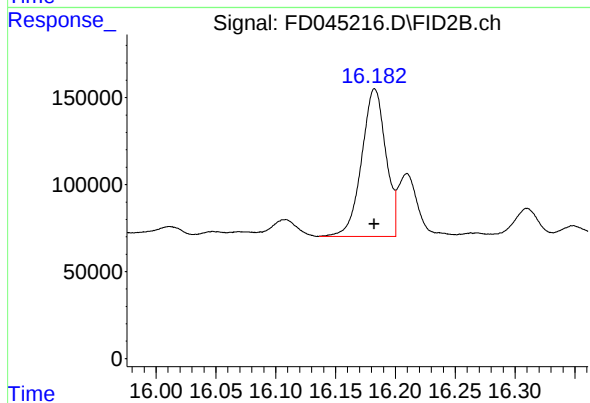
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: -0.002 min
Response: 831929
Conc: 6.53 ug/ml



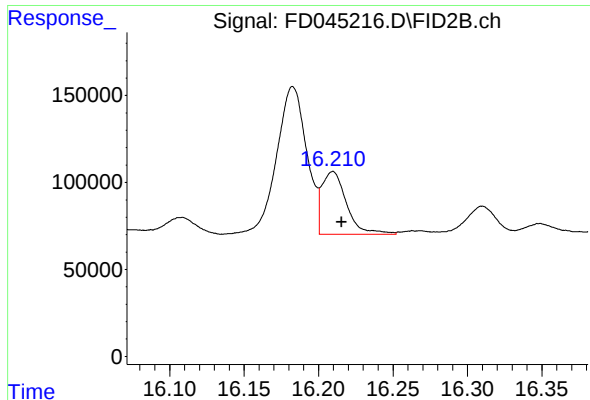
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: -0.005 min
Response: 935496
Conc: 7.18 ug/ml



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

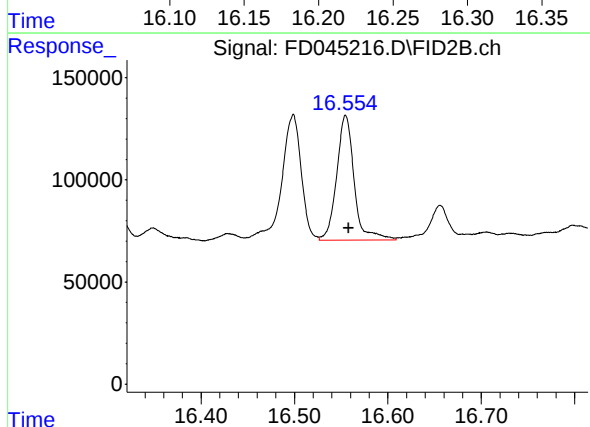
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 1192426
Conc: 9.25 ug/ml



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

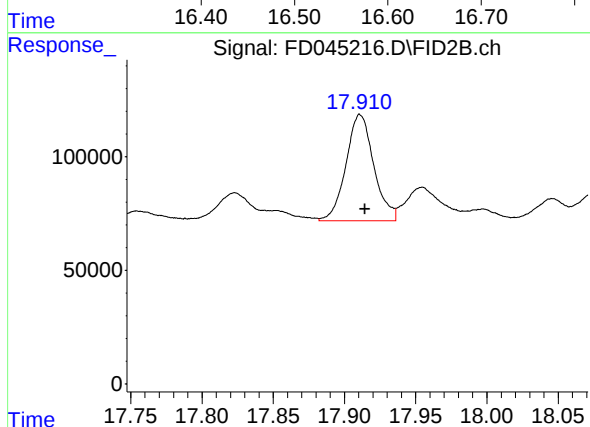
R.T.: 16.209 min
Delta R.T.: -0.006 min
Response: 416624
Conc: 3.30 ug/ml

Instrument :
FID_D
ClientSampleId :



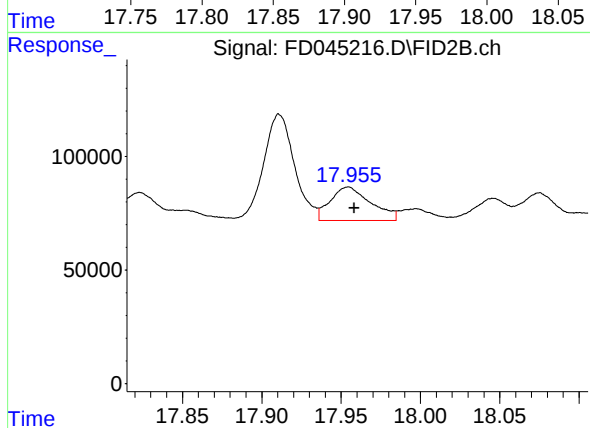
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.003 min
Response: 798365
Conc: 6.34 ug/ml



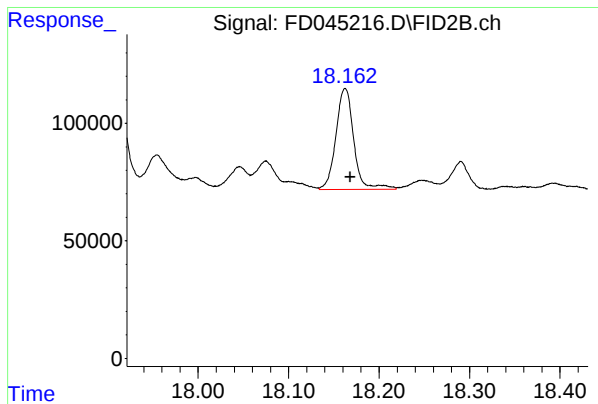
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: -0.003 min
Response: 637492
Conc: 5.33 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.004 min
Response: 262571
Conc: 2.18 ug/ml



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

R.T.: 18.162 min

Delta R.T.: -0.006 min

Response: 587973

Conc: 4.73 ug/ml

Instrument :

FID_D

ClientSampleId :