

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048720.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 18:28
 Operator : YP/AJ
 Sample : P4768-07D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 01:45:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.366	6395718	42.138 ug/ml
Spiked Amount 50.000		Recovery =	84.28%
6) S 2-Fluorobiphenyl (SURR)	8.215	4047208	41.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.43%
11) S ortho-Terphenyl (SURR)	11.250	4180243	24.541 ug/ml
Spiked Amount 50.000		Recovery =	49.08%
Target Compounds			
2) T Naphthalene (C11.7)	5.714	94831	0.531 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	93169	0.521 ug/ml
5) T Acenaphthylene (C15.06)	8.019	437675	2.493 ug/ml
7) T Acenaphthene (C15.5)	8.312	82580	0.466 ug/ml
8) T Fluorene (C16.55)	9.092	244405	1.446 ug/ml
9) T Phenanthrene (C19.36)	10.476	2493069	15.082 ug/ml
10) T Anthracene (C19.43)	10.552	577411	3.611 ug/ml
12) T Fluoranthene (C21.85)	12.280	3427501	20.826 ug/ml
13) T Pyrene (C20.8)	12.572	2495313	15.491 ug/ml
14) T Benzo[a]anthracene (C...	14.441	1720423	11.766 ug/ml
15) T Chrysene (C27.41)	14.480	1488213	9.047 ug/ml
16) T benzo[b]fluoranthene ...	15.990	1514860	9.964 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	551078	3.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	1257446	8.355 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	691389	5.299 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	217290	1.335 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	542966	3.547 ug/ml

(f)=RT Delta > 1/2 Window

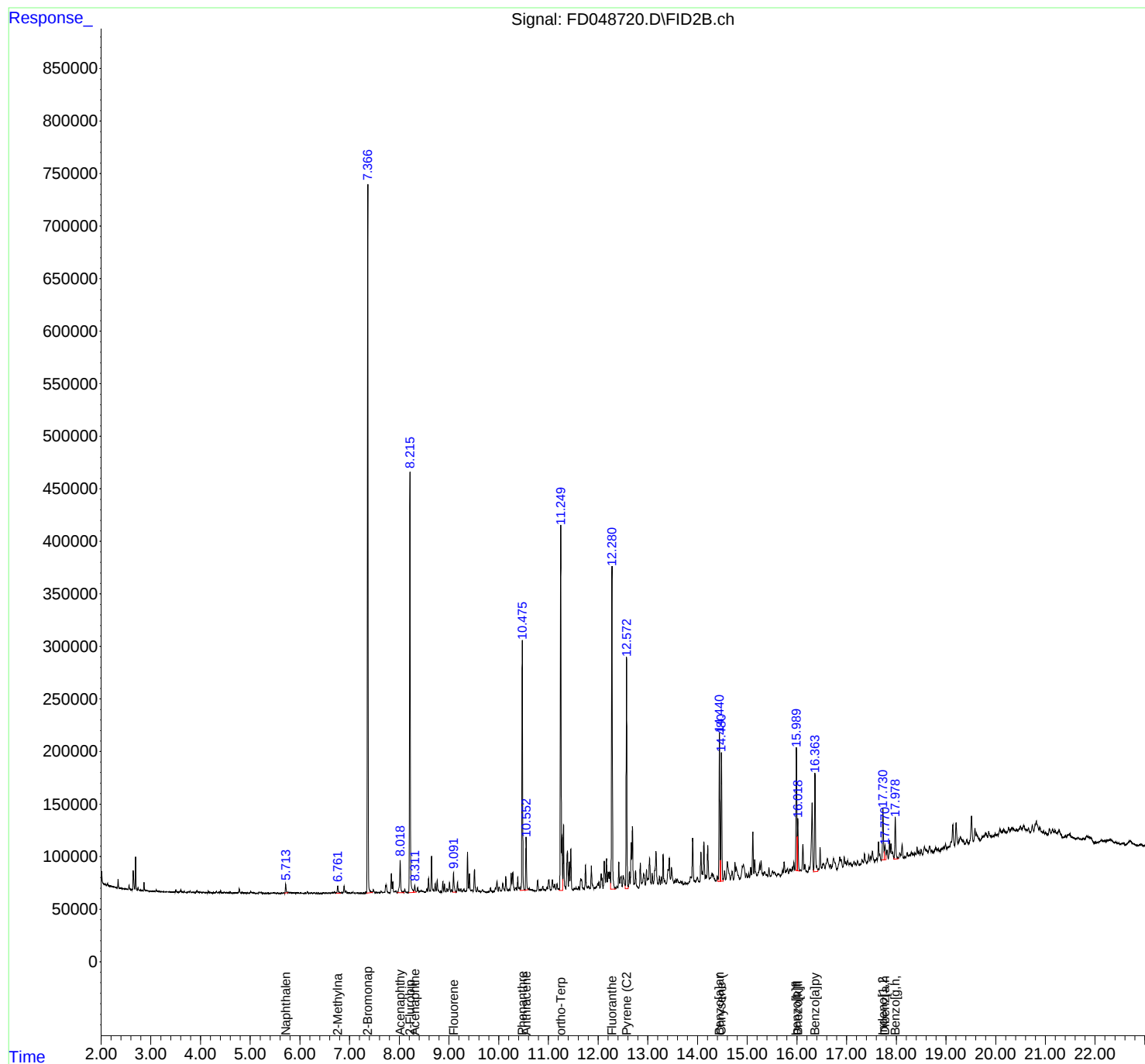
(m)=manual int.

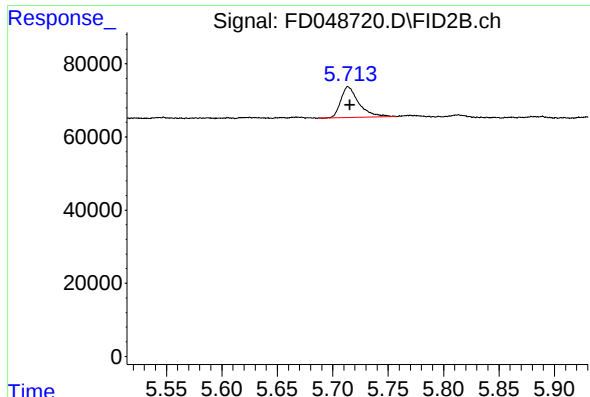
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
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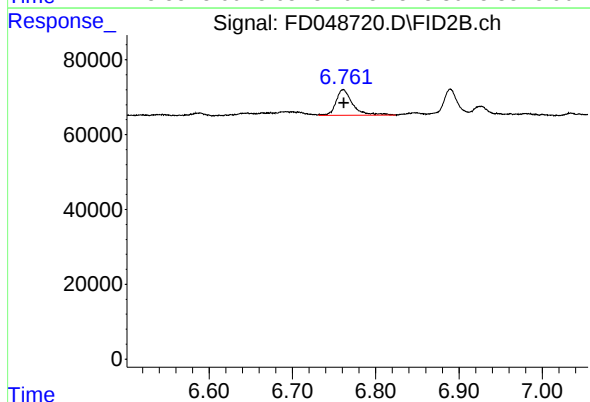




#2 Naphthalene (C11.7)

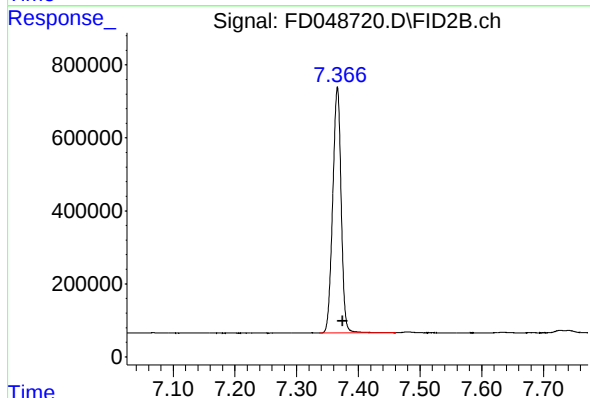
R.T.: 5.714 min
Delta R.T.: -0.001 min
Response: 94831
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



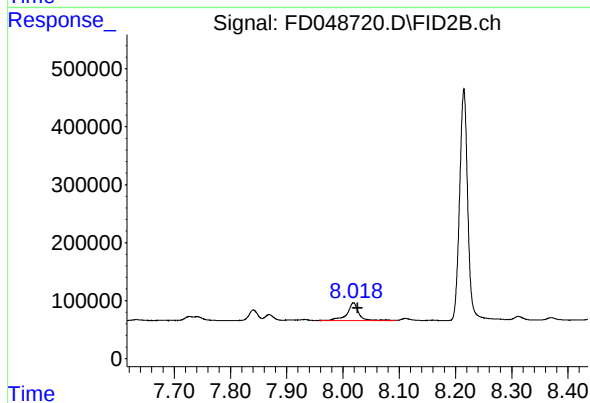
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 93169
Conc: 0.52 ug/ml



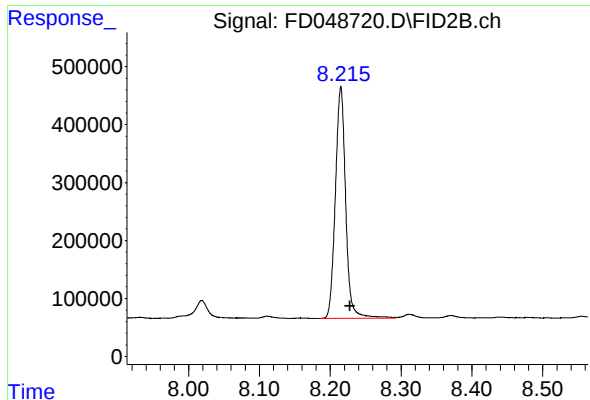
#4 2-Bromonaphthalene (SURR)

R.T.: 7.366 min
Delta R.T.: -0.009 min
Response: 6395718
Conc: 42.14 ug/ml



#5 Acenaphthylene (C15.06)

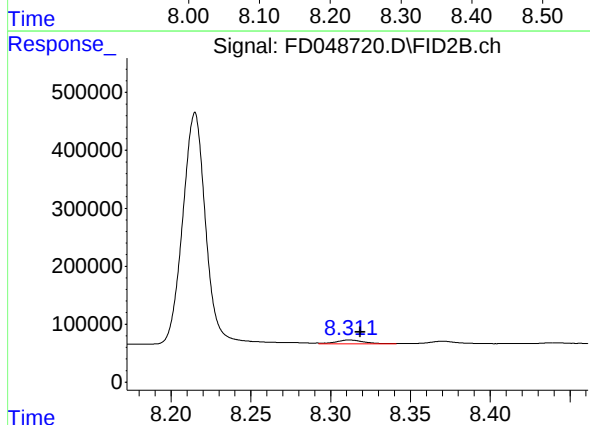
R.T.: 8.019 min
Delta R.T.: -0.008 min
Response: 437675
Conc: 2.49 ug/ml



#6 2-Fluorobiphenyl (SURR)

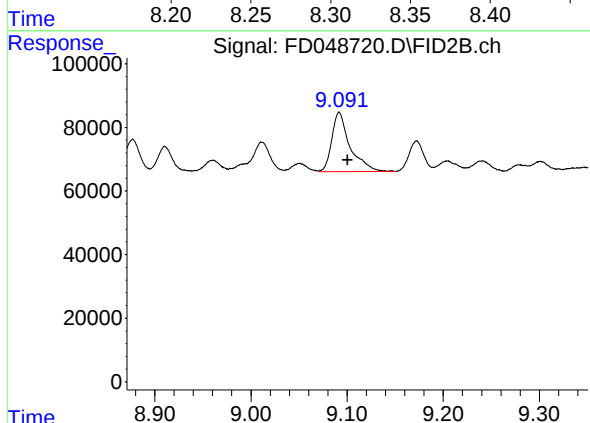
R.T.: 8.215 min
Delta R.T.: -0.013 min
Response: 4047208
Conc: 41.22 ug/ml

Instrument :
FID_D
ClientSampleId :



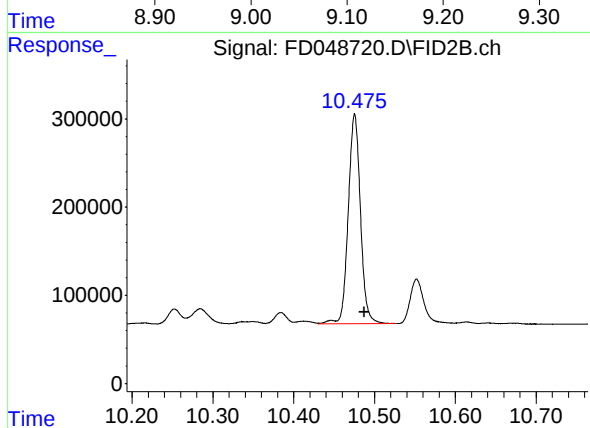
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 82580
Conc: 0.47 ug/ml



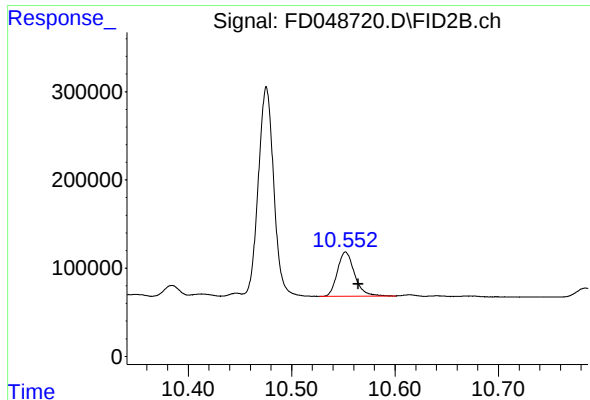
#8 Flouorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.009 min
Response: 244405
Conc: 1.45 ug/ml



#9 Phenanthrene (C19.36)

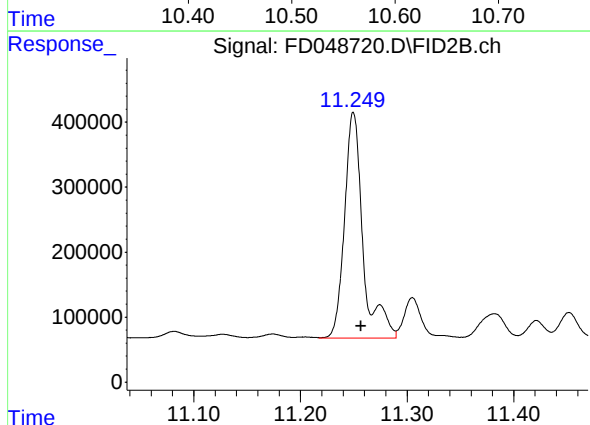
R.T.: 10.476 min
Delta R.T.: -0.012 min
Response: 2493069
Conc: 15.08 ug/ml



#10 Anthracene (C19.43)

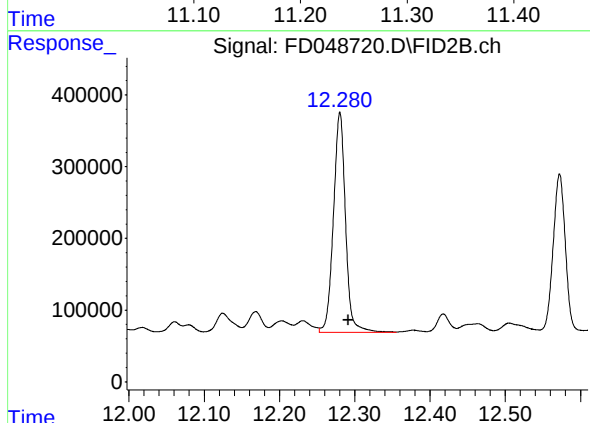
R.T.: 10.552 min
Delta R.T.: -0.012 min
Response: 577411
Conc: 3.61 ug/ml

Instrument :
FID_D
ClientSampleId :



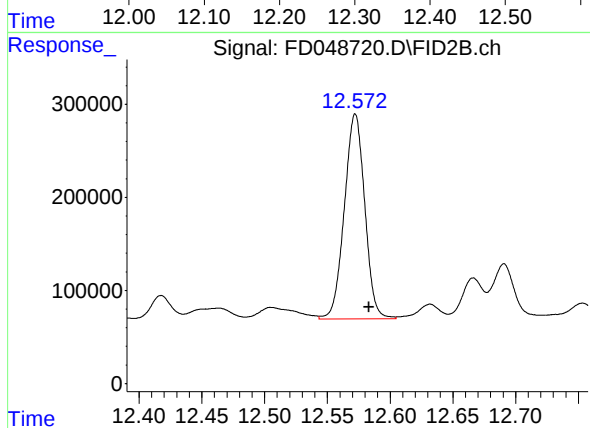
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: -0.007 min
Response: 4180243
Conc: 24.54 ug/ml



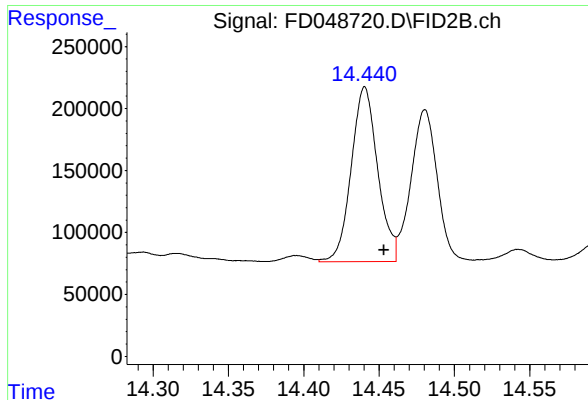
#12 Fluoranthene (C21.85)

R.T.: 12.280 min
Delta R.T.: -0.011 min
Response: 3427501
Conc: 20.83 ug/ml



#13 Pyrene (C20.8)

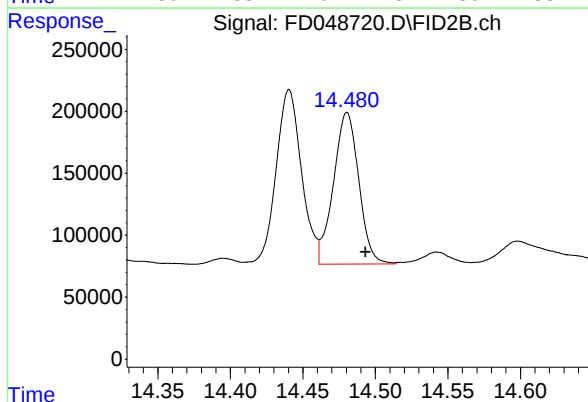
R.T.: 12.572 min
Delta R.T.: -0.011 min
Response: 2495313
Conc: 15.49 ug/ml



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

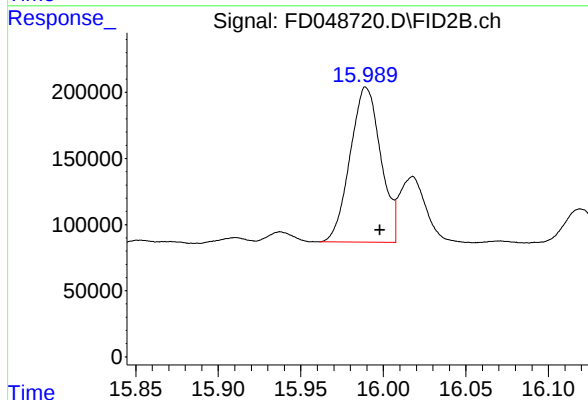
R.T.: 14.441 min
Delta R.T.: -0.013 min
Response: 1720423
Conc: 11.77 ug/ml

Instrument :
FID_D
ClientSampleId :



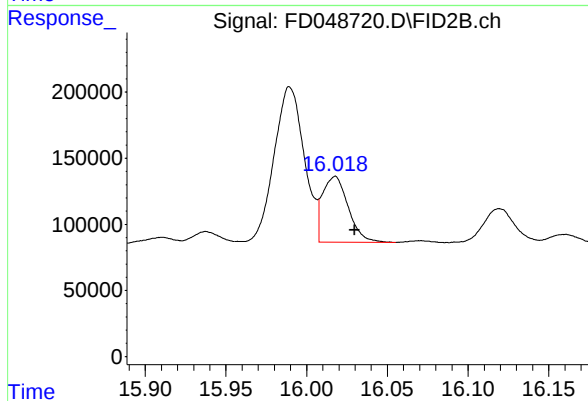
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: -0.013 min
Response: 1488213
Conc: 9.05 ug/ml



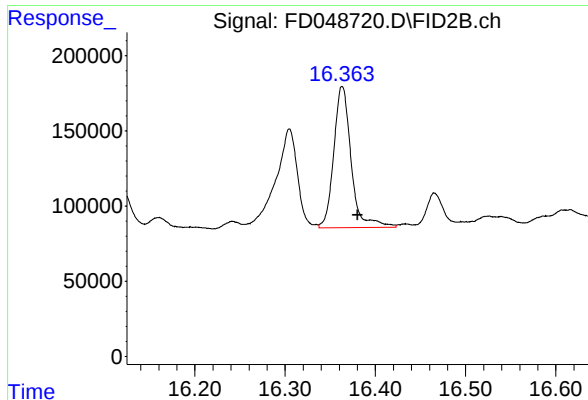
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.990 min
Delta R.T.: -0.008 min
Response: 1514860
Conc: 9.96 ug/ml



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

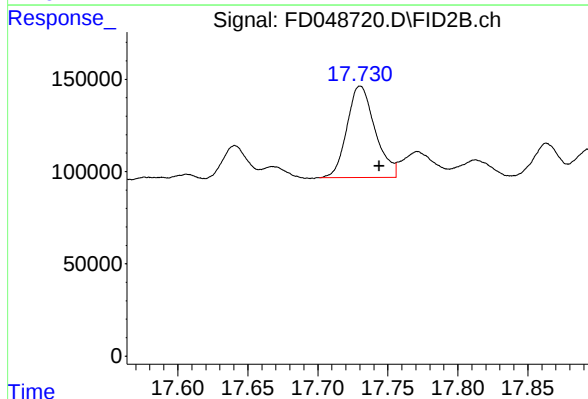
R.T.: 16.017 min
Delta R.T.: -0.012 min
Response: 551078
Conc: 3.67 ug/ml



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

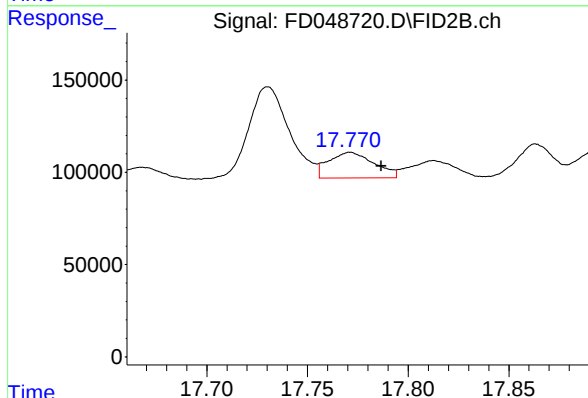
R.T.: 16.363 min
Delta R.T.: -0.017 min
Response: 1257446
Conc: 8.36 ug/ml

Instrument :
FID_D
ClientSampleId :



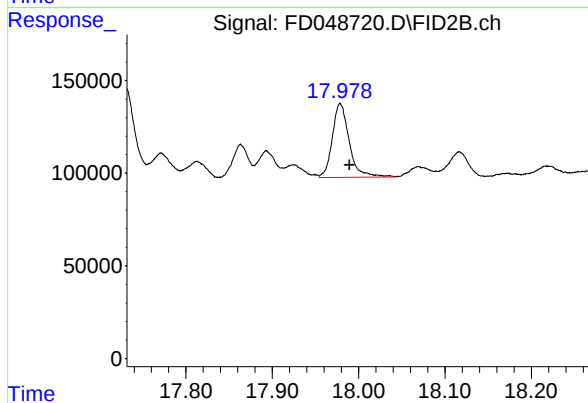
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.013 min
Response: 691389
Conc: 5.30 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.015 min
Response: 217290
Conc: 1.34 ug/ml



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

R.T.: 17.979 min
Delta R.T.: -0.011 min
Response: 542966
Conc: 3.55 ug/ml