

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048694.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 12:15
 Operator : YP/AJ
 Sample : P4721-04DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:45:35 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...	7.369	3584433	23.616 ug/ml
Spiked Amount 50.000		Recovery =	47.23%
6) S 2-Fluorobiphenyl (SURR)	8.220	3064450	31.209 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.42%
11) S ortho-Terphenyl (SURR)	11.255	3385352	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
2) T Naphthalene (C11.7)	5.684	543916	3.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	1968303	11.004 ug/ml
5) T Acenaphthylene (C15.06)	8.006	4585459	26.114 ug/ml
7) T Acenaphthene (C15.5)	8.315	912651	5.146 ug/ml
8) T Fluorene (C16.55)	9.094	1828546	10.817 ug/ml
9) T Phenanthrene (C19.36)	10.482	2626193	15.887 ug/ml
10) T Anthracene (C19.43)	10.561	886022	5.541 ug/ml
12) T Fluoranthene (C21.85)	12.289	1733288	10.532 ug/ml
13) T Pyrene (C20.8)	12.582	1194793	7.418 ug/ml
14) T Benzo[a]anthracene (C...	14.456	64975	0.444 ug/ml
15) T Chrysene (C27.41)	14.494	101359	0.616 ug/ml
16) T benzo[b]fluoranthene ...	16.007	61120	0.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	83978	0.559 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.323f	78052	0.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810f	107121	0.821 ug/ml
20) T Dibenz[a,h]anthracene...	17.810	107121	0.658 ug/ml

(f)=RT Delta > 1/2 Window

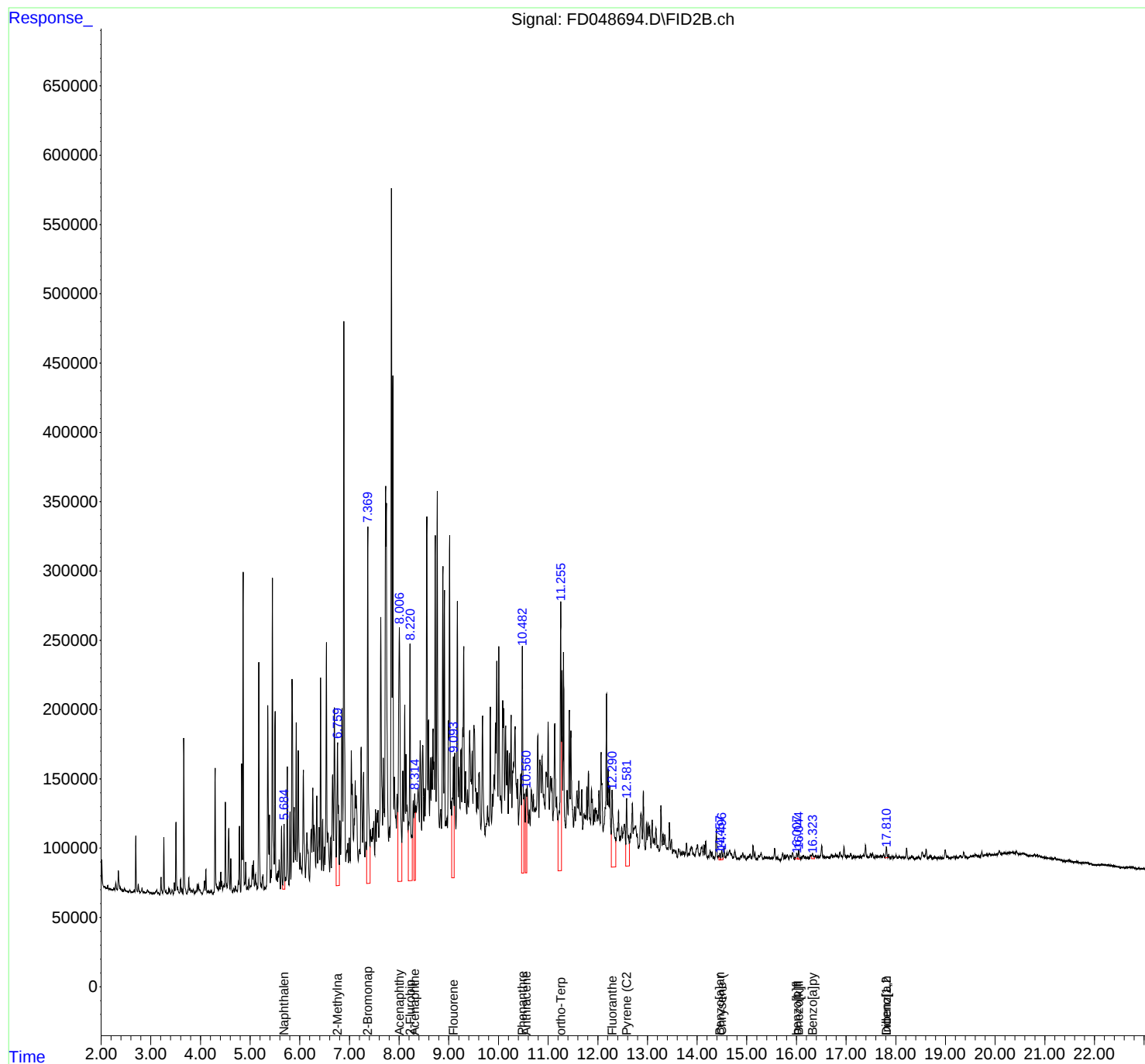
(m)=manual int.

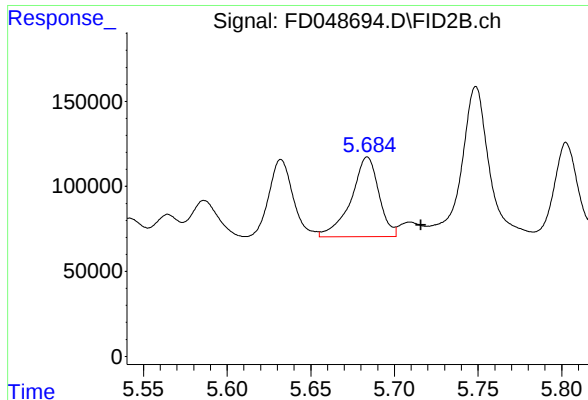
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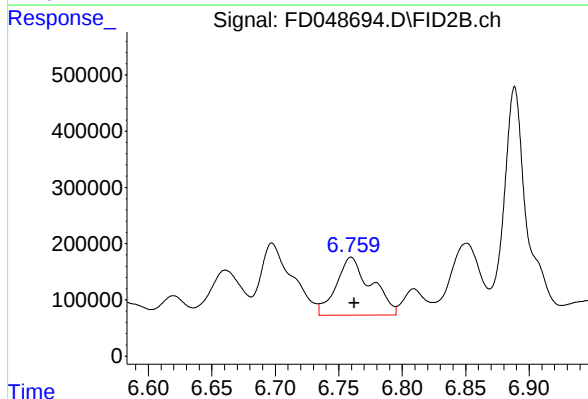




#2 Naphthalene (C11.7)

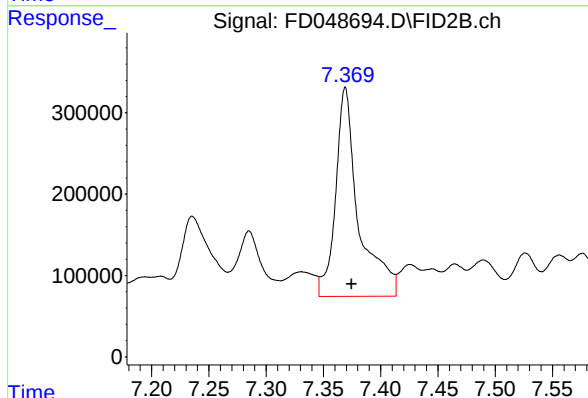
R.T.: 5.684 min
Delta R.T.: -0.032 min
Response: 543916
Conc: 3.05 ug/ml

Instrument :
FID_D
ClientSampleId :



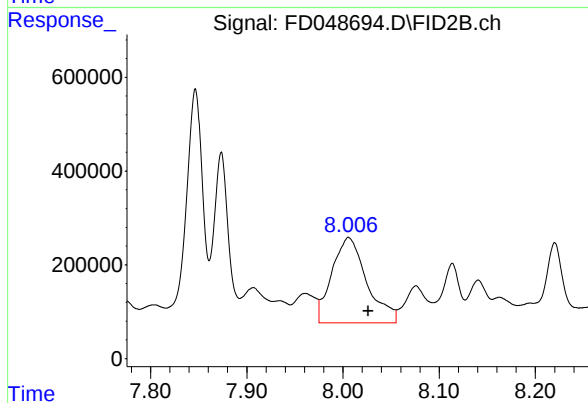
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 1968303
Conc: 11.00 ug/ml



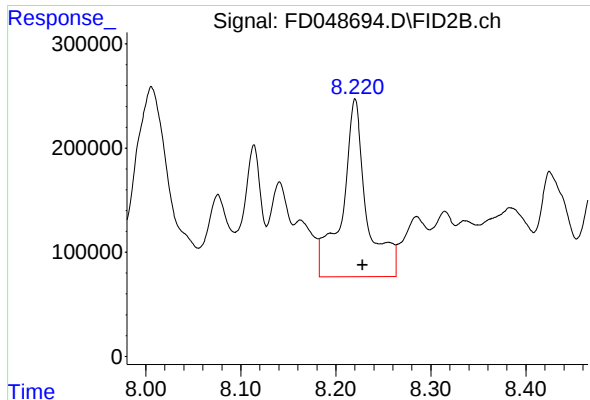
#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 3584433
Conc: 23.62 ug/ml



#5 Acenaphthylene (C15.06)

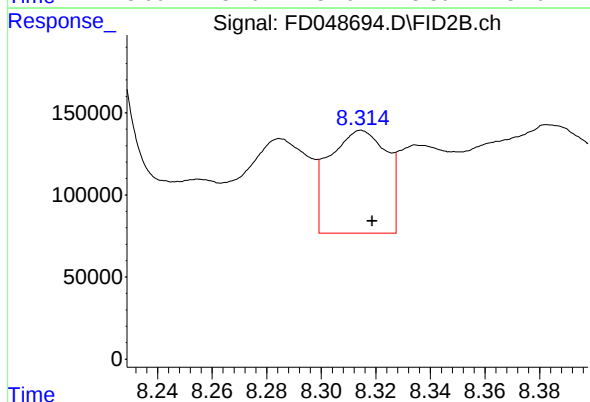
R.T.: 8.006 min
Delta R.T.: -0.020 min
Response: 4585459
Conc: 26.11 ug/ml



#6 2-Fluorobiphenyl (SURR)

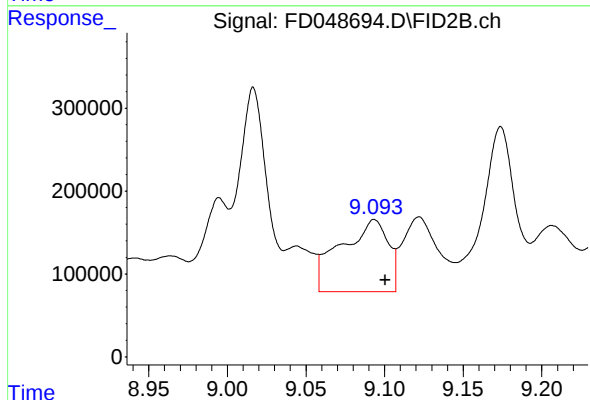
R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 3064450
Conc: 31.21 ug/ml

Instrument :
FID_D
ClientSampleId :



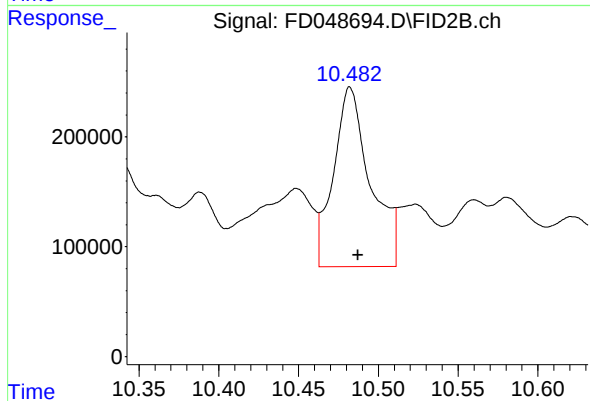
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 912651
Conc: 5.15 ug/ml



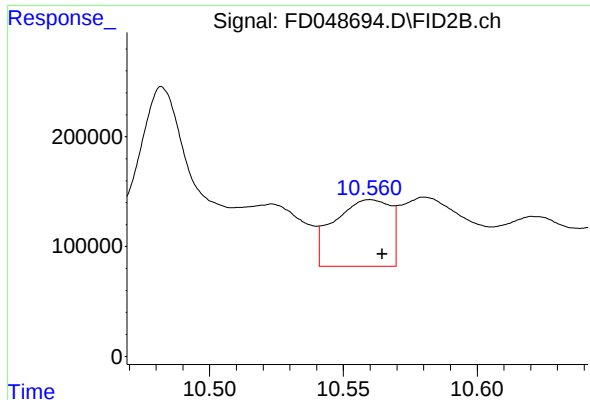
#8 Flouorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 1828546
Conc: 10.82 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 2626193
Conc: 15.89 ug/ml



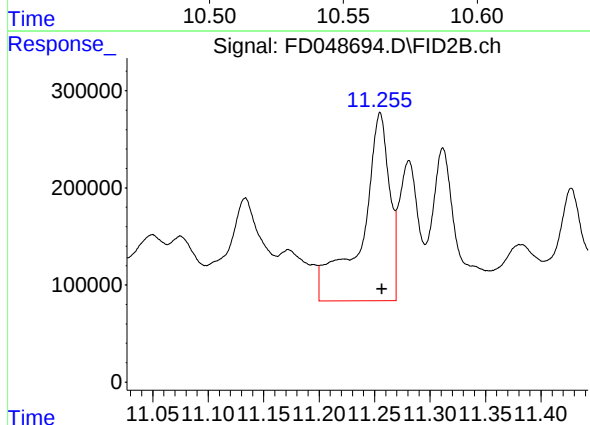
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.004 min
Response: 886022
Conc: 5.54 ug/ml

Instrument :

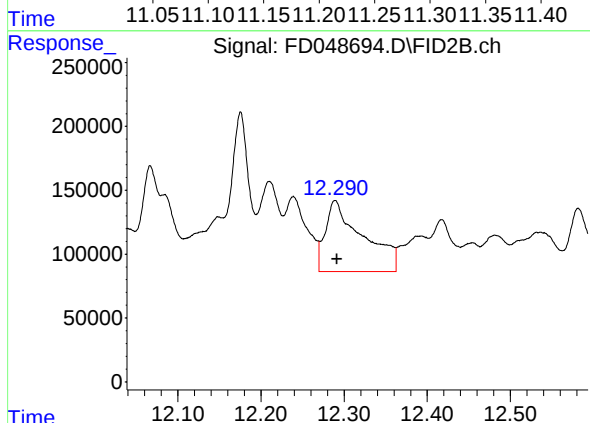
FID_D

ClientSampleId :



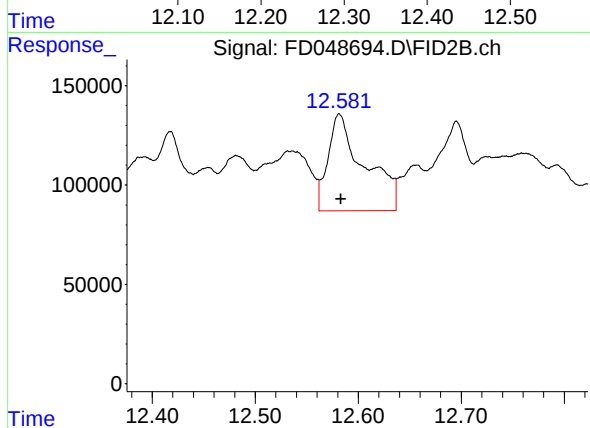
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 3385352
Conc: 19.87 ug/ml



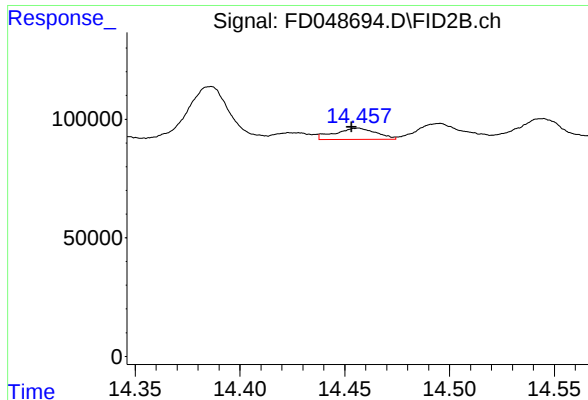
#12 Fluoranthene (C21.85)

R.T.: 12.289 min
Delta R.T.: -0.002 min
Response: 1733288
Conc: 10.53 ug/ml



#13 Pyrene (C20.8)

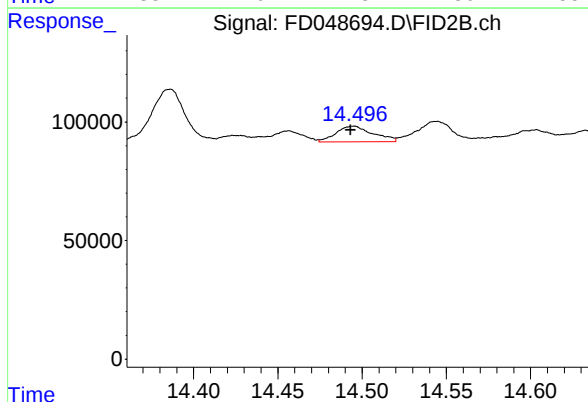
R.T.: 12.582 min
Delta R.T.: -0.001 min
Response: 1194793
Conc: 7.42 ug/ml



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

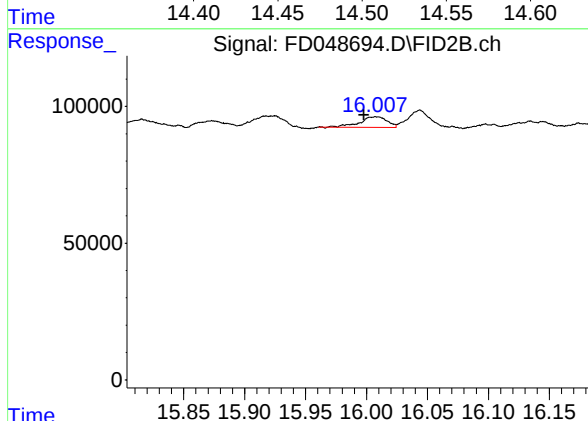
R.T.: 14.456 min
Delta R.T.: 0.003 min
Response: 64975
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



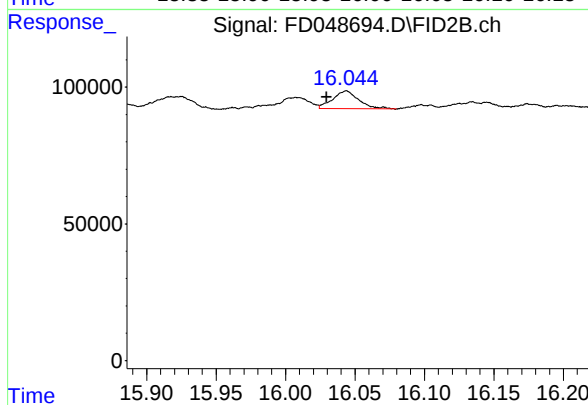
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.001 min
Response: 101359
Conc: 0.62 ug/ml



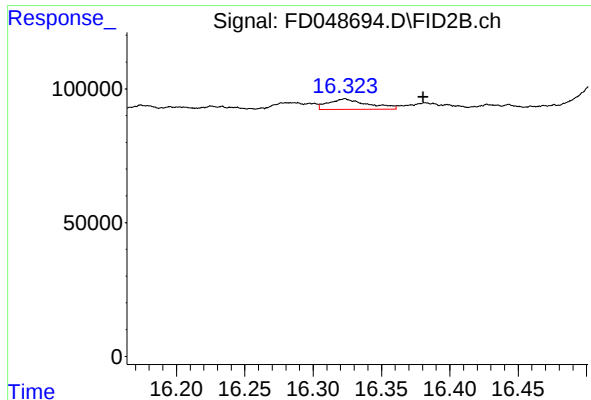
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.007 min
Delta R.T.: 0.009 min
Response: 61120
Conc: 0.40 ug/ml



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

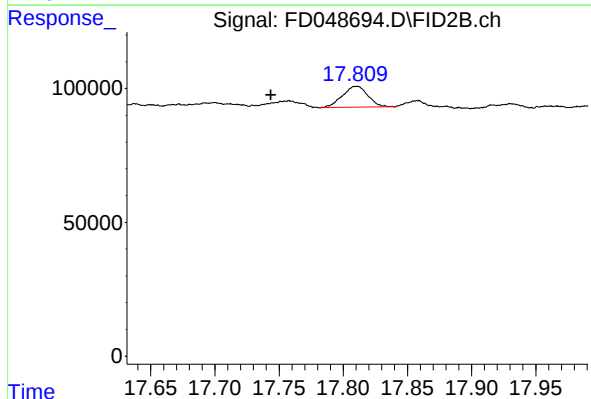
R.T.: 16.043 min
Delta R.T.: 0.014 min
Response: 83978
Conc: 0.56 ug/ml



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

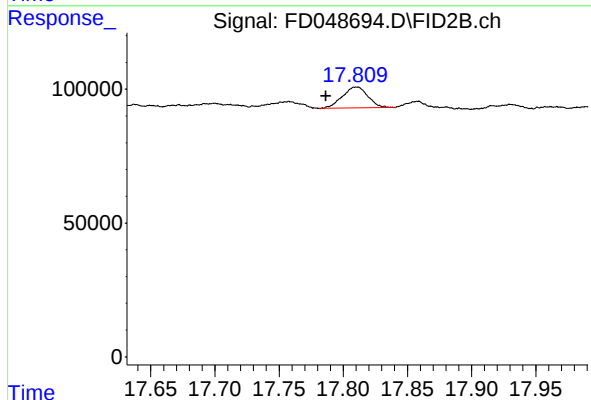
R.T.: 16.323 min
Delta R.T.: -0.057 min
Response: 78052
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.810 min
Delta R.T.: 0.066 min
Response: 107121
Conc: 0.82 ug/ml



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

R.T.: 17.810 min
Delta R.T.: 0.024 min
Response: 107121
Conc: 0.66 ug/ml