

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045069.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 19:14
 Operator : YP/AJ
 Sample : 01593-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:24:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	6651320	45.352 ug/ml
Spiked Amount 50.000		Recovery =	90.70%
6) S 2-Fluorobiphenyl (SURR)	8.414	4319850	43.280 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.56%
11) S ortho-Terphenyl (SURR)	11.454	5434142	29.238 ug/ml
Spiked Amount 50.000		Recovery =	58.48%
Target Compounds			
2) T Naphthalene (C11.7)	5.895	162589	0.960 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	197138	1.149 ug/ml
5) T Acenaphthylene (C15.06)	8.214	322586	2.053 ug/ml
7) T Acenaphthene (C15.5)	8.509	126560	0.761 ug/ml
8) T Fluorene (C16.55)	9.287	195767	1.193 ug/ml
9) T Phenanthrene (C19.36)	10.678	491312	3.039 ug/ml
10) T Anthracene (C19.43)	10.752	217937	1.470 ug/ml
12) T Fluoranthene (C21.85)	12.484	883353	5.519 ug/ml
13) T Pyrene (C20.8)	12.779	724501	4.617 ug/ml
14) T Benzo[a]anthracene (C...	14.643	423683	2.969 ug/ml
15) T Chrysene (C27.41)	14.683	506661	3.422 ug/ml
16) T benzo[b]fluoranthene ...	16.187	666366	4.593 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	280120	1.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	389887	2.790 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	361811	2.689 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	282761	2.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.167	331879	2.441 ug/ml

(f)=RT Delta > 1/2 Window

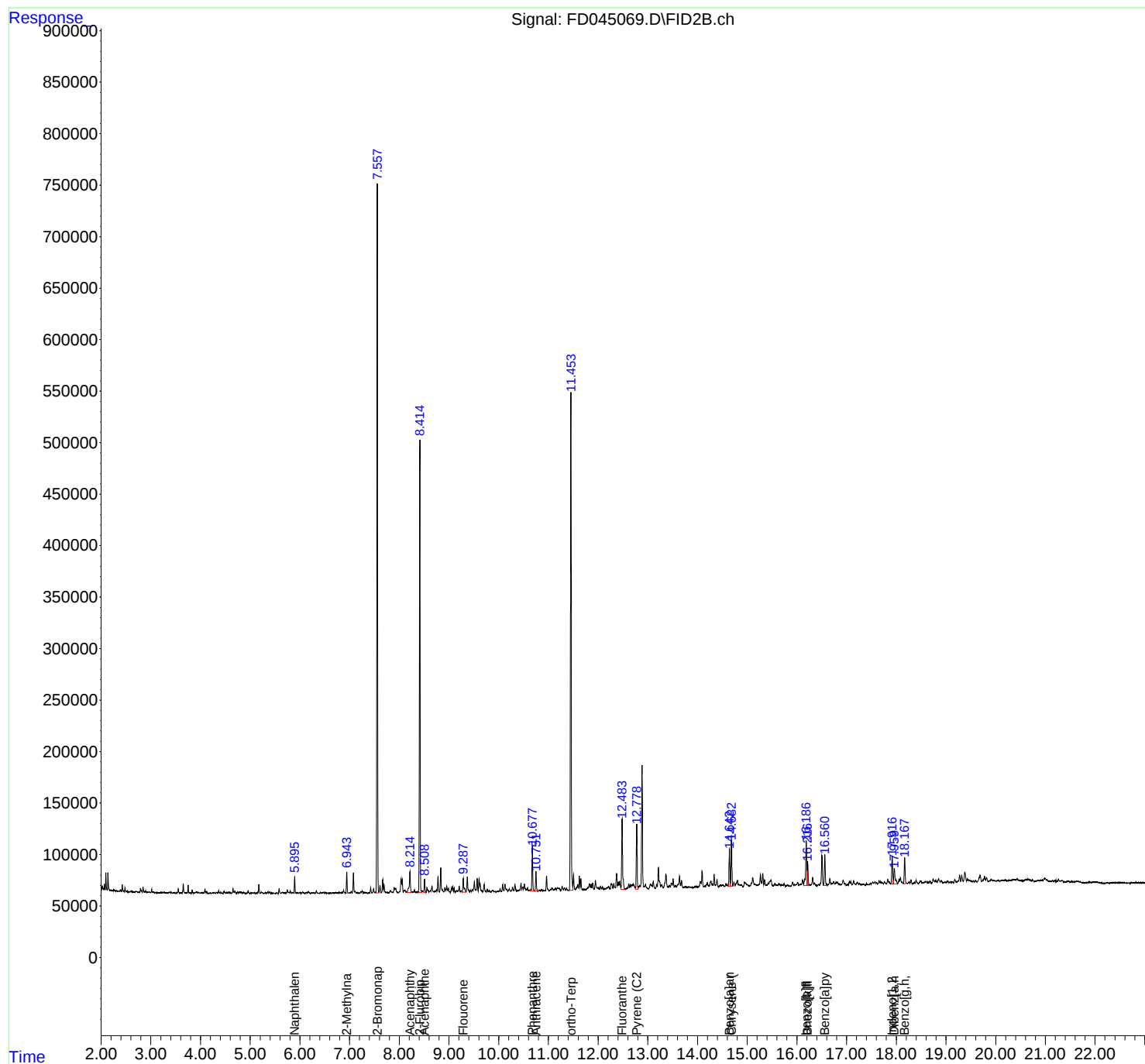
(m)=manual int.

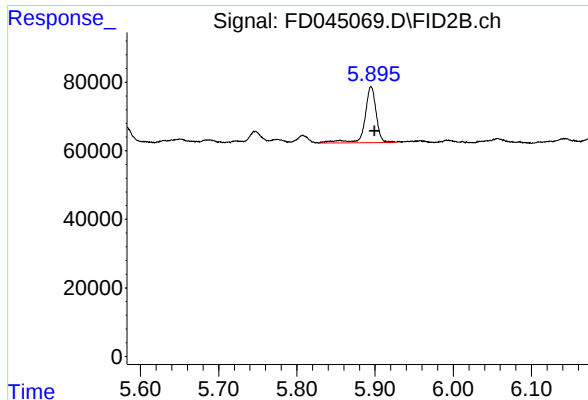
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
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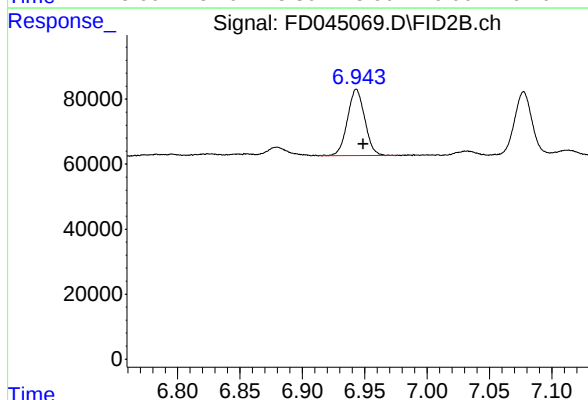




#2 Naphthalene (C11.7)

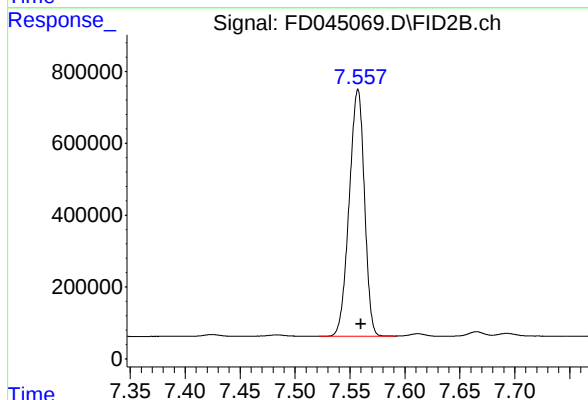
R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 162589
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



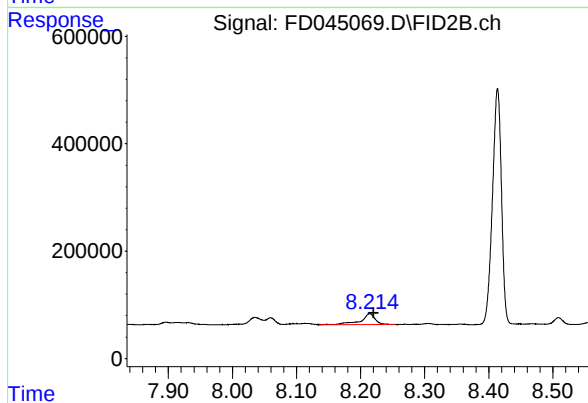
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 197138
Conc: 1.15 ug/ml



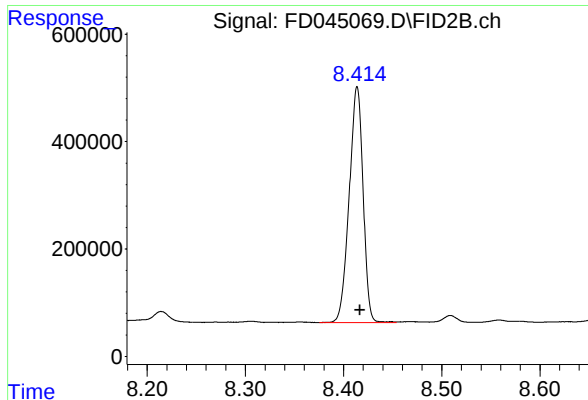
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6651320
Conc: 45.35 ug/ml



#5 Acenaphthylene (C15.06)

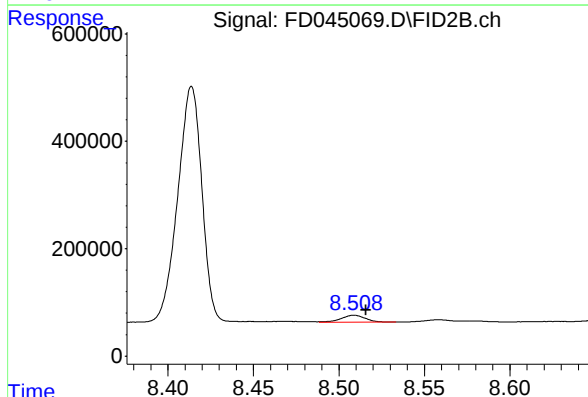
R.T.: 8.214 min
Delta R.T.: -0.006 min
Response: 322586
Conc: 2.05 ug/ml



#6 2-Fluorobiphenyl (SURR)

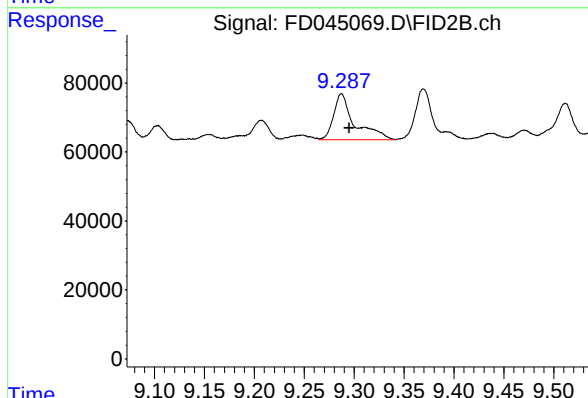
R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4319850
Conc: 43.28 ug/ml

Instrument :
FID_D
ClientSampleId :



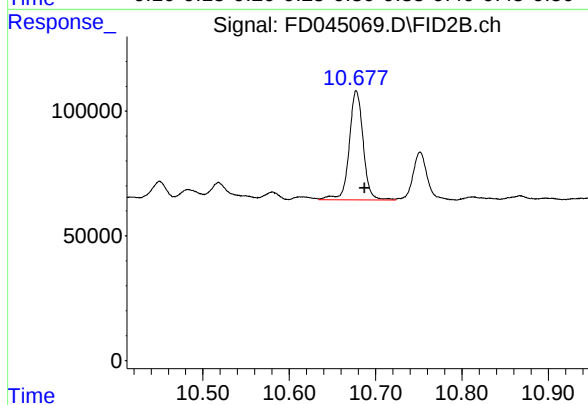
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: -0.007 min
Response: 126560
Conc: 0.76 ug/ml



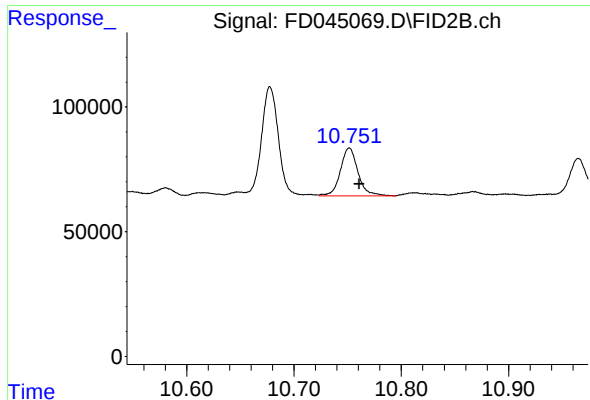
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.008 min
Response: 195767
Conc: 1.19 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 491312
Conc: 3.04 ug/ml



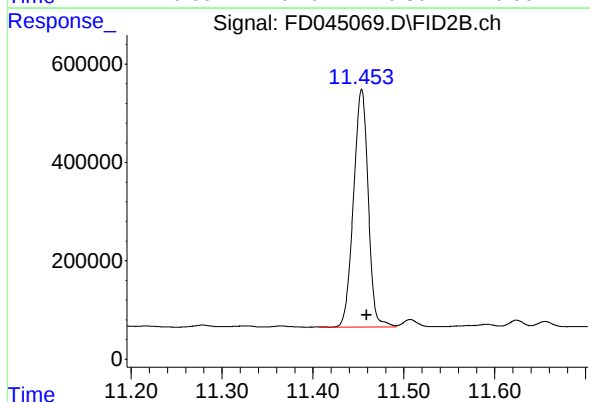
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: -0.009 min
Response: 217937
Conc: 1.47 ug/ml

Instrument :

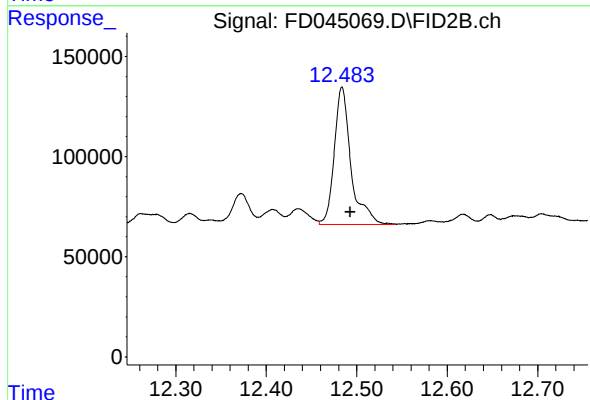
FID_D

ClientSampleId :



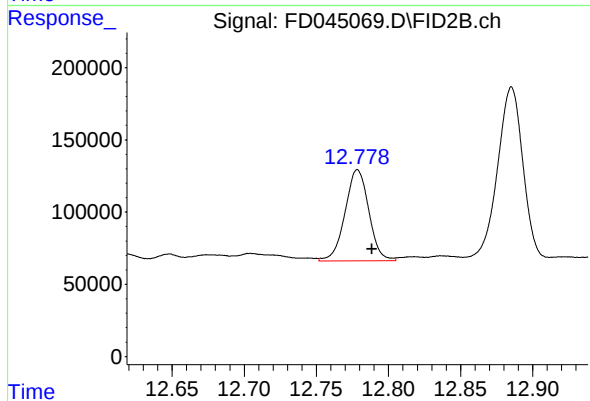
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.006 min
Response: 5434142
Conc: 29.24 ug/ml



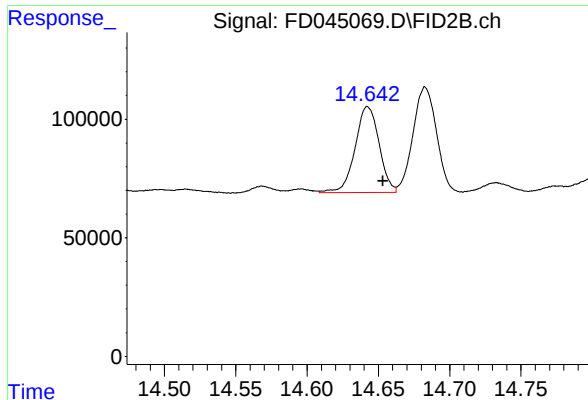
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.009 min
Response: 883353
Conc: 5.52 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.010 min
Response: 724501
Conc: 4.62 ug/ml



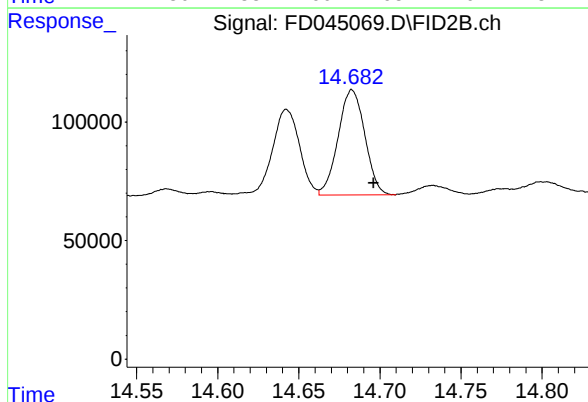
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.011 min
Response: 423683
Conc: 2.97 ug/ml

Instrument :

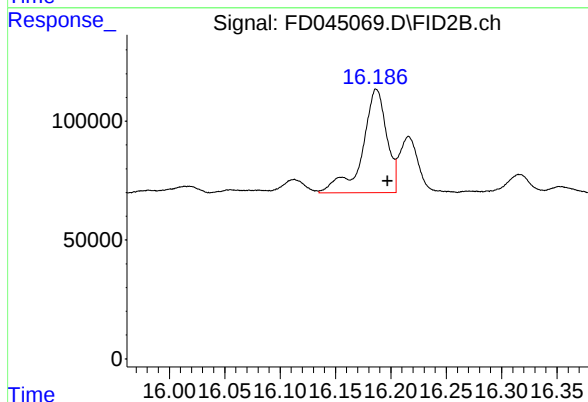
FID_D

ClientSampleId :



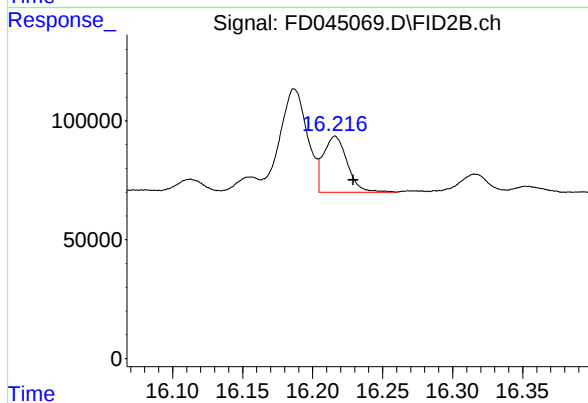
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.013 min
Response: 506661
Conc: 3.42 ug/ml



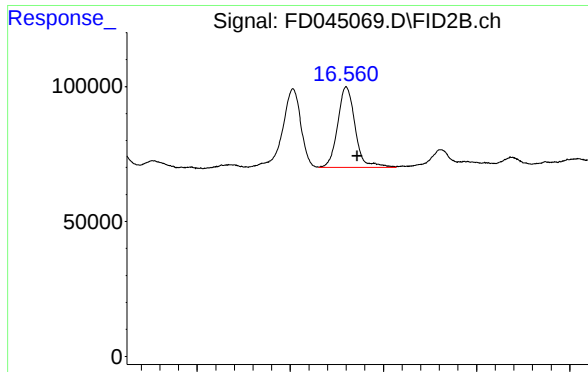
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 666366
Conc: 4.59 ug/ml



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

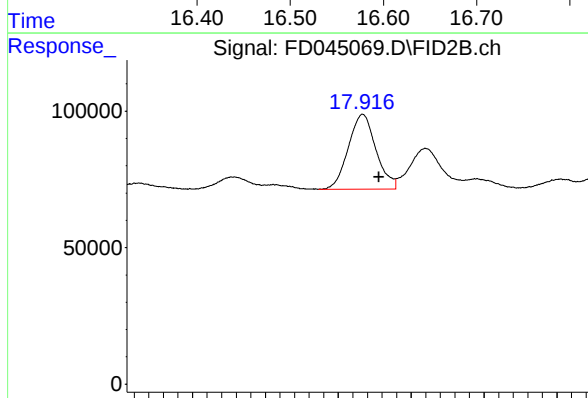
R.T.: 16.216 min
Delta R.T.: -0.013 min
Response: 280120
Conc: 1.96 ug/ml



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

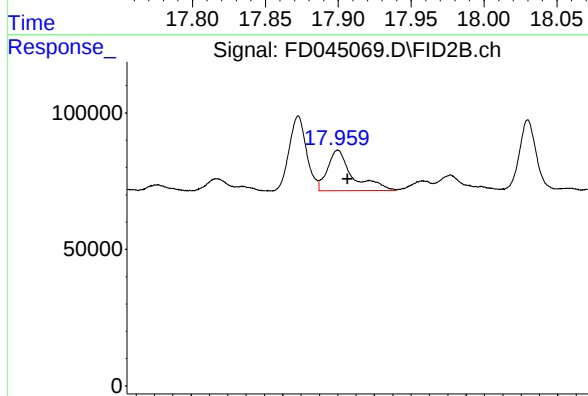
R.T.: 16.560 min
Delta R.T.: -0.012 min
Response: 389887
Conc: 2.79 ug/ml

Instrument :
FID_D
ClientSampleId :



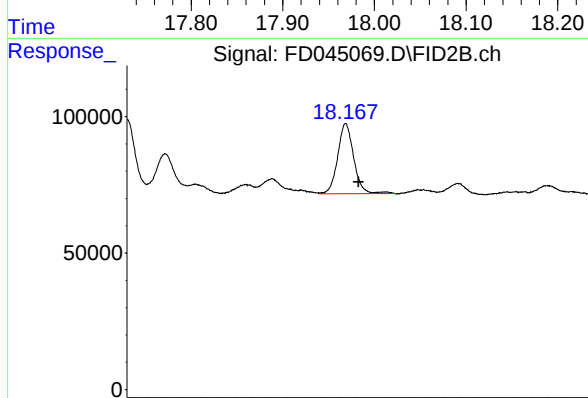
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.917 min
Delta R.T.: -0.011 min
Response: 361811
Conc: 2.69 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.011 min
Response: 282761
Conc: 2.13 ug/ml



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

R.T.: 18.167 min
Delta R.T.: -0.015 min
Response: 331879
Conc: 2.44 ug/ml