

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045903.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 12:02
 Operator : YP/AJ
 Sample : 03297-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:10:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.523	8272320	45.884 ug/ml
Spiked Amount 50.000		Recovery =	91.77%
6) S 2-Fluorobiphenyl (SURR)	8.377	5261830	43.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.53%
11) S ortho-Terphenyl (SURR)	11.416	7225389	32.348 ug/ml
Spiked Amount 50.000		Recovery =	64.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	53486	0.265 ug/ml
2) T Naphthalene (C11.7)	5.860	85902	0.405 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	104029	0.493 ug/ml
5) T Acenaphthylene (C15.06)	8.178	121509	0.641 ug/ml
7) T Acenaphthene (C15.5)	8.473	135188	0.669 ug/ml
8) T Fluorene (C16.55)	9.250	156320	0.789 ug/ml
9) T Phenanthrene (C19.36)	10.640	1052184	5.500 ug/ml
10) T Anthracene (C19.43)	10.713	287855	1.690 ug/ml
12) T Fluoranthene (C21.85)	12.444	1856412	10.048 ug/ml
13) T Pyrene (C20.8)	12.738	1594523	8.928 ug/ml
14) T Benzo[a]anthracene (C...	14.641	932539	5.956 ug/ml
15) T Chrysene (C27.41)	14.641	932539	5.652 ug/ml
16) T benzo[b]fluoranthene ...	16.170	429744	2.839 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	429744	2.776 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	896180	6.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	199898	1.365 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	130963	0.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	30980	0.210 ug/ml

(f)=RT Delta > 1/2 Window

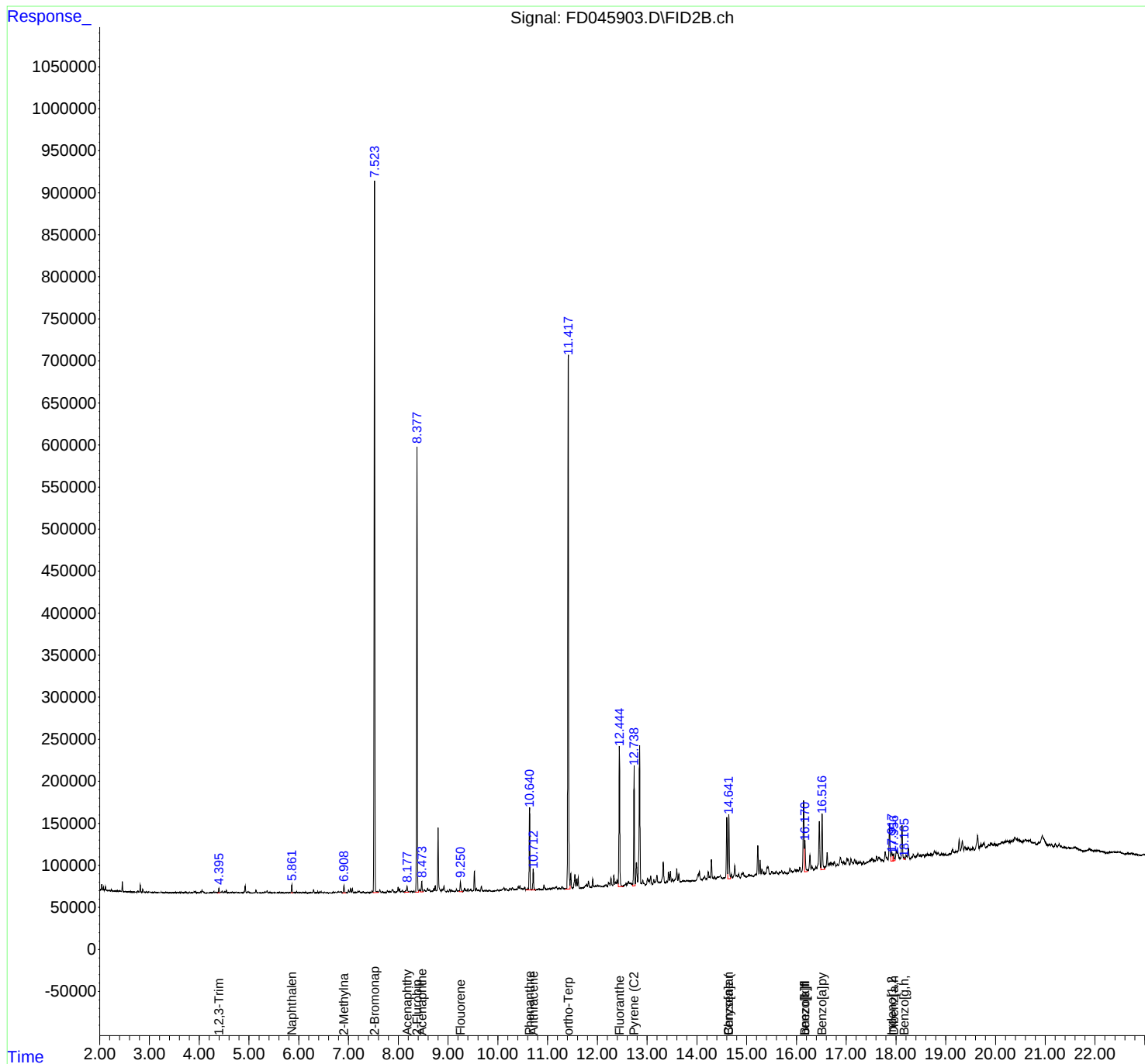
(m)=manual int.

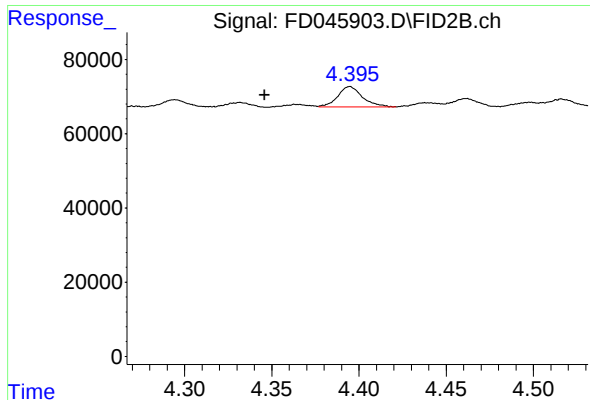
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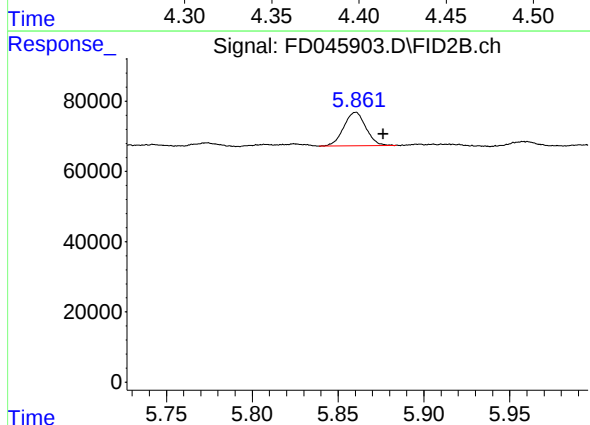




#1 1,2,3-Trimethylbenzene (C10.1)

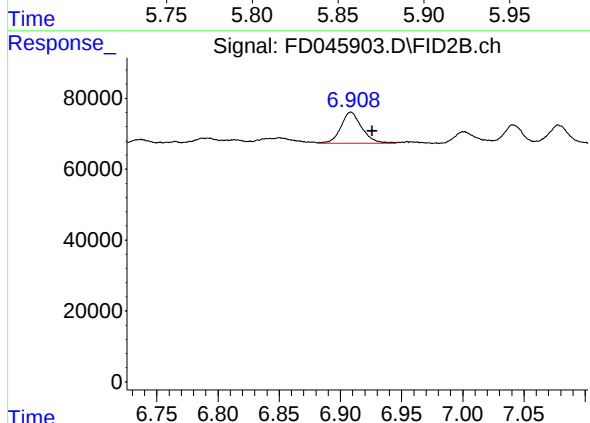
R.T.: 4.395 min
Delta R.T.: 0.049 min
Response: 53486
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



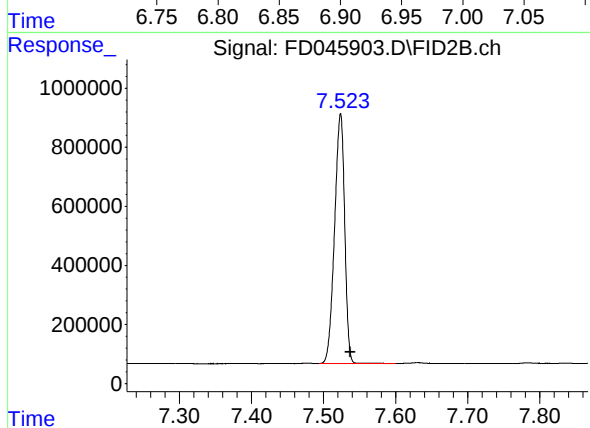
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.016 min
Response: 85902
Conc: 0.41 ug/ml



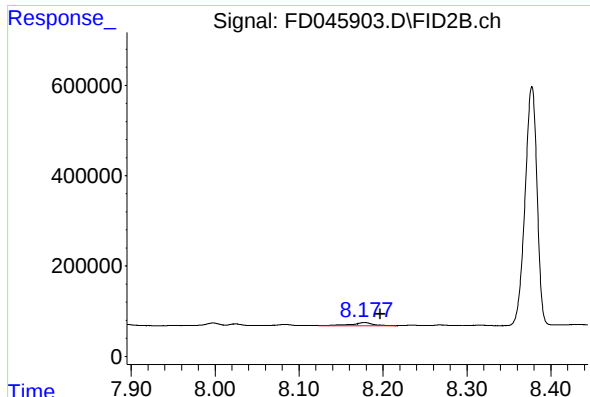
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.017 min
Response: 104029
Conc: 0.49 ug/ml



#4 2-Bromonaphthalene (SURR)

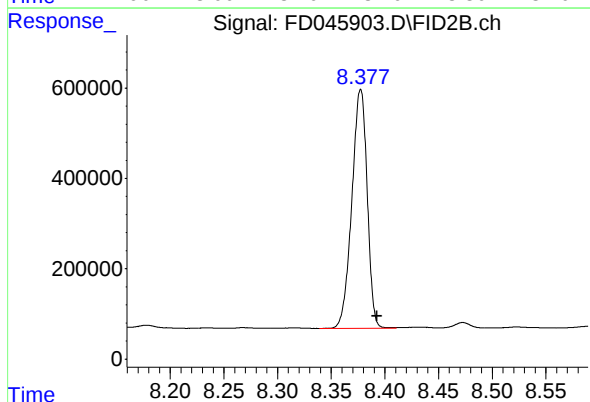
R.T.: 7.523 min
Delta R.T.: -0.014 min
Response: 8272320
Conc: 45.88 ug/ml



#5 Acenaphthylene (C15.06)

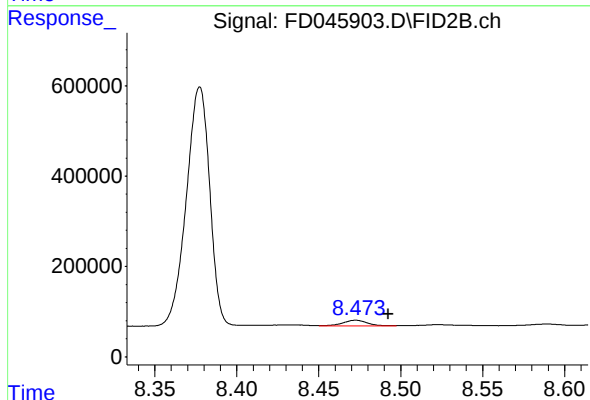
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 121509
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :



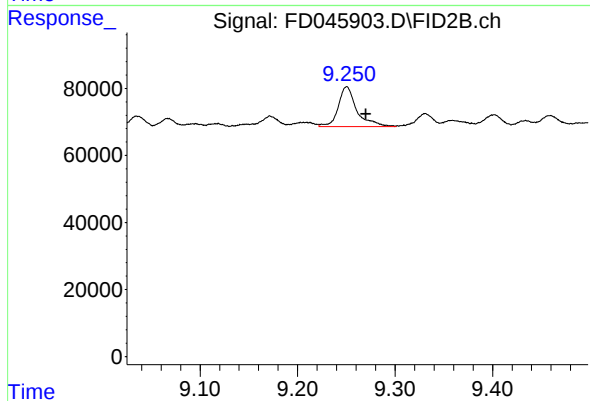
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: -0.015 min
Response: 5261830
Conc: 43.77 ug/ml



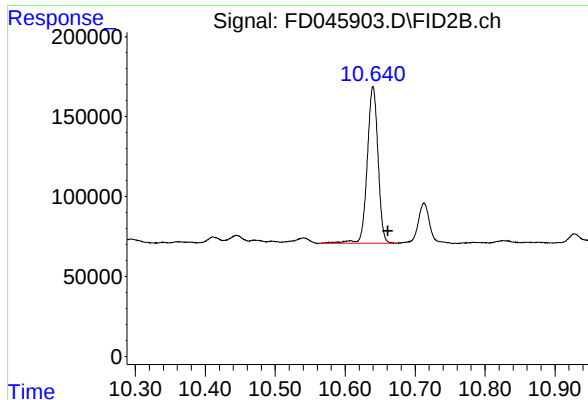
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.020 min
Response: 135188
Conc: 0.67 ug/ml



#8 Flouorene (C16.55)

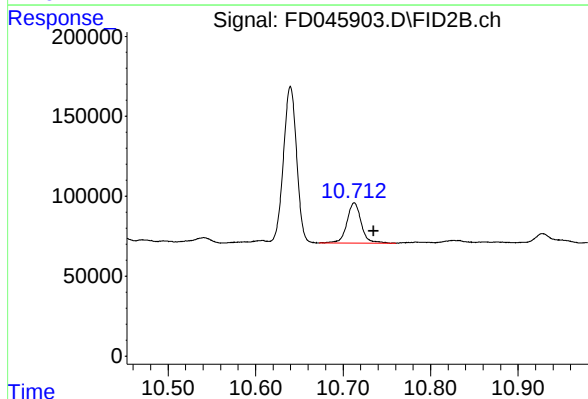
R.T.: 9.250 min
Delta R.T.: -0.020 min
Response: 156320
Conc: 0.79 ug/ml



#9 Phenanthrene (C19.36)

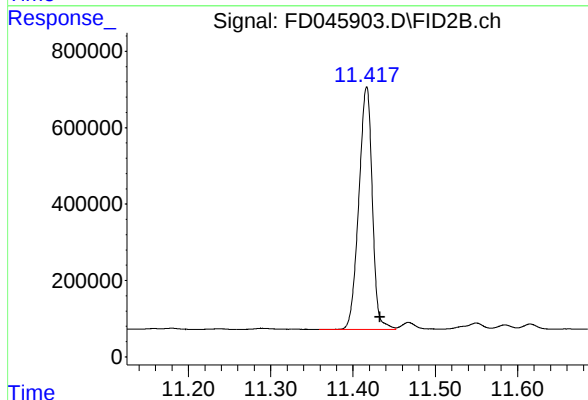
R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 1052184
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :



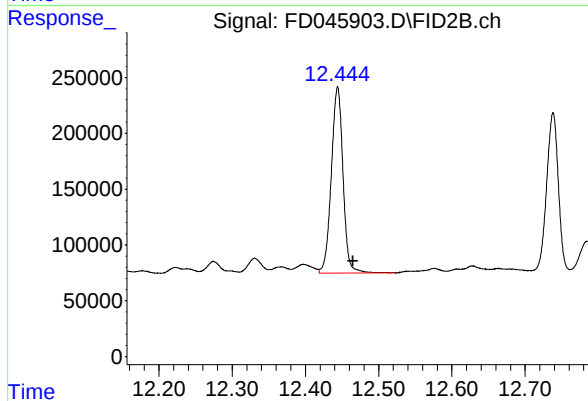
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.022 min
Response: 287855
Conc: 1.69 ug/ml



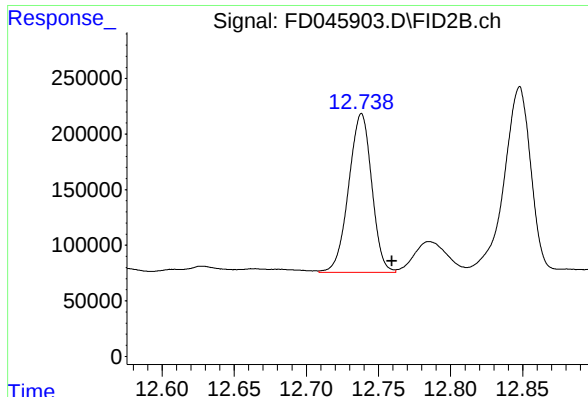
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.016 min
Response: 7225389
Conc: 32.35 ug/ml



#12 Fluoranthene (C21.85)

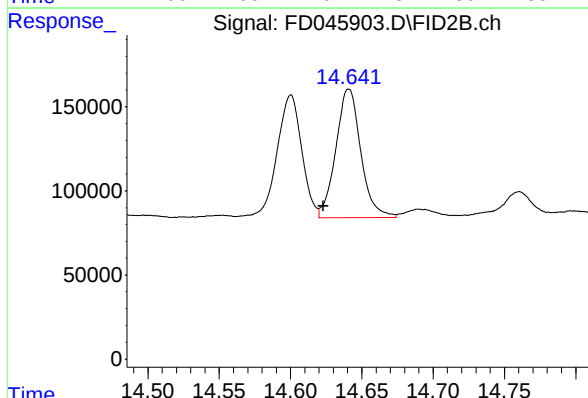
R.T.: 12.444 min
Delta R.T.: -0.021 min
Response: 1856412
Conc: 10.05 ug/ml



#13 Pyrene (C20.8)

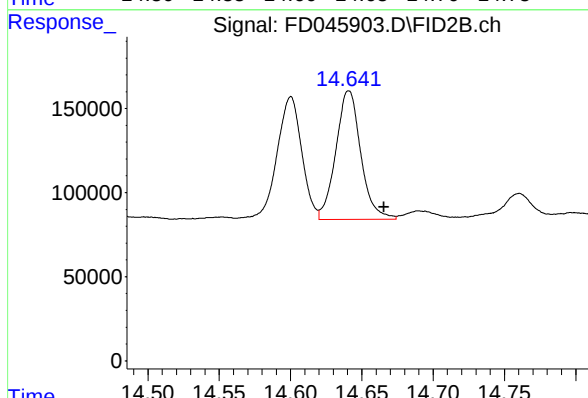
R.T.: 12.738 min
Delta R.T.: -0.021 min
Response: 1594523
Conc: 8.93 ug/ml

Instrument :
FID_D
ClientSampleId :



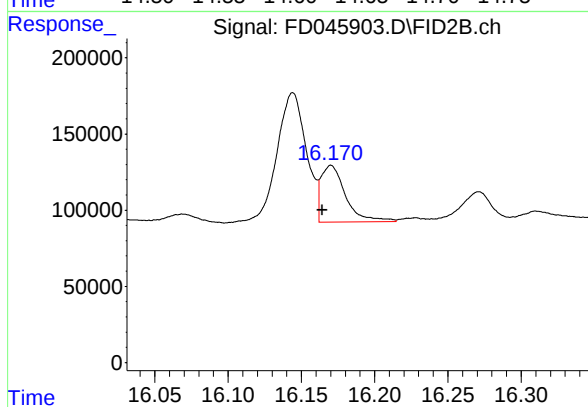
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.018 min
Response: 932539
Conc: 5.96 ug/ml



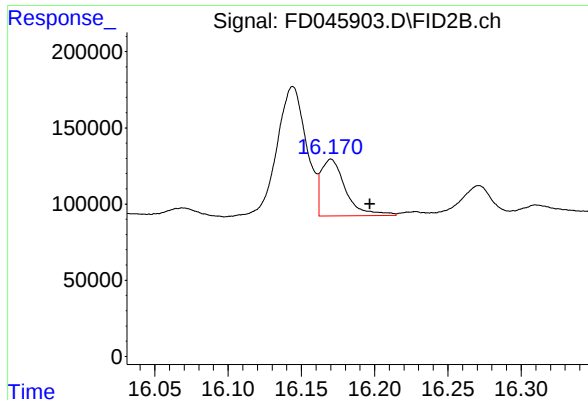
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.025 min
Response: 932539
Conc: 5.65 ug/ml



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

R.T.: 16.170 min
Delta R.T.: 0.006 min
Response: 429744
Conc: 2.84 ug/ml



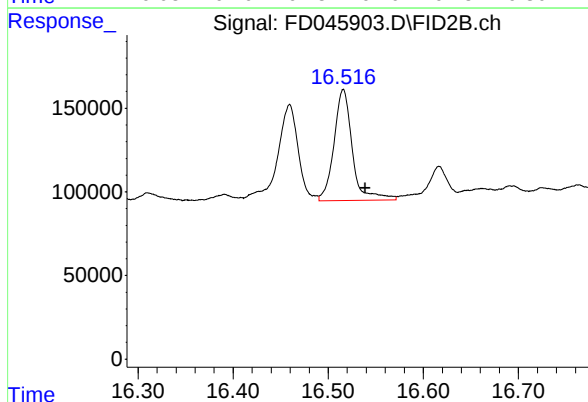
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.170 min
Delta R.T.: -0.027 min
Response: 429744
Conc: 2.78 ug/ml

Instrument :

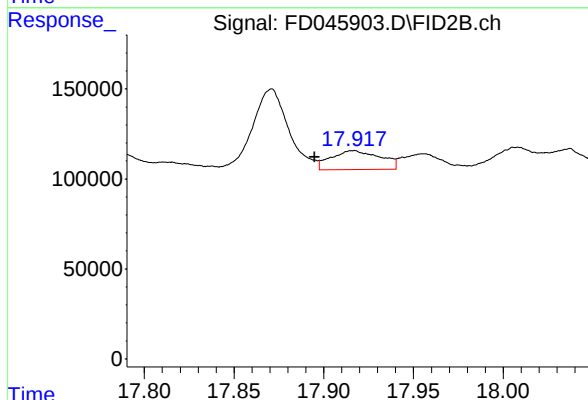
FID_D

ClientSampleId :



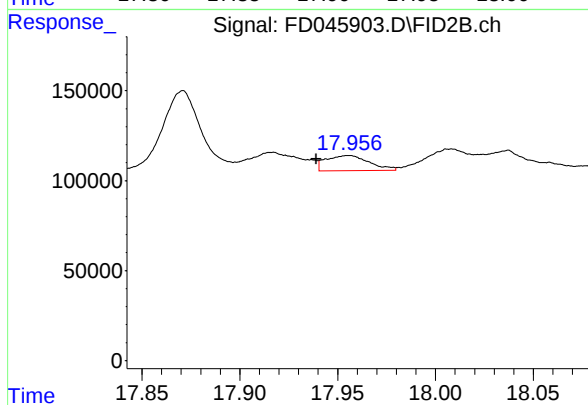
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.516 min
Delta R.T.: -0.023 min
Response: 896180
Conc: 6.13 ug/ml



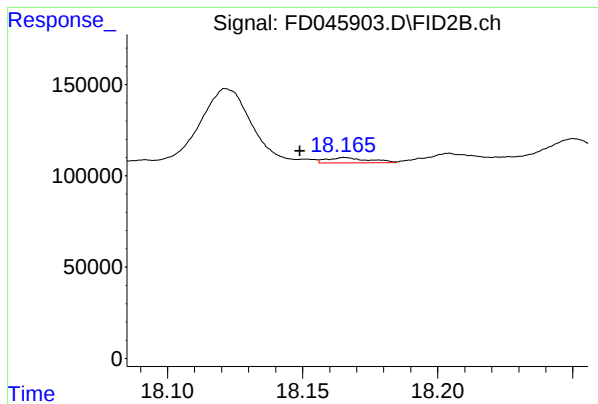
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.021 min
Response: 199898
Conc: 1.36 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.016 min
Response: 130963
Conc: 0.87 ug/ml



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

R.T.: 18.166 min

Delta R.T.: 0.017 min

Response: 30980

Conc: 0.21 ug/ml

Instrument :

FID_D

ClientSampleId :