

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045591.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 17:47
 Operator : YP/AJ
 Sample : 02505-08DL 10X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:36:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.543	909360	6.290 ug/ml
Spiked Amount 50.000		Recovery =	12.58%
6) S 2-Fluorobiphenyl (SURR)	8.399	537568	5.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.53%
11) S ortho-Terphenyl (SURR)	11.437	835340	4.668 ug/ml
Spiked Amount 50.000		Recovery =	9.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	45953	0.274 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	160345	0.948 ug/ml
7) T Acenaphthene (C15.5)	8.460	44772	0.276 ug/ml
9) T Phenanthrene (C19.36)	10.666	124599	0.835 ug/ml
10) T Anthracene (C19.43)	10.735	95045	0.736 ug/ml
12) T Fluoranthene (C21.85)	12.471	84448	0.574 ug/ml
13) T Pyrene (C20.8)	12.765	240745	1.678 ug/ml
14) T Benzo[a]anthracene (C...	14.625	2034401	15.524 ug/ml
15) T Chrysene (C27.41)	14.684	2225564	16.303 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2633265	19.721 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	3313500	24.770 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	5529738	43.215 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	2772755	22.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	2016752	14.804 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	1830382	13.971 ug/ml

(f)=RT Delta > 1/2 Window

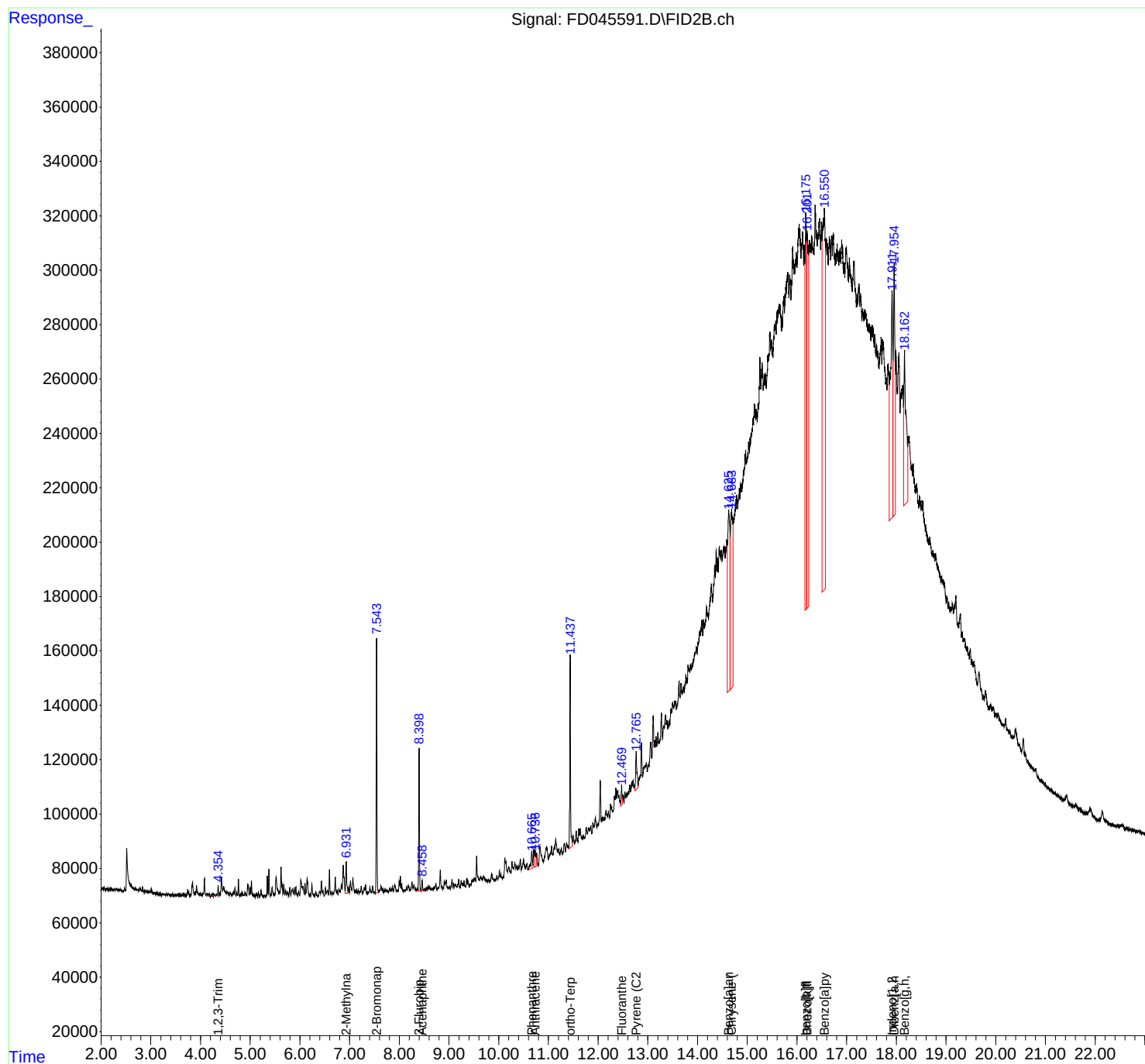
(m)=manual int.

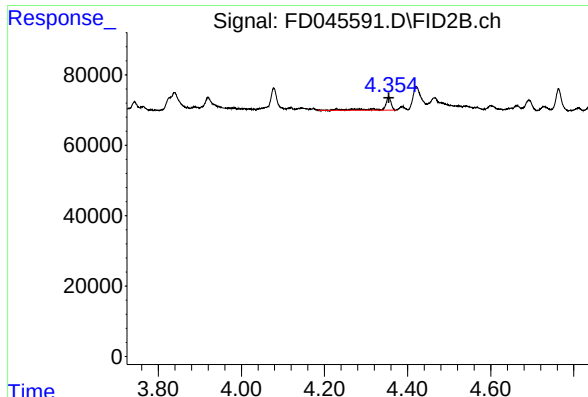
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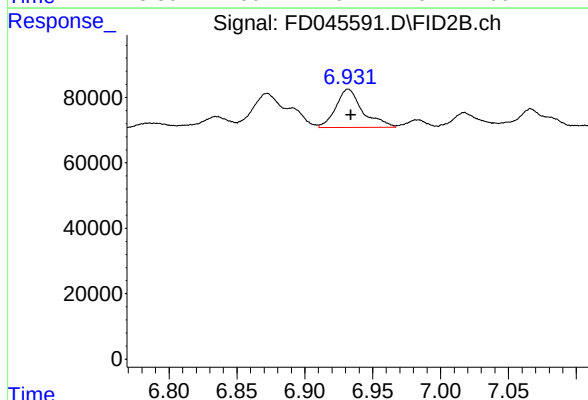




#1 1,2,3-Trimethylbenzene (C10.1)

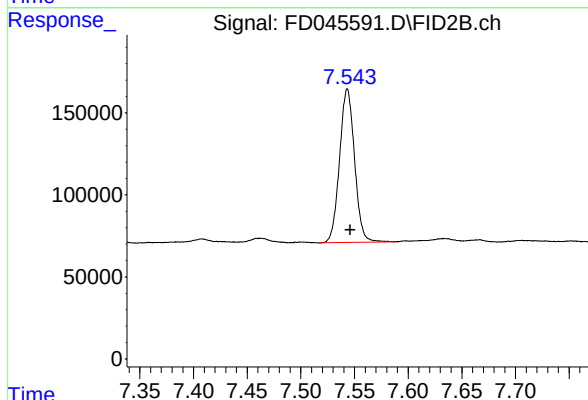
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 45953
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



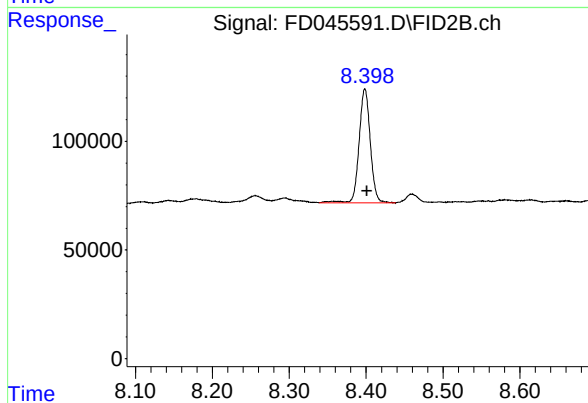
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 160345
Conc: 0.95 ug/ml



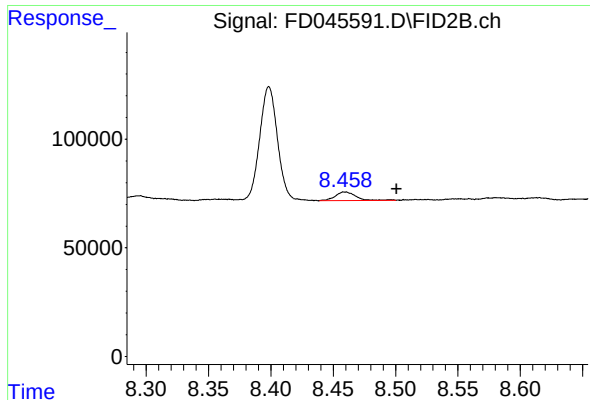
#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 909360
Conc: 6.29 ug/ml



#6 2-Fluorobiphenyl (SURR)

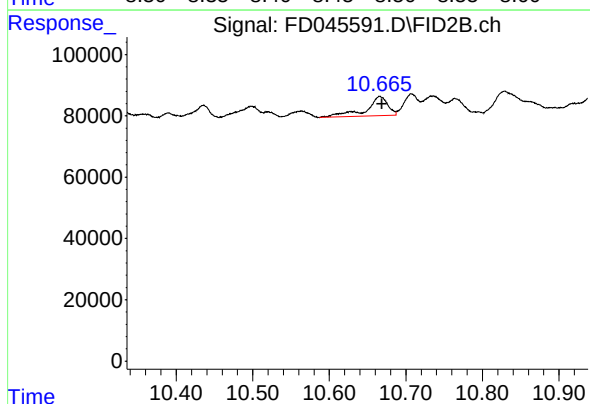
R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 537568
Conc: 5.76 ug/ml



#7 Acenaphthene (C15.5)

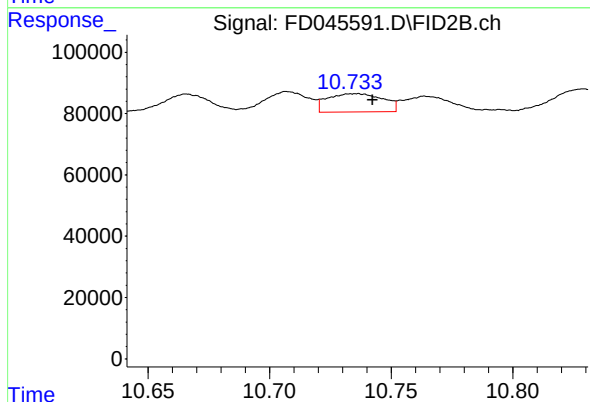
R.T.: 8.460 min
Delta R.T.: -0.041 min
Response: 44772
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



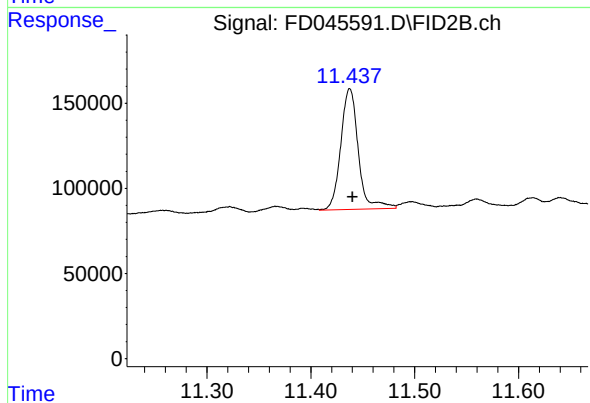
#9 Phenanthrene (C19.36)

R.T.: 10.666 min
Delta R.T.: -0.003 min
Response: 124599
Conc: 0.84 ug/ml



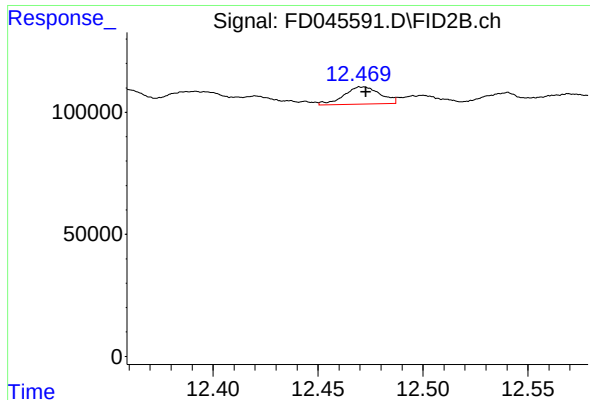
#10 Anthracene (C19.43)

R.T.: 10.735 min
Delta R.T.: -0.007 min
Response: 95045
Conc: 0.74 ug/ml



#11 ortho-Terphenyl (SURR)

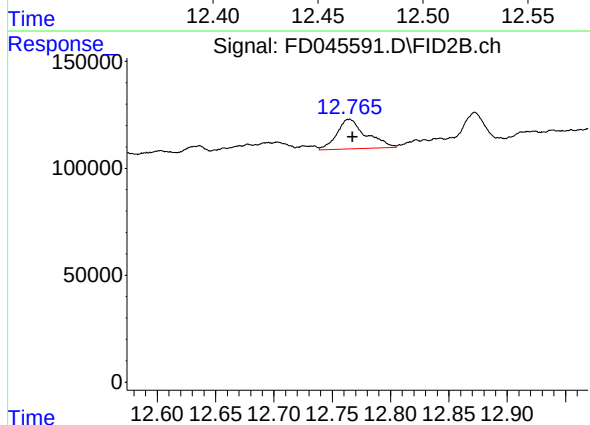
R.T.: 11.437 min
Delta R.T.: -0.003 min
Response: 835340
Conc: 4.67 ug/ml



#12 Fluoranthene (C21.85)

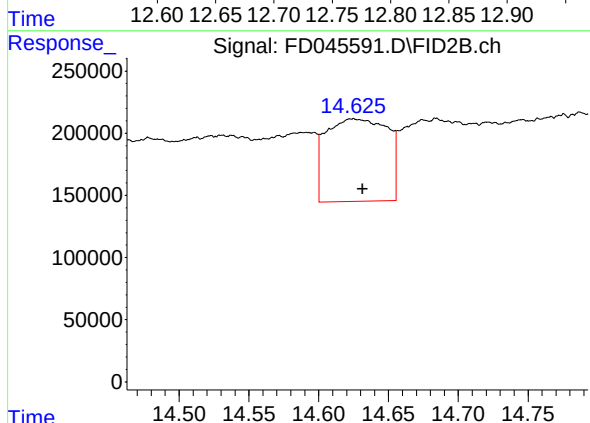
R.T.: 12.471 min
Delta R.T.: -0.001 min
Response: 84448
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



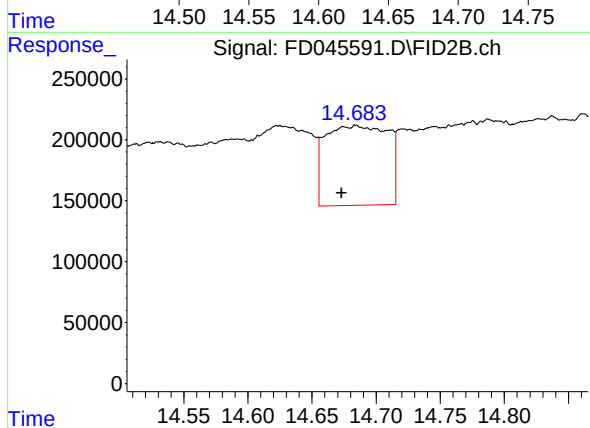
#13 Pyrene (C20.8)

R.T.: 12.765 min
Delta R.T.: -0.003 min
Response: 240745
Conc: 1.68 ug/ml



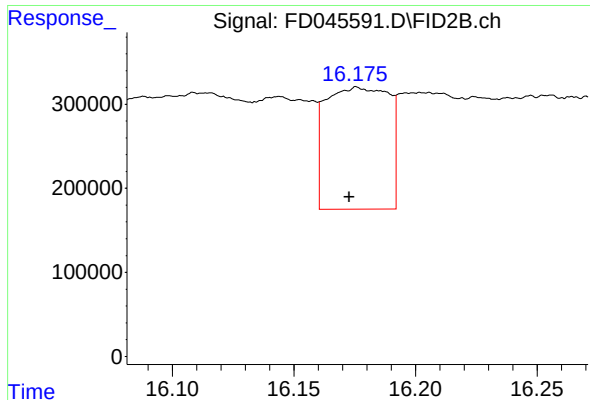
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: -0.006 min
Response: 2034401
Conc: 15.52 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.011 min
Response: 2225564
Conc: 16.30 ug/ml



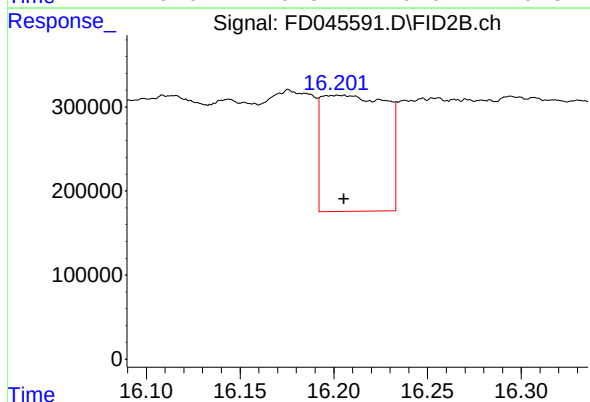
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.176 min
Delta R.T.: 0.003 min
Response: 2633265
Conc: 19.72 ug/ml

Instrument :

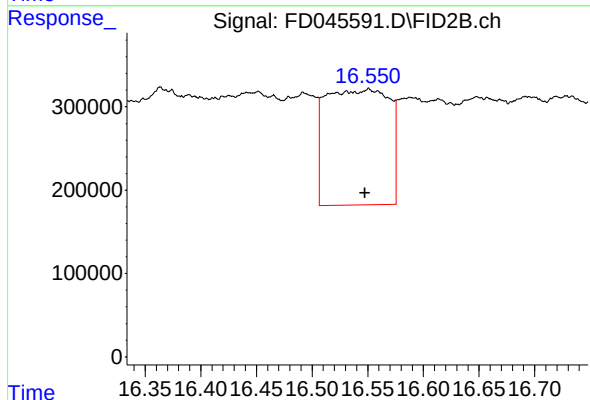
FID_D

ClientSampleId :



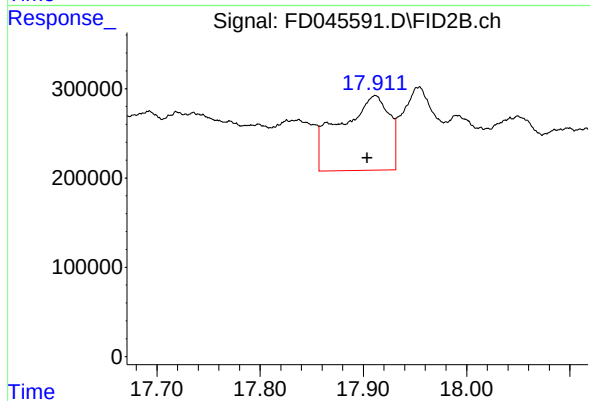
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.202 min
Delta R.T.: -0.003 min
Response: 3313500
Conc: 24.77 ug/ml



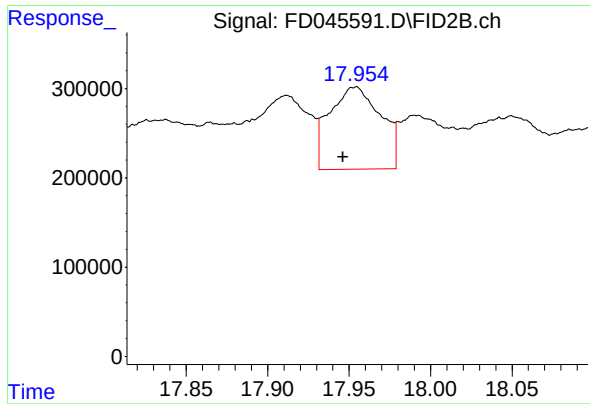
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: 0.003 min
Response: 5529738
Conc: 43.22 ug/ml



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

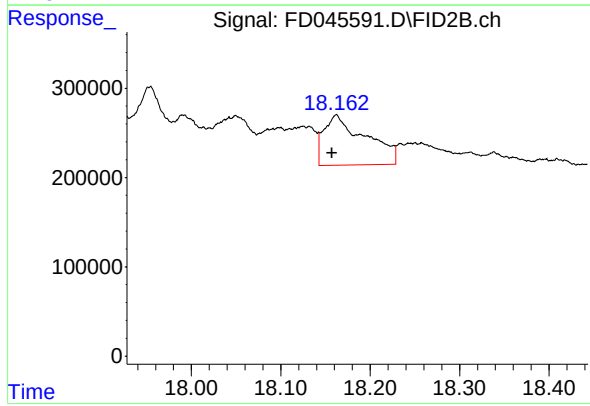
R.T.: 17.911 min
Delta R.T.: 0.007 min
Response: 2772755
Conc: 22.07 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.007 min
Response: 2016752
Conc: 14.80 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.162 min
Delta R.T.: 0.005 min
Response: 1830382
Conc: 13.97 ug/ml