

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045893.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 23:57
 Operator : YP/AJ
 Sample : 03296-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:25:06 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	7546092	41.856 ug/ml
Spiked Amount 50.000		Recovery =	83.71%
6) S 2-Fluorobiphenyl (SURR)	8.378	4910397	40.843 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.69%
11) S ortho-Terphenyl (SURR)	11.417	7213053	32.292 ug/ml
Spiked Amount 50.000		Recovery =	64.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295f	20922	0.104 ug/ml
2) T Naphthalene (C11.7)	5.862	39187	0.185 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	52021	0.246 ug/ml
5) T Acenaphthylene (C15.06)	8.178	56214	0.297 ug/ml
7) T Acenaphthene (C15.5)	8.473	46372	0.229 ug/ml
8) T Fluorene (C16.55)	9.253	53438	0.270 ug/ml
9) T Phenanthrene (C19.36)	10.640	394463	2.062 ug/ml
10) T Anthracene (C19.43)	10.714	114430	0.672 ug/ml
12) T Fluoranthene (C21.85)	12.443	837280	4.532 ug/ml
13) T Pyrene (C20.8)	12.737	752774	4.215 ug/ml
14) T Benzo[a]anthracene (C...	14.640	444481	2.839 ug/ml
15) T Chrysene (C27.41)	14.691	47617	0.289 ug/ml
16) T benzo[b]fluoranthene ...	16.170	205987	1.361 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	205987	1.330 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	447342	3.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	113330	0.774 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	85545	0.570 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	333896	2.263 ug/ml

(f)=RT Delta > 1/2 Window

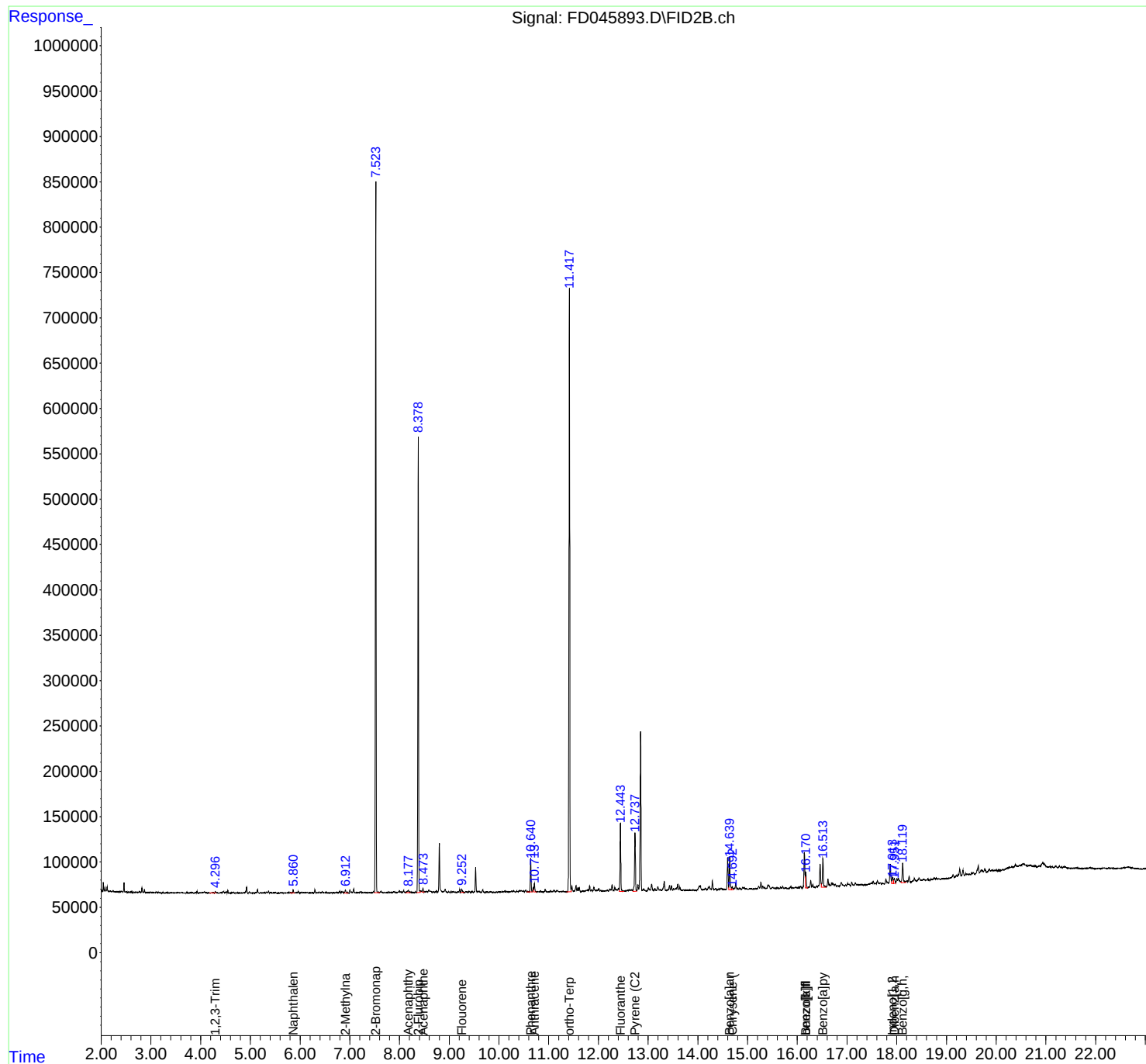
(m)=manual int.

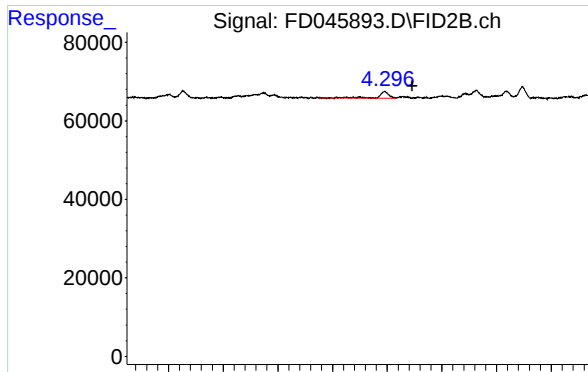
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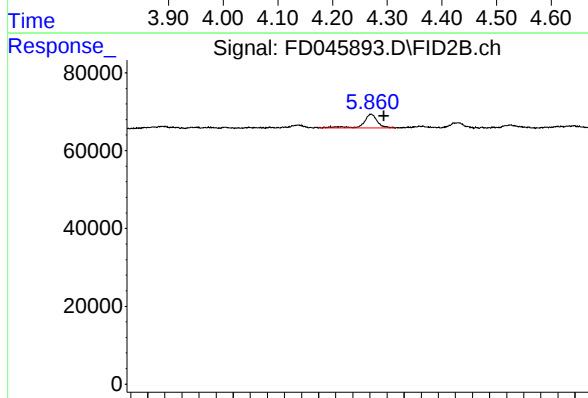




#1 1,2,3-Trimethylbenzene (C10.1)

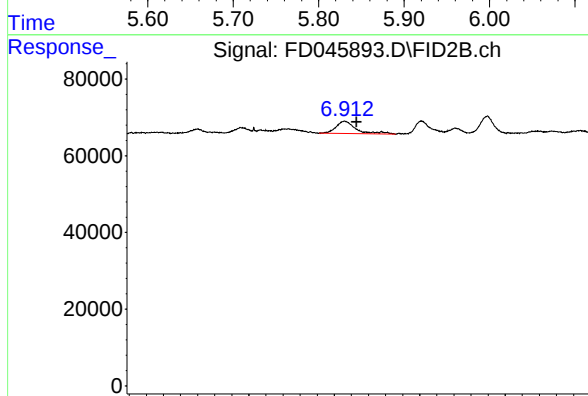
R.T.: 4.295 min
Delta R.T.: -0.051 min
Response: 20922
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



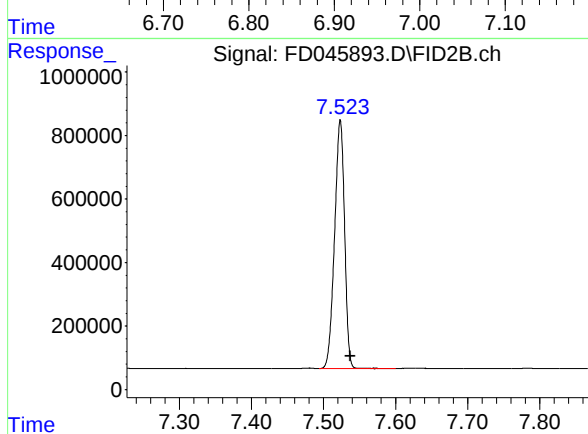
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.015 min
Response: 39187
Conc: 0.18 ug/ml



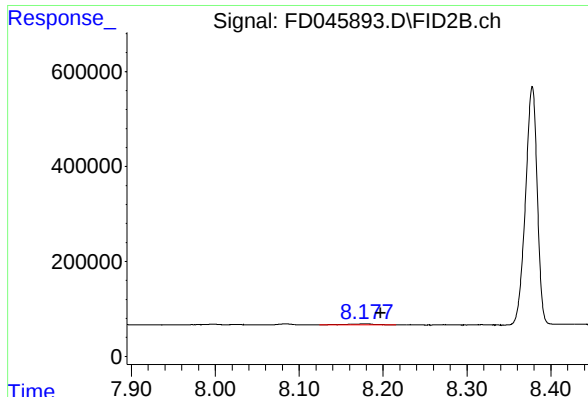
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 52021
Conc: 0.25 ug/ml



#4 2-Bromonaphthalene (SURR)

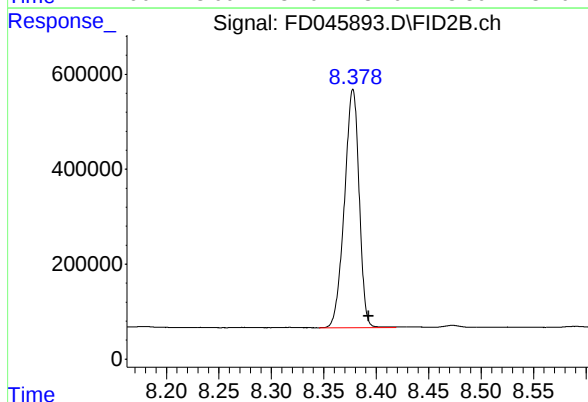
R.T.: 7.523 min
Delta R.T.: -0.014 min
Response: 7546092
Conc: 41.86 ug/ml



#5 Acenaphthylene (C15.06)

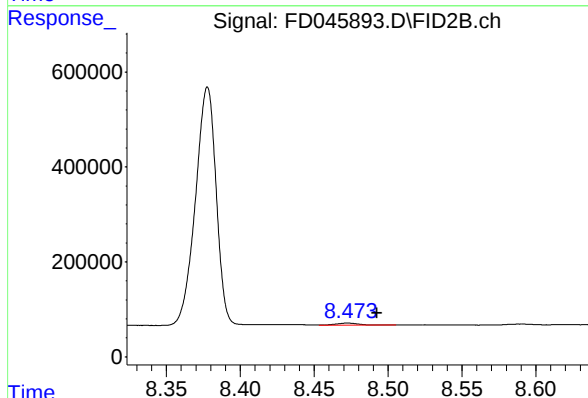
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 56214
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



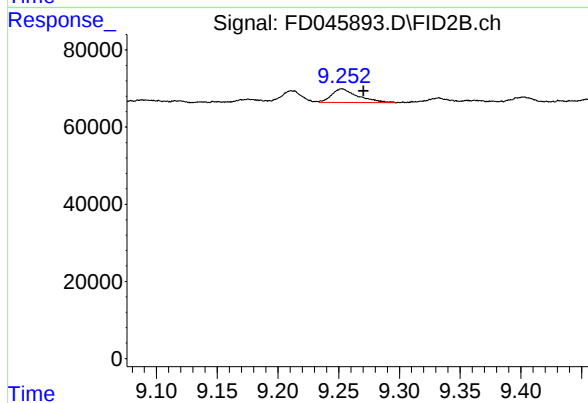
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 4910397
Conc: 40.84 ug/ml



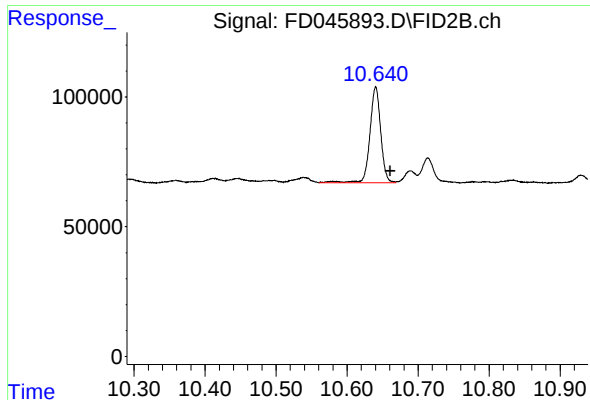
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.020 min
Response: 46372
Conc: 0.23 ug/ml



#8 Flouorene (C16.55)

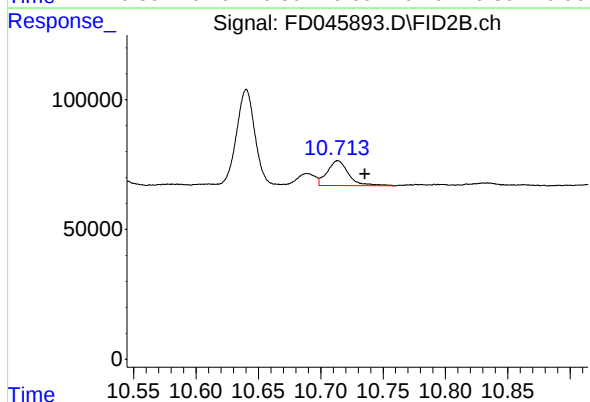
R.T.: 9.253 min
Delta R.T.: -0.018 min
Response: 53438
Conc: 0.27 ug/ml



#9 Phenanthrene (C19.36)

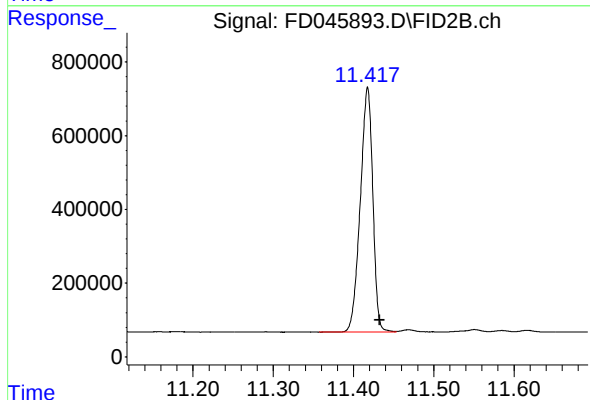
R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 394463
Conc: 2.06 ug/ml

Instrument :
FID_D
ClientSampleId :



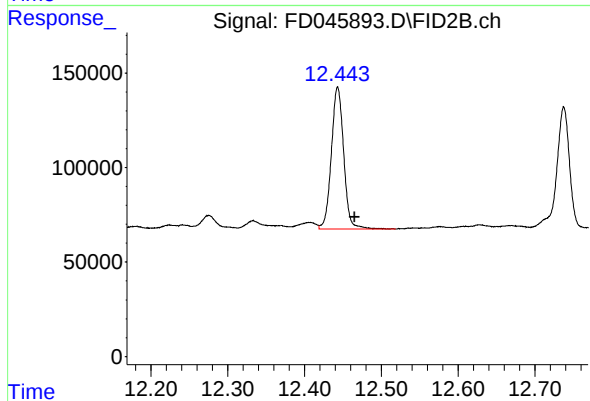
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.022 min
Response: 114430
Conc: 0.67 ug/ml



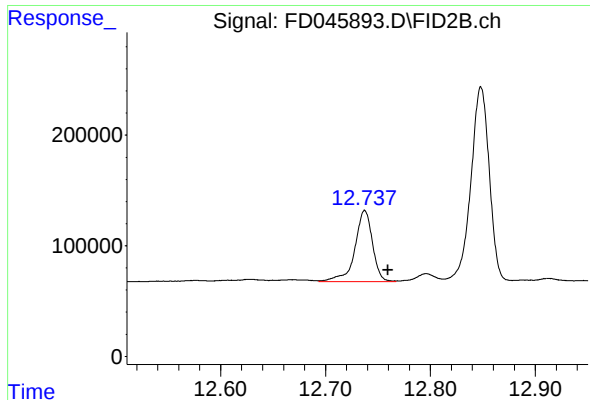
#11 ortho-Terphenyl (SURRE)

R.T.: 11.417 min
Delta R.T.: -0.015 min
Response: 7213053
Conc: 32.29 ug/ml



#12 Fluoranthene (C21.85)

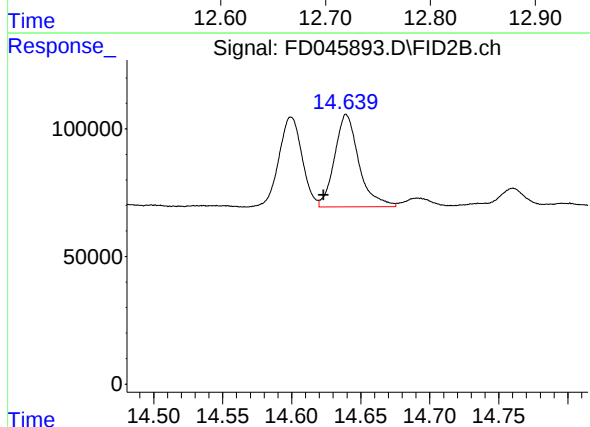
R.T.: 12.443 min
Delta R.T.: -0.022 min
Response: 837280
Conc: 4.53 ug/ml



#13 Pyrene (C20.8)

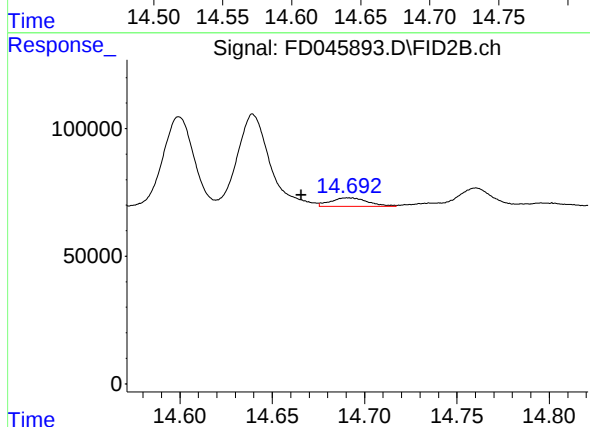
R.T.: 12.737 min
Delta R.T.: -0.022 min
Response: 752774
Conc: 4.21 ug/ml

Instrument :
FID_D
ClientSampleId :



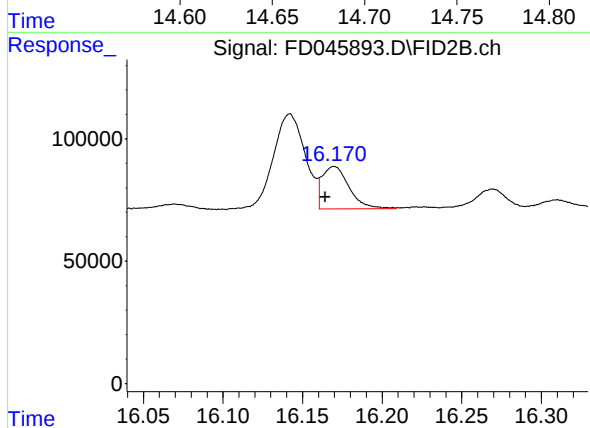
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 444481
Conc: 2.84 ug/ml



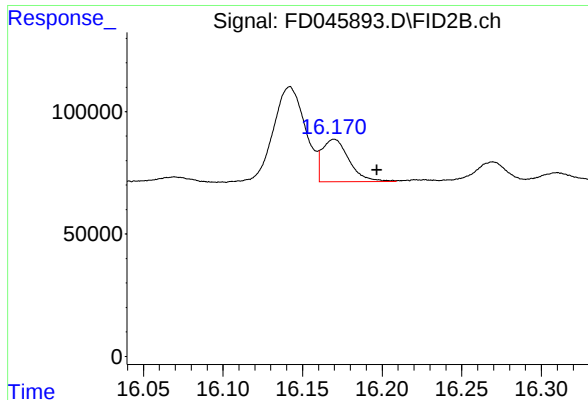
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: 0.026 min
Response: 47617
Conc: 0.29 ug/ml



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

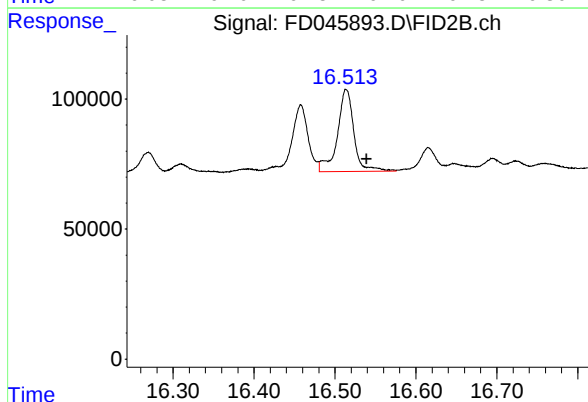
R.T.: 16.170 min
Delta R.T.: 0.005 min
Response: 205987
Conc: 1.36 ug/ml



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

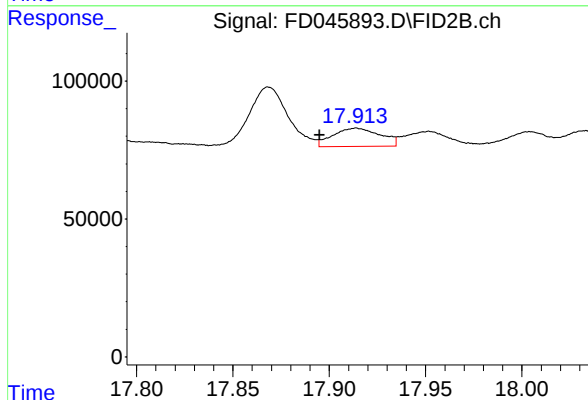
R.T.: 16.170 min
Delta R.T.: -0.027 min
Response: 205987
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



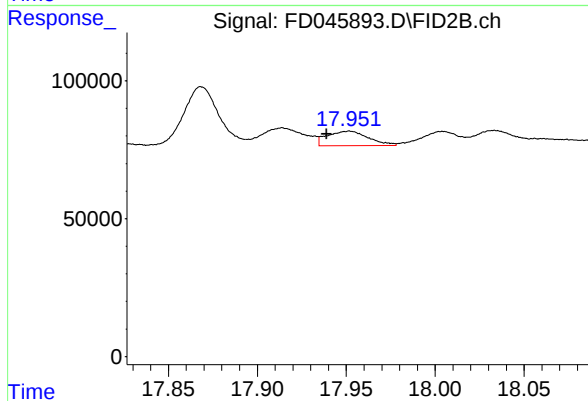
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: -0.025 min
Response: 447342
Conc: 3.06 ug/ml



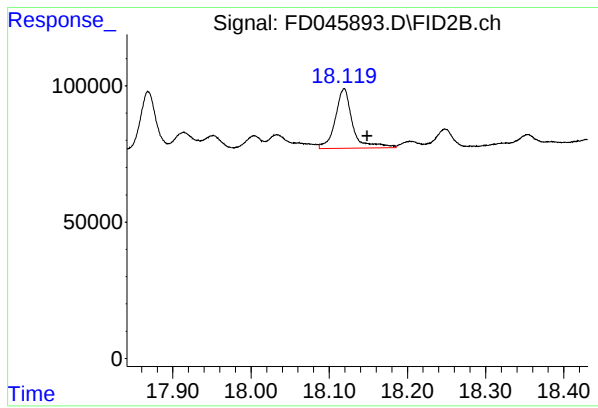
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 113330
Conc: 0.77 ug/ml



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

R.T.: 17.951 min
Delta R.T.: 0.012 min
Response: 85545
Conc: 0.57 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.030 min
Response: 333896
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :