

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043079.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 06:13
 Operator : YP/AJ
 Sample : N3494-34
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 08:22:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.637	7122005	46.124 ug/ml
Spiked Amount 50.000		Recovery =	92.25%
6) S 2-Fluorobiphenyl (SURR)	8.502	4867233	46.146 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.29%
11) S ortho-Terphenyl (SURR)	11.545	5054760	27.812 ug/ml
Spiked Amount 50.000		Recovery =	55.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	87451	0.521 ug/ml
2) T Naphthalene (C11.7)	5.971	132097	0.755 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	140409	0.873 ug/ml
5) T Acenaphthylene (C15.06)	8.304	175103	0.985 ug/ml
7) T Acenaphthene (C15.5)	8.658f	414936	2.370 ug/ml
9) T Phenanthrene (C19.36)	10.776	158937	0.927 ug/ml
10) T Anthracene (C19.43)	10.850	48214	0.284 ug/ml
12) T Fluoranthene (C21.85)	12.588	260318	1.552 ug/ml
13) T Pyrene (C20.8)	12.886	315022	1.933 ug/ml
14) T Benzo[a]anthracene (C...	14.758	248746	1.602 ug/ml
15) T Chrysene (C27.41)	14.799	410384	2.600 ug/ml
16) T benzo[b]fluoranthene ...	16.311	528595	3.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.311	528595	3.612 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.688	428966	2.999 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	382469	3.056 ug/ml
20) T Dibenz[a,h]anthracene...	18.097	259060	1.927 ug/ml
21) T Benzo[g,h,i]perylene ...	18.305	503873	3.863 ug/ml

(f)=RT Delta > 1/2 Window

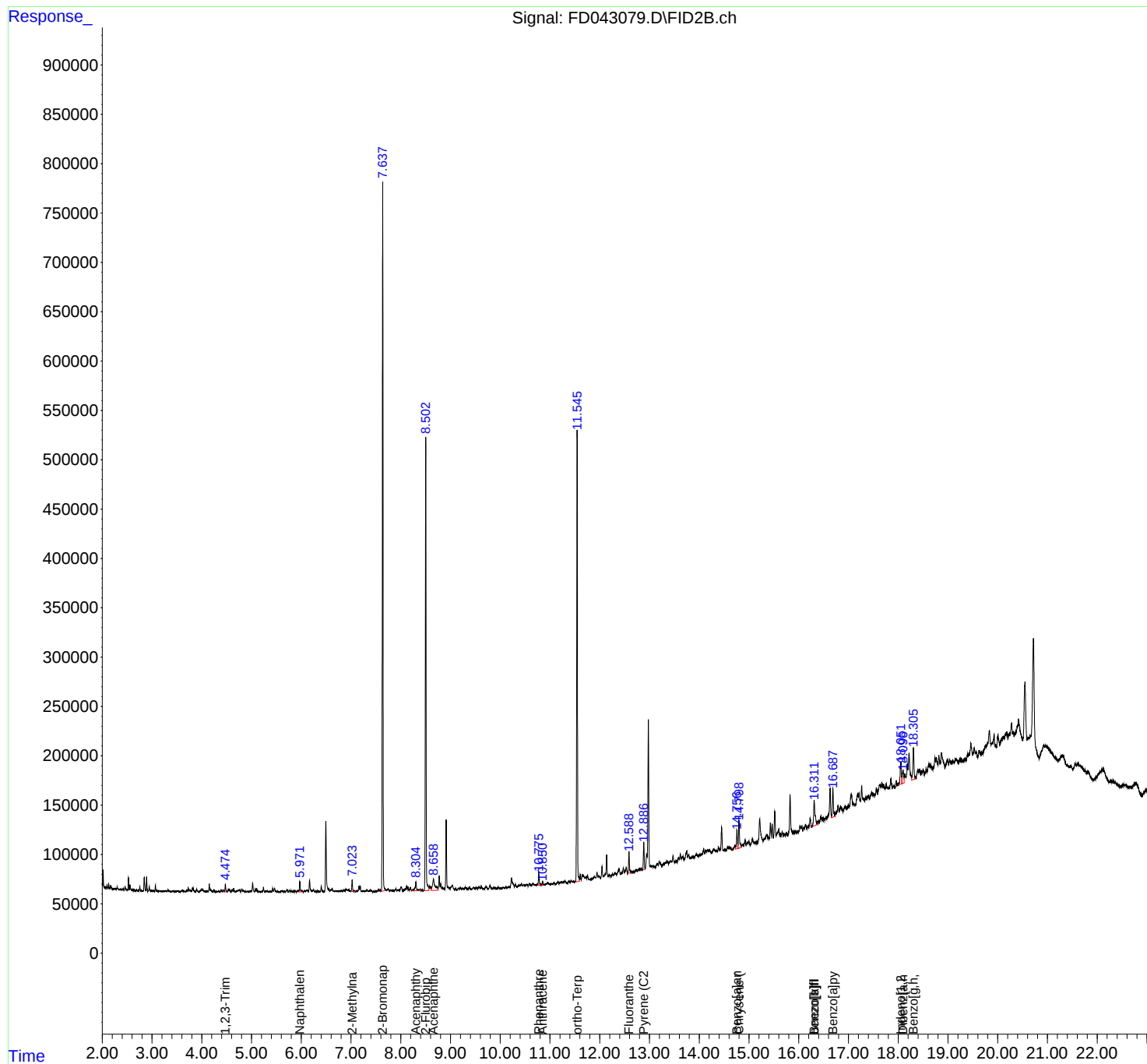
(m)=manual int.

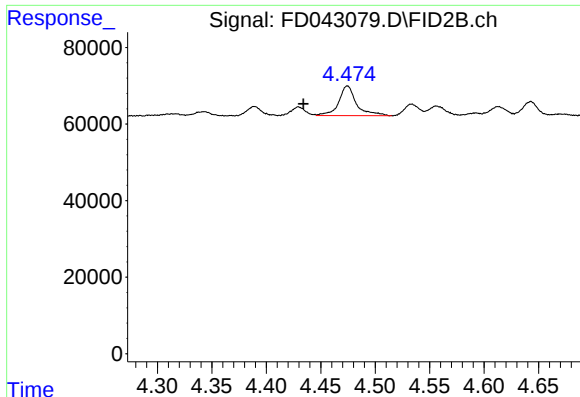
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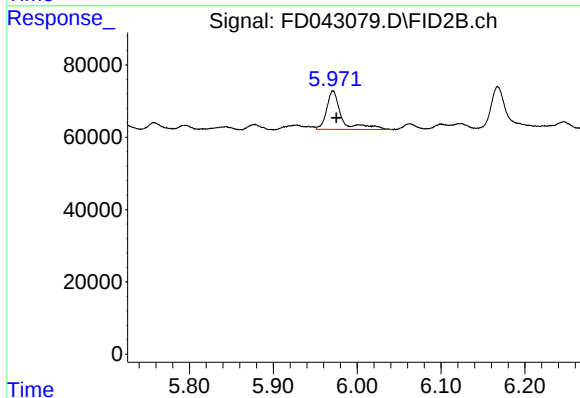




#1 1,2,3-Trimethylbenzene (C10.1)

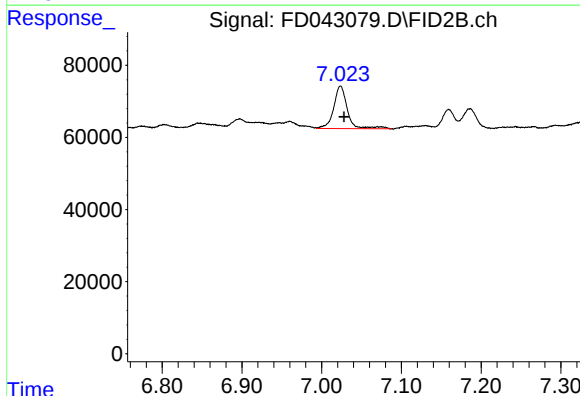
R.T.: 4.474 min
Delta R.T.: 0.040 min
Response: 87451
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



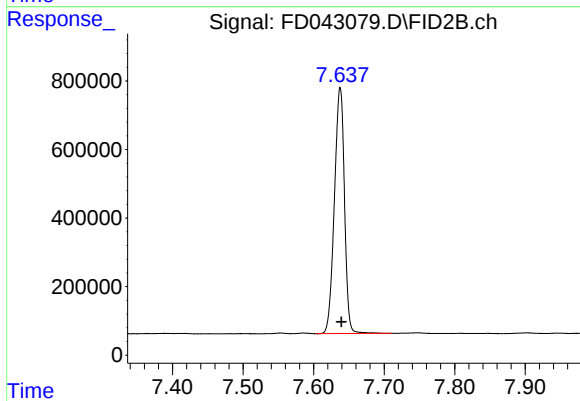
#2 Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 132097
Conc: 0.75 ug/ml



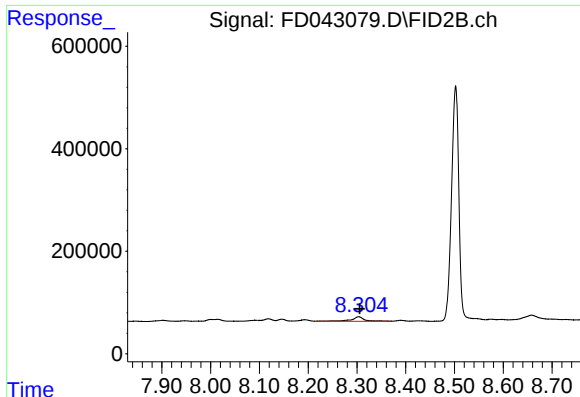
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 140409
Conc: 0.87 ug/ml



#4 2-Bromonaphthalene (SURR)

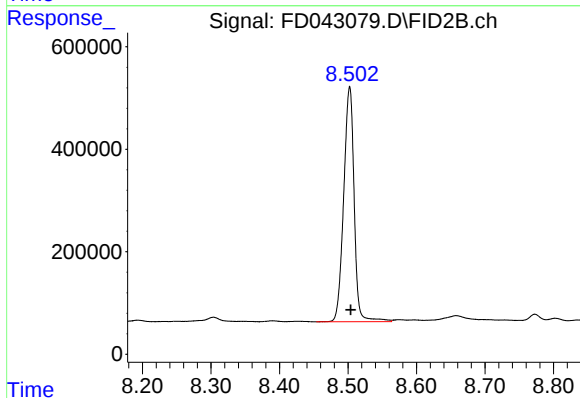
R.T.: 7.637 min
Delta R.T.: -0.002 min
Response: 7122005
Conc: 46.12 ug/ml



#5 Acenaphthylene (C15.06)

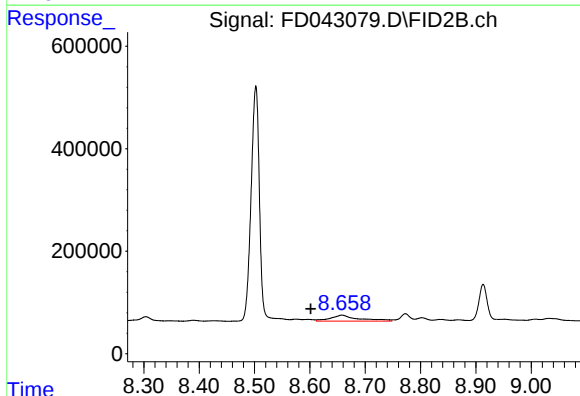
R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 175103
Conc: 0.99 ug/ml

Instrument :
FID_D
ClientSampleId :



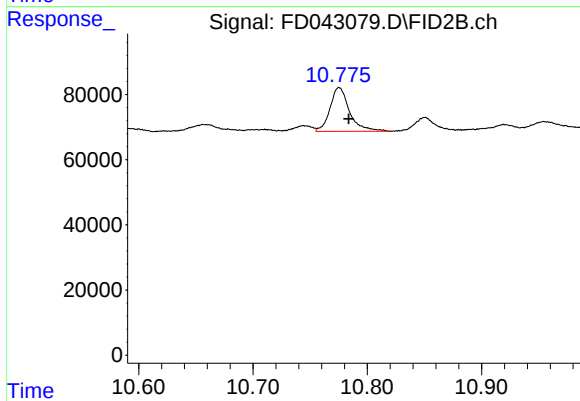
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 4867233
Conc: 46.15 ug/ml



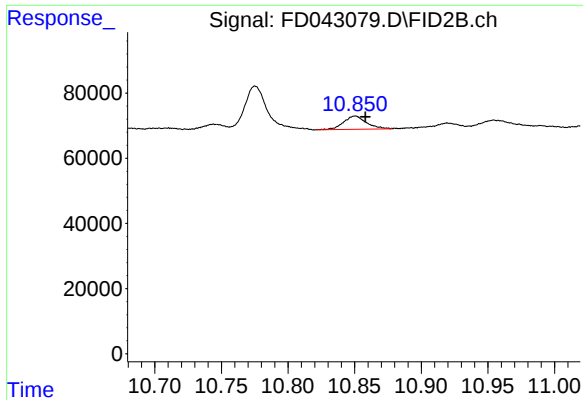
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: 0.056 min
Response: 414936
Conc: 2.37 ug/ml



#9 Phenanthrene (C19.36)

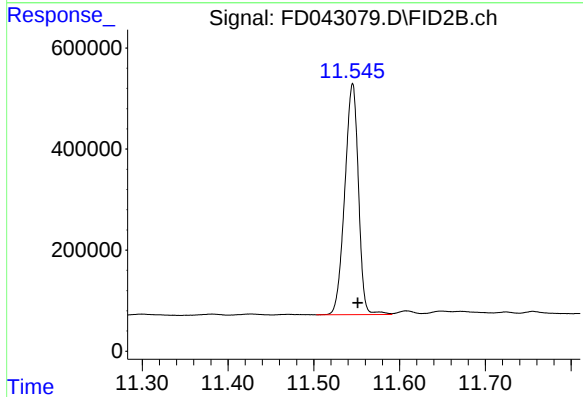
R.T.: 10.776 min
Delta R.T.: -0.008 min
Response: 158937
Conc: 0.93 ug/ml



#10 Anthracene (C19.43)

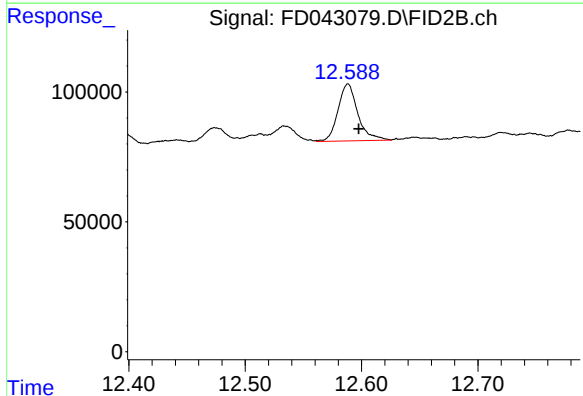
R.T.: 10.850 min
Delta R.T.: -0.008 min
Response: 48214
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



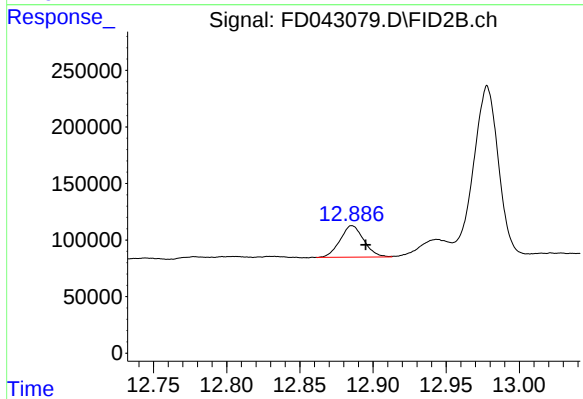
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.006 min
Response: 5054760
Conc: 27.81 ug/ml



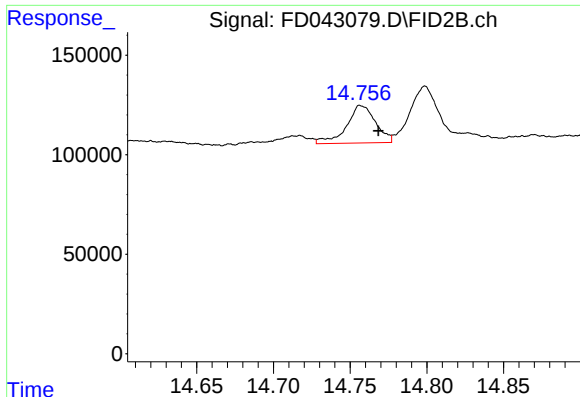
#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: -0.009 min
Response: 260318
Conc: 1.55 ug/ml



#13 Pyrene (C20.8)

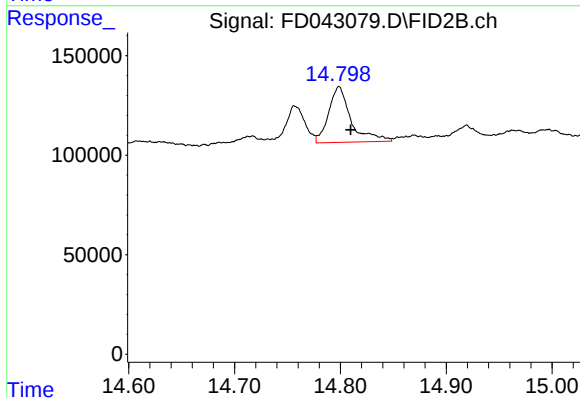
R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 315022
Conc: 1.93 ug/ml



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

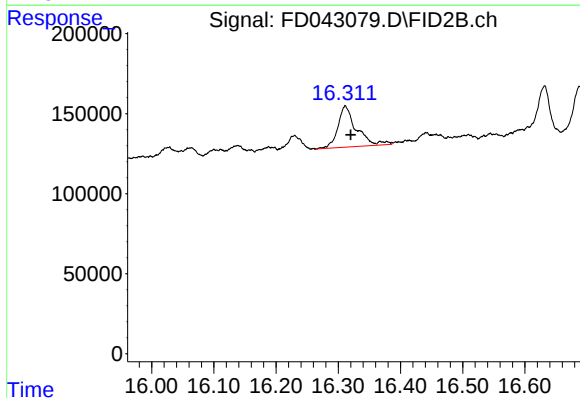
R.T.: 14.758 min
Delta R.T.: -0.011 min
Response: 248746
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



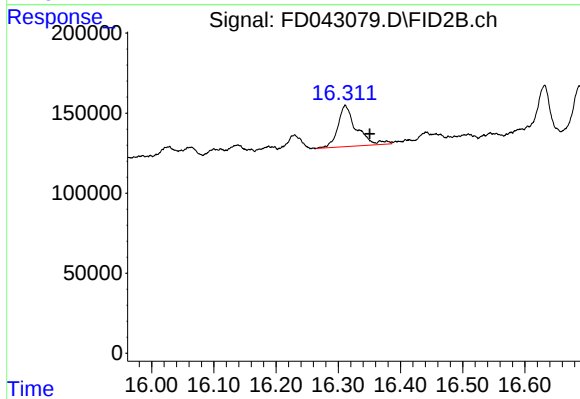
#15 Chrysene (C27.41)

R.T.: 14.799 min
Delta R.T.: -0.011 min
Response: 410384
Conc: 2.60 ug/ml



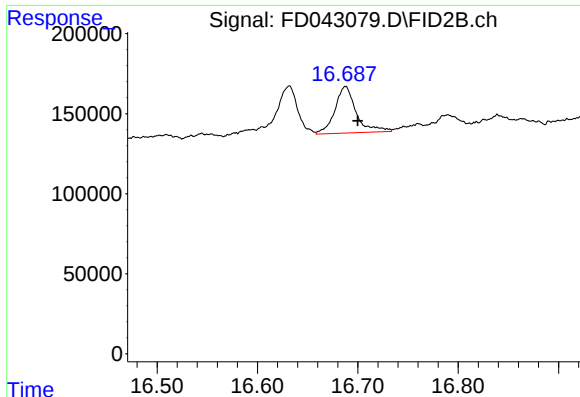
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.311 min
Delta R.T.: -0.008 min
Response: 528595
Conc: 3.47 ug/ml



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

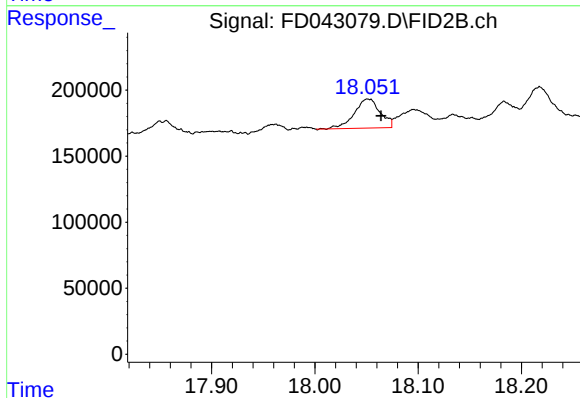
R.T.: 16.311 min
Delta R.T.: -0.039 min
Response: 528595
Conc: 3.61 ug/ml



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

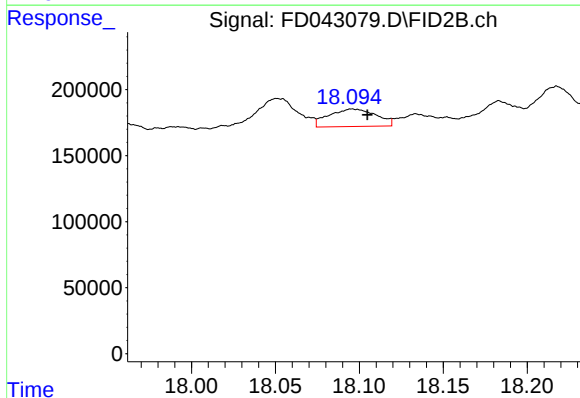
R.T.: 16.688 min
Delta R.T.: -0.012 min
Response: 428966
Conc: 3.00 ug/ml

Instrument :
FID_D
ClientSampleId :



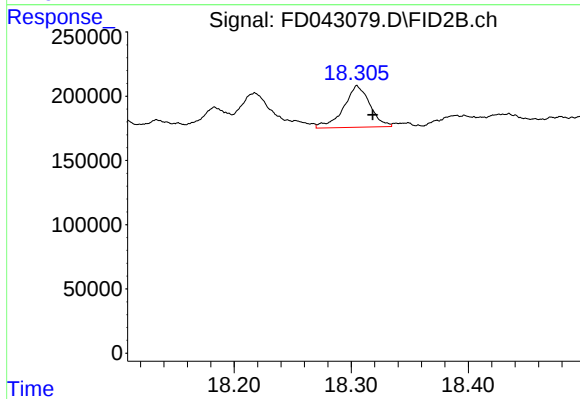
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: -0.013 min
Response: 382469
Conc: 3.06 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 259060
Conc: 1.93 ug/ml



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

R.T.: 18.305 min
Delta R.T.: -0.013 min
Response: 503873
Conc: 3.86 ug/ml