

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090122AR\
 Data File : FD043794.D
 Signal(s) : FID2B.ch
 Acq On : 01 Sep 2022 14:33
 Operator : YP/AJ
 Sample : N3980-09
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 02 01:43:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.439	7356175	42.575 ug/ml
Spiked Amount 50.000		Recovery =	85.15%
6) S 2-Fluorobiphenyl (SURR)	8.291	4602386	45.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.50%
11) S ortho-Terphenyl (SURR)	11.328	7934829	37.927 ug/ml
Spiked Amount 50.000		Recovery =	75.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.254	261586	1.314 ug/ml
2) T Naphthalene (C11.7)	5.802	218908	1.089 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	233536	1.294 ug/ml
5) T Acenaphthylene (C15.06)	8.107	318554	1.594 ug/ml
7) T Acenaphthene (C15.5)	8.393	630717	2.934 ug/ml
8) T Fluorene (C16.55)	9.191	282595	1.474 ug/ml
9) T Phenanthrene (C19.36)	10.581	267163	1.486 ug/ml
10) T Anthracene (C19.43)	10.663	325985	1.676 ug/ml
12) T Fluoranthene (C21.85)	12.382	136846	0.750 ug/ml
13) T Pyrene (C20.8)	12.672	274039	1.468 ug/ml
14) T Benzo[a]anthracene (C...	14.551	149590	1.045 ug/ml
15) T Chrysene (C27.41)	14.585	375999	1.948 ug/ml
16) T benzo[b]fluoranthene ...	16.090	210146	1.456 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	312388	1.816 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	163997	1.129 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	218637	2.114 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	295628	2.101 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	283376	2.226 ug/ml

(f)=RT Delta > 1/2 Window

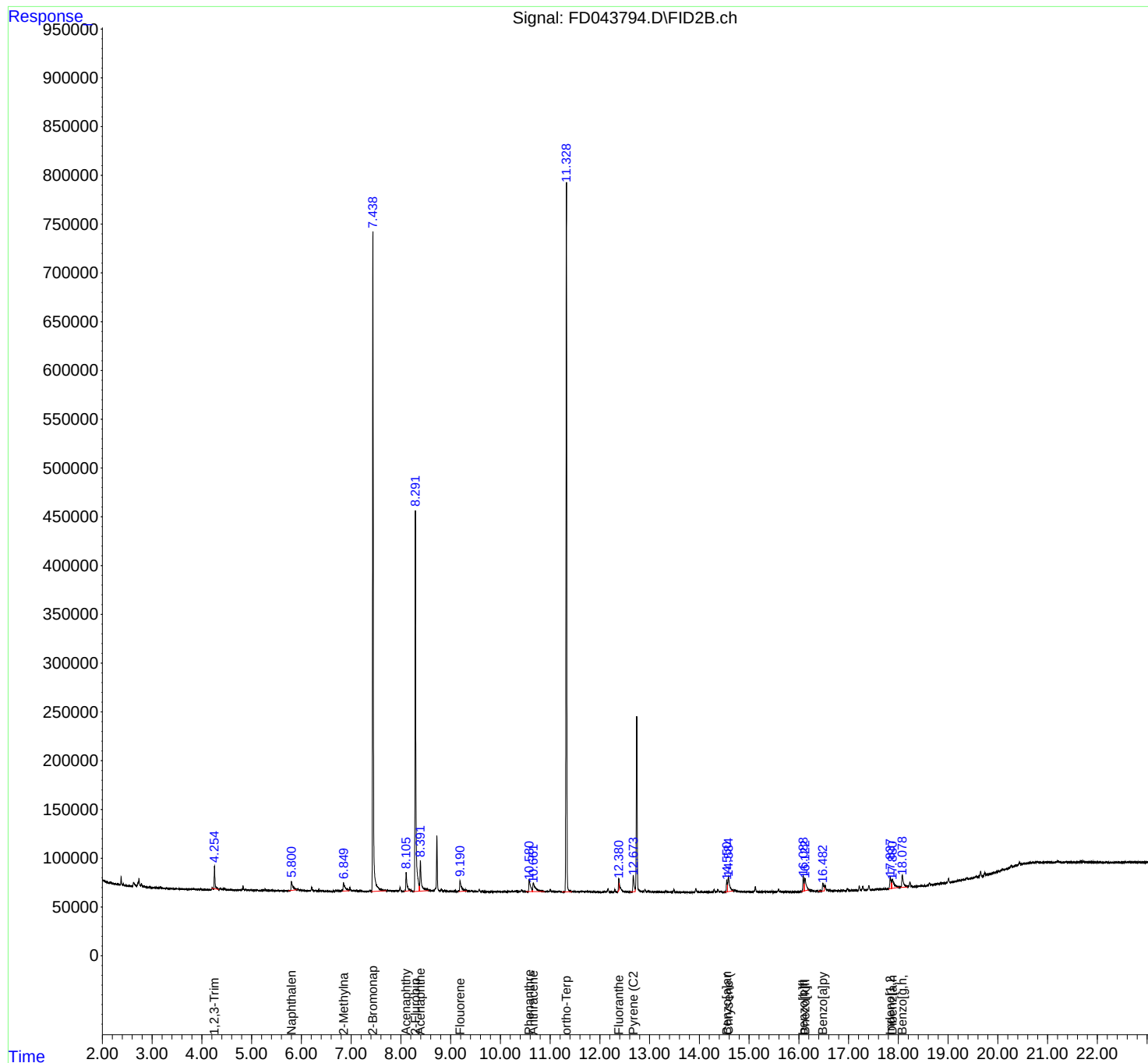
(m)=manual int.

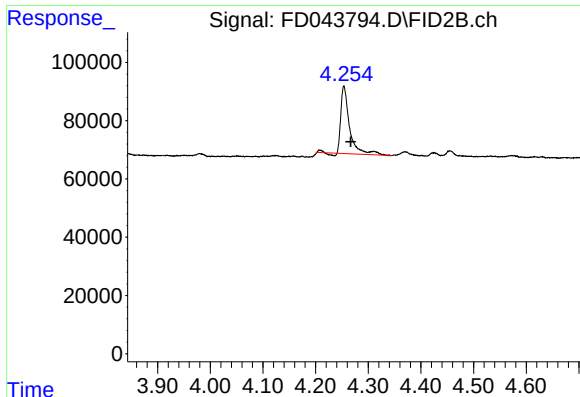
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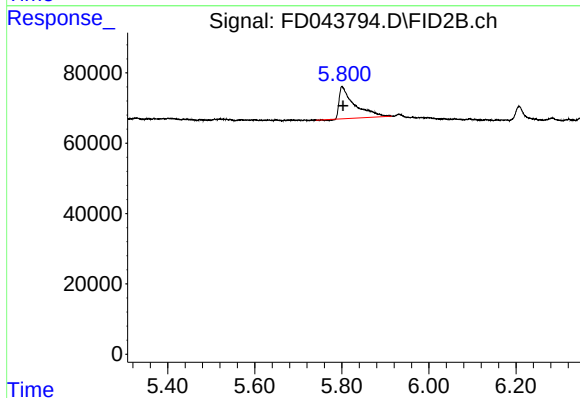




#1 1,2,3-Trimethylbenzene (C10.1)

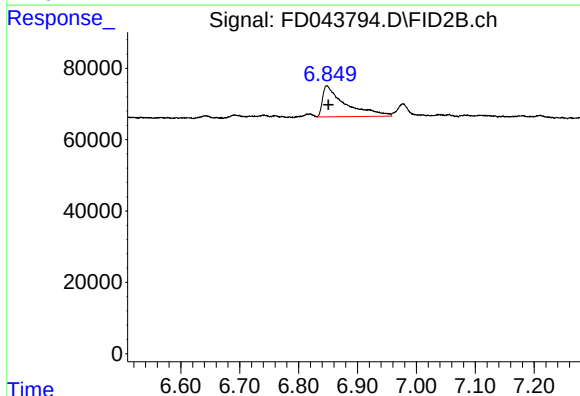
R.T.: 4.254 min
Delta R.T.: -0.013 min
Response: 261586
Conc: 1.31 ug/ml

Instrument :
FID_D
ClientSampleId :



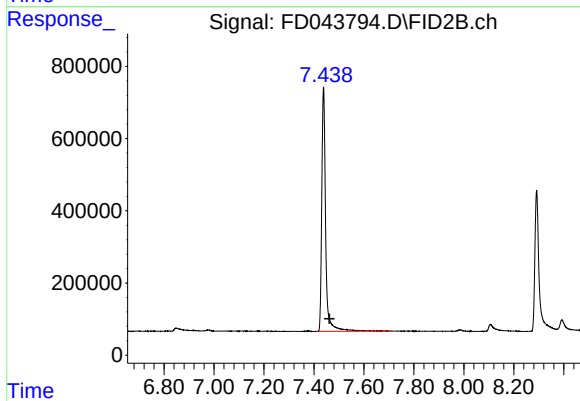
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 218908
Conc: 1.09 ug/ml



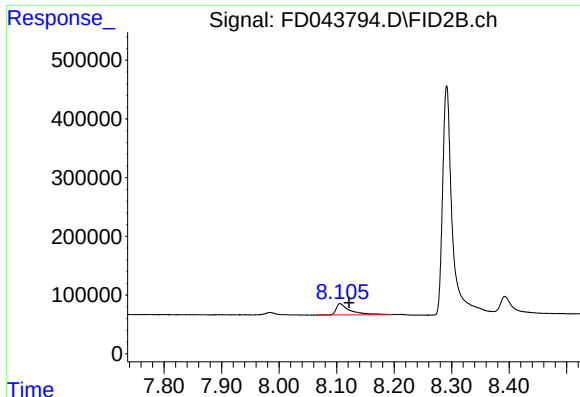
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 233536
Conc: 1.29 ug/ml



#4 2-Bromonaphthalene (SURR)

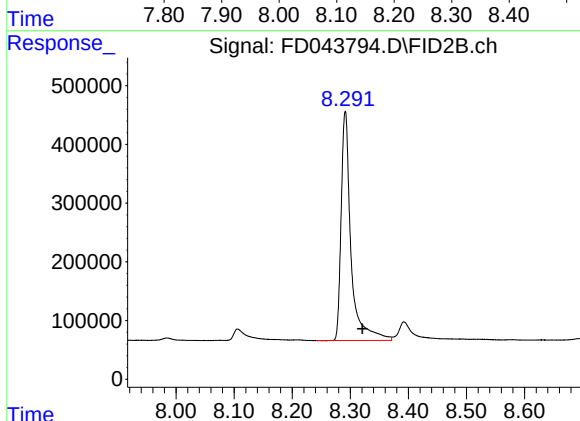
R.T.: 7.439 min
Delta R.T.: -0.024 min
Response: 7356175
Conc: 42.58 ug/ml



#5 Acenaphthylene (C15.06)

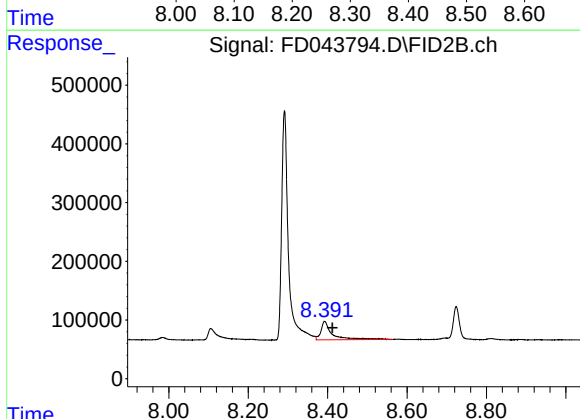
R.T.: 8.107 min
Delta R.T.: -0.014 min
Response: 318554
Conc: 1.59 ug/ml

Instrument :
FID_D
ClientSampleId :



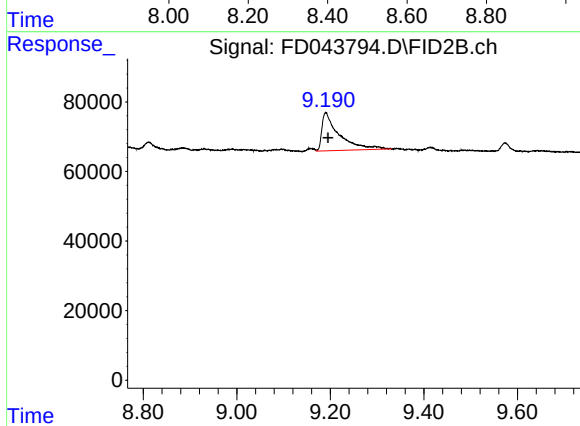
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: -0.030 min
Response: 4602386
Conc: 45.75 ug/ml



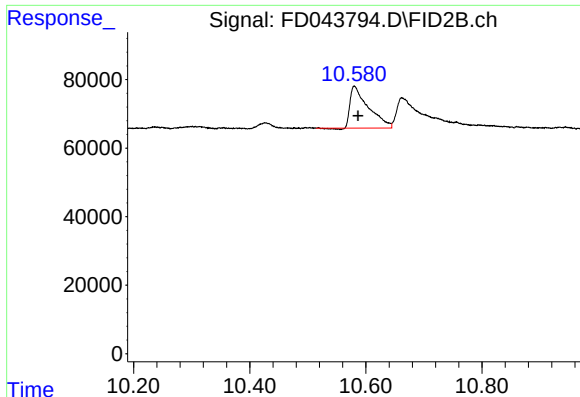
#7 Acenaphthene (C15.5)

R.T.: 8.393 min
Delta R.T.: -0.020 min
Response: 630717
Conc: 2.93 ug/ml



#8 Flouorene (C16.55)

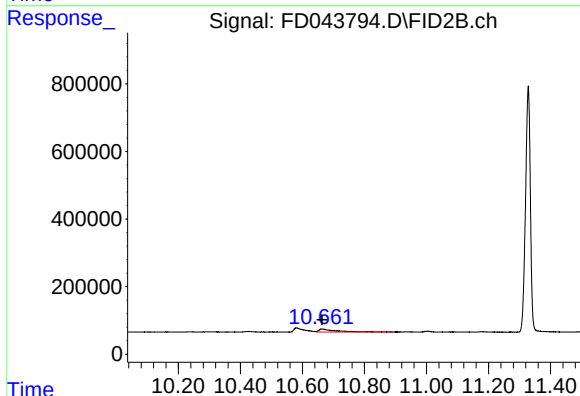
R.T.: 9.191 min
Delta R.T.: -0.004 min
Response: 282595
Conc: 1.47 ug/ml



#9 Phenanthrene (C19.36)

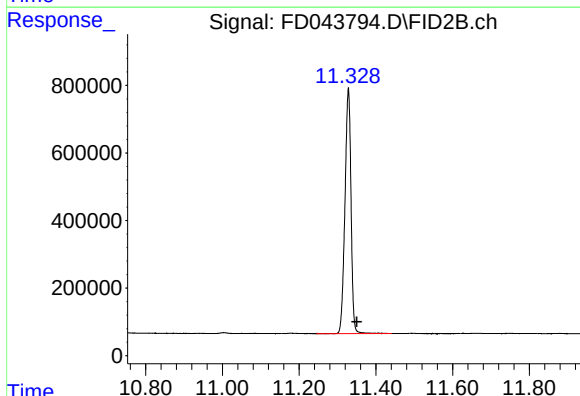
R.T.: 10.581 min
Delta R.T.: -0.006 min
Response: 267163
Conc: 1.49 ug/ml

Instrument :
FID_D
ClientSampleId :



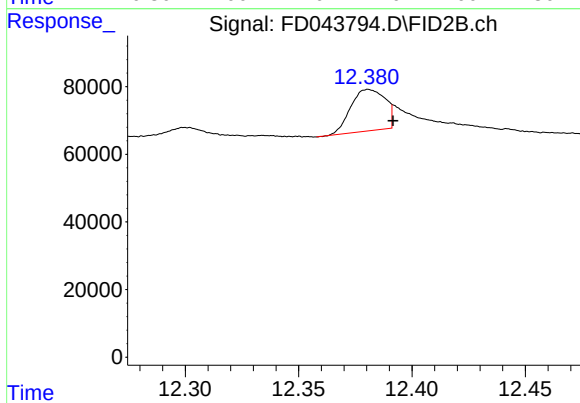
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: 0.000 min
Response: 325985
Conc: 1.68 ug/ml



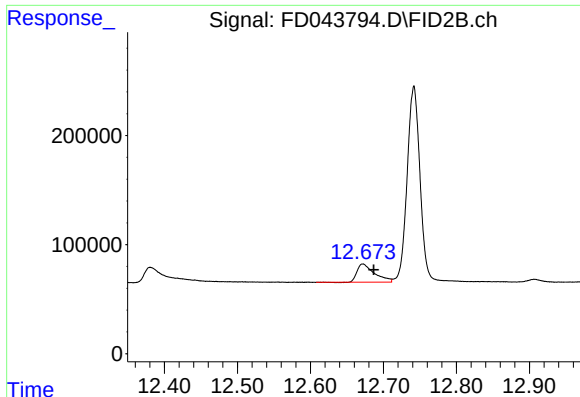
#11 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: -0.022 min
Response: 7934829
Conc: 37.93 ug/ml



#12 Fluoranthene (C21.85)

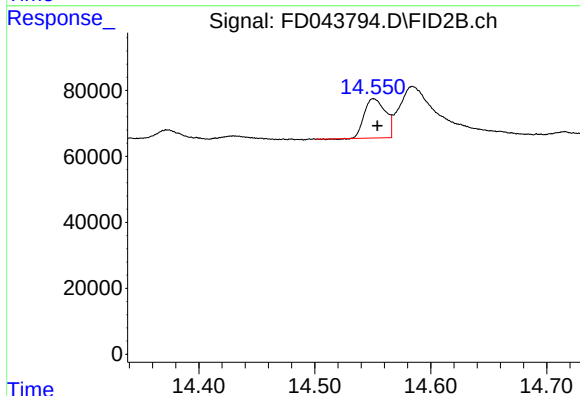
R.T.: 12.382 min
Delta R.T.: -0.010 min
Response: 136846
Conc: 0.75 ug/ml



#13 Pyrene (C20.8)

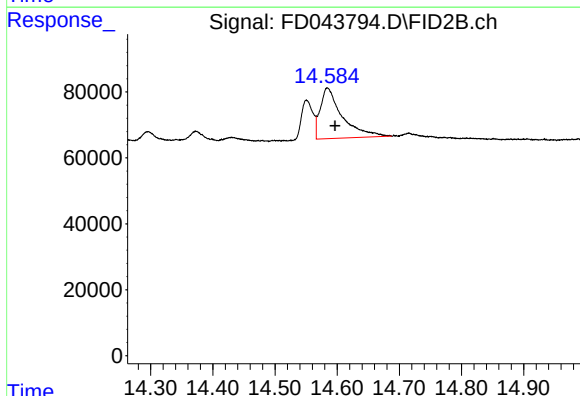
R.T.: 12.672 min
Delta R.T.: -0.014 min
Response: 274039
Conc: 1.47 ug/ml

Instrument :
FID_D
ClientSampleId :



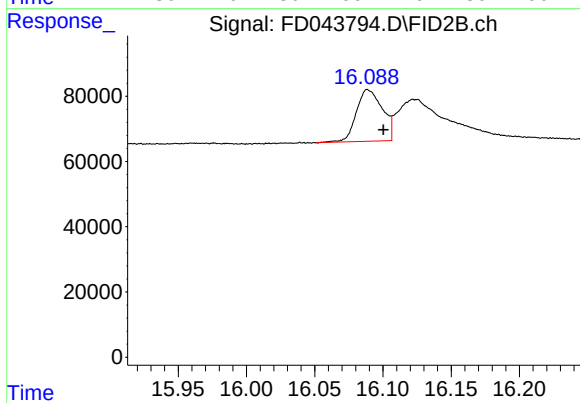
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: -0.003 min
Response: 149590
Conc: 1.05 ug/ml



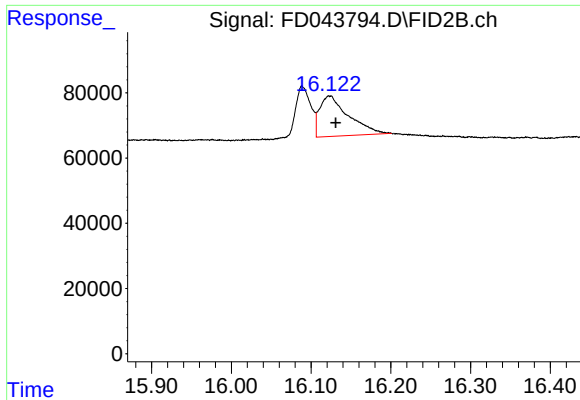
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: -0.012 min
Response: 375999
Conc: 1.95 ug/ml



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

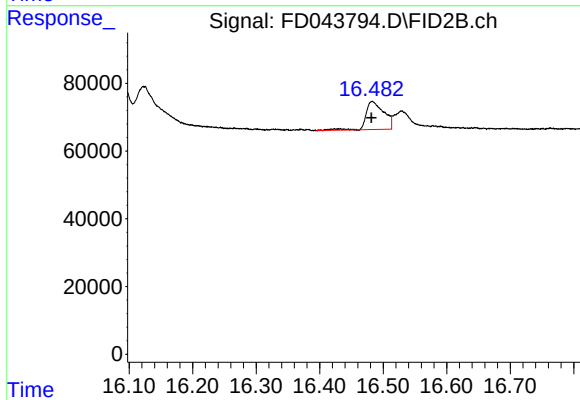
R.T.: 16.090 min
Delta R.T.: -0.011 min
Response: 210146
Conc: 1.46 ug/ml



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

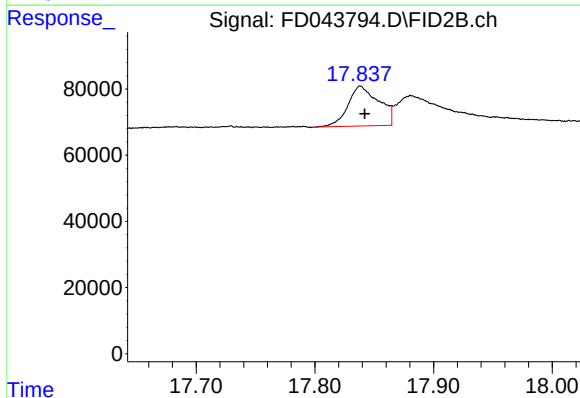
R.T.: 16.123 min
Delta R.T.: -0.008 min
Response: 312388
Conc: 1.82 ug/ml

Instrument :
FID_D
ClientSampleId :



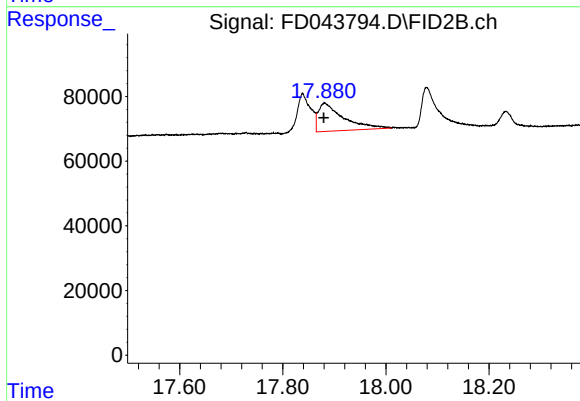
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.002 min
Response: 163997
Conc: 1.13 ug/ml



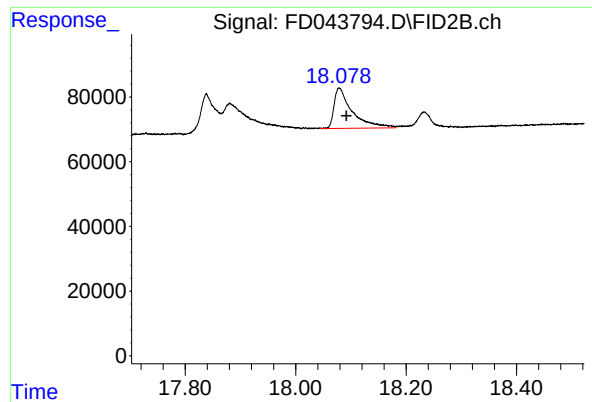
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.003 min
Response: 218637
Conc: 2.11 ug/ml



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

R.T.: 17.881 min
Delta R.T.: 0.002 min
Response: 295628
Conc: 2.10 ug/ml



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

R.T.: 18.079 min
Delta R.T.: -0.013 min
Response: 283376
Conc: 2.23 ug/ml

Instrument :

FID_D

ClientSampleId :