

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045518.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 14:58
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 03:36:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 22 03:36:40 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...	7.552	14047781	100.072 ug/ml
Spiked Amount 50.000		Recovery =	200.14%
6) S 2-Fluorobiphenyl (SURR)	8.409	9244759	100.922 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.84%#
11) S ortho-Terphenyl (SURR)	11.450	17351449	100.184 ug/ml
Spiked Amount 50.000		Recovery =	200.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	15788558	98.377 ug/ml
2) T Naphthalene (C11.7)	5.891	16400946	99.359 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	16298300	99.569 ug/ml
5) T Acenaphthylene (C15.06)	8.213	14765074	100.375 ug/ml
7) T Acenaphthene (C15.5)	8.512	15832828	100.349 ug/ml
8) T Fluorene (C16.55)	9.289	15245063	100.853 ug/ml
9) T Phenanthrene (C19.36)	10.680	14690099	100.970 ug/ml
10) T Anthracene (C19.43)	10.755	11819337	96.945 ug/ml
12) T Fluoranthene (C21.85)	12.488	14400220	100.635 ug/ml
13) T Pyrene (C20.8)	12.783	14082879	100.767 ug/ml
14) T Benzo[a]anthracene (C...	14.646	12718940	99.986 ug/ml
15) T Chrysene (C27.41)	14.694	13275925	100.389 ug/ml
16) T benzo[b]fluoranthene ...	16.192	13096103	100.296 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	13096103	101.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	12379701	99.432 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.927	11349690	96.198 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	11349690	95.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	12050466	96.809 ug/ml

(f)=RT Delta > 1/2 Window

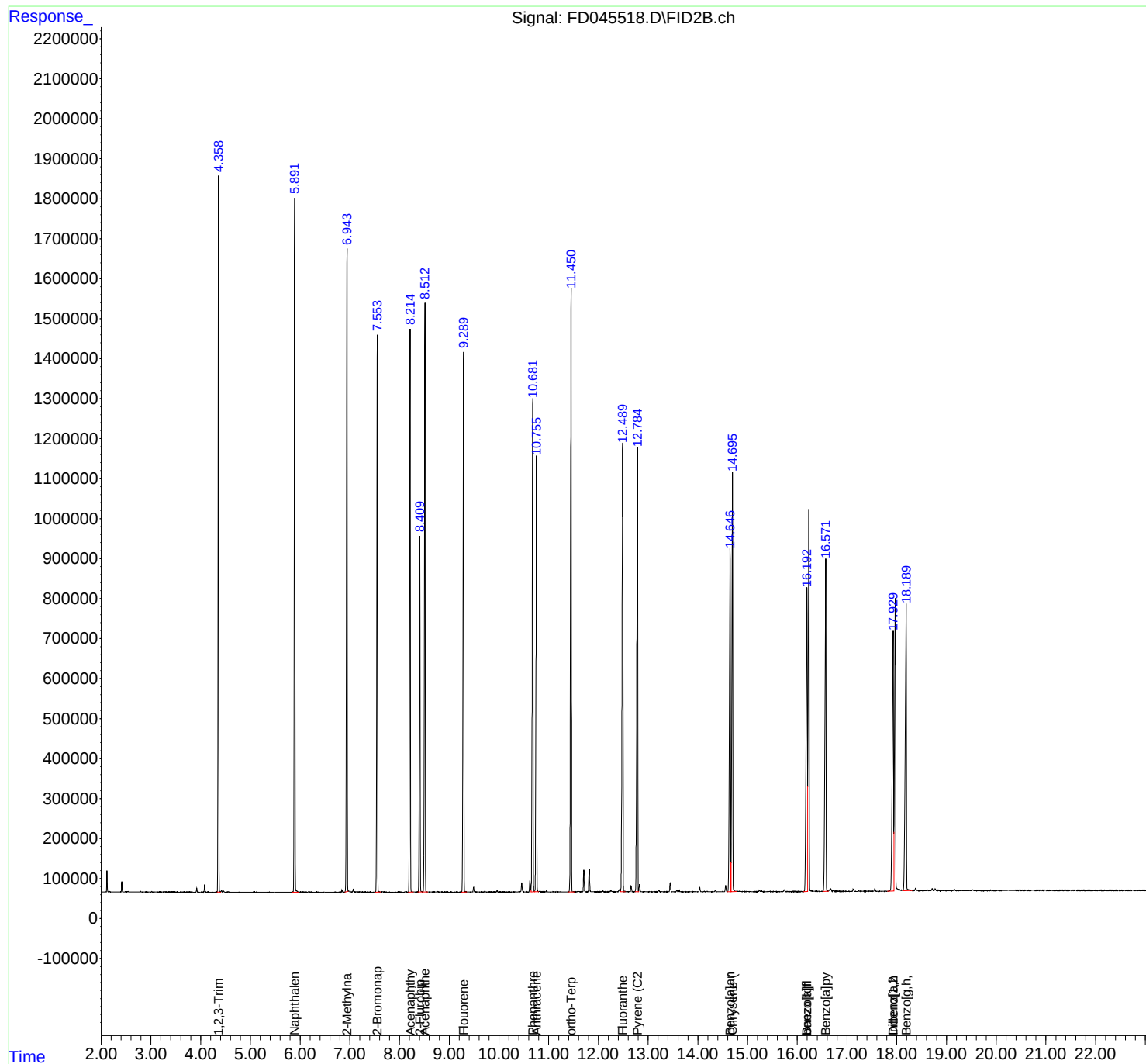
(m)=manual int.

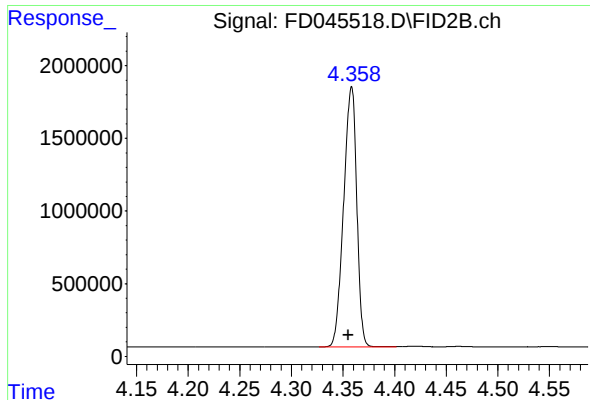
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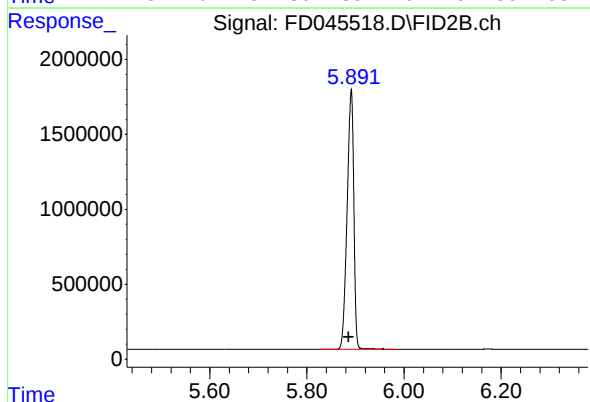




#1 1,2,3-Trimethylbenzene (C10.1)

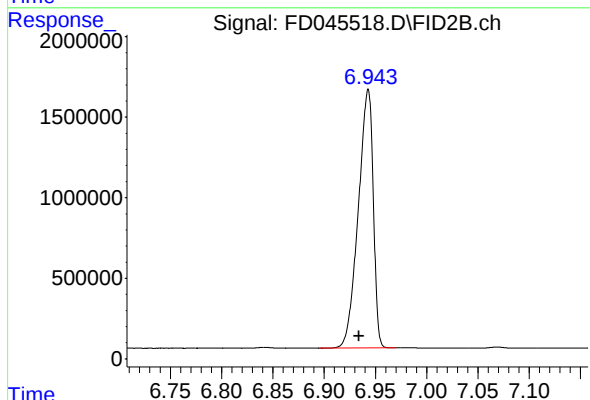
R.T.: 4.358 min
Delta R.T.: 0.003 min
Response: 15788558
Conc: 98.38 ug/ml

Instrument :
FID_D
ClientSampleId :



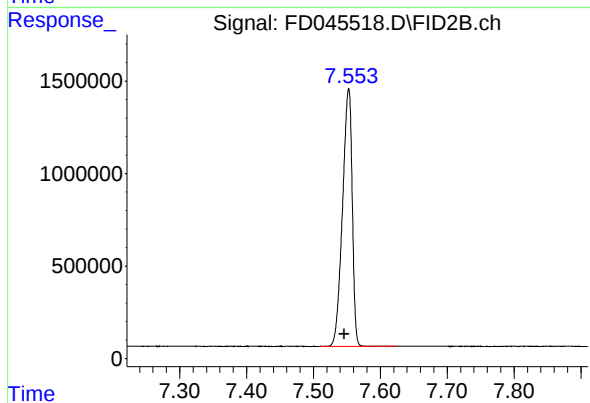
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.005 min
Response: 16400946
Conc: 99.36 ug/ml



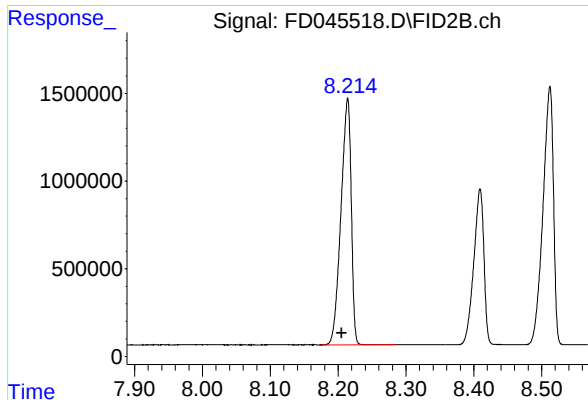
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: 0.008 min
Response: 16298300
Conc: 99.57 ug/ml



#4 2-Bromonaphthalene (SURR)

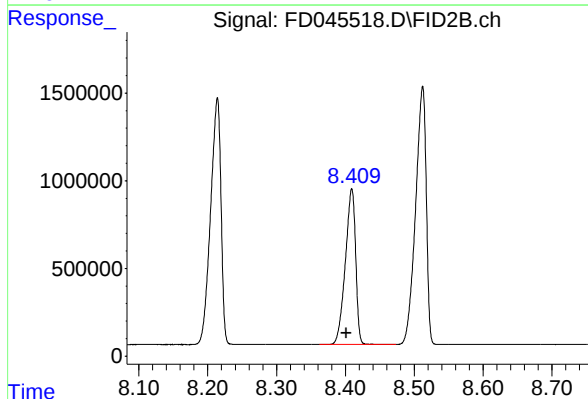
R.T.: 7.552 min
Delta R.T.: 0.006 min
Response: 14047781
Conc: 100.07 ug/ml



#5 Acenaphthylene (C15.06)

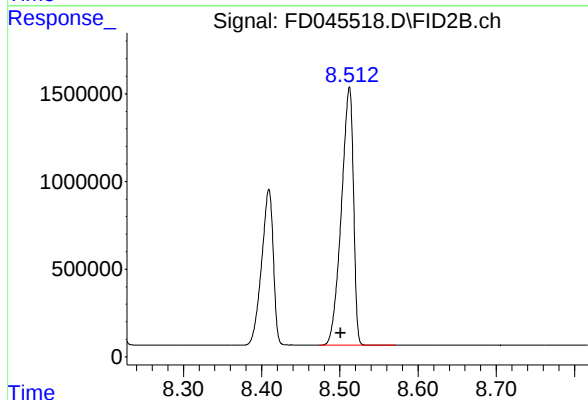
R.T.: 8.213 min
Delta R.T.: 0.008 min
Response: 14765074
Conc: 100.37 ug/ml

Instrument :
FID_D
ClientSampleId :



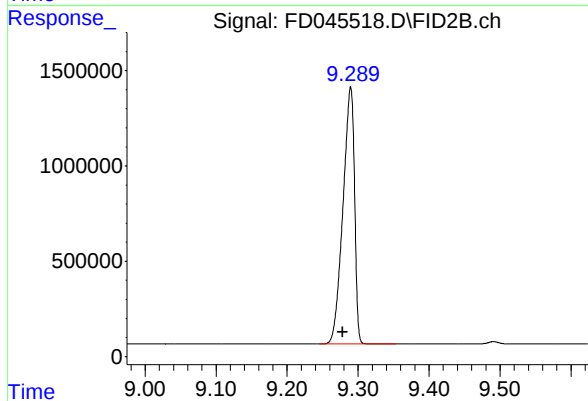
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: 0.007 min
Response: 9244759
Conc: 100.92 ug/ml



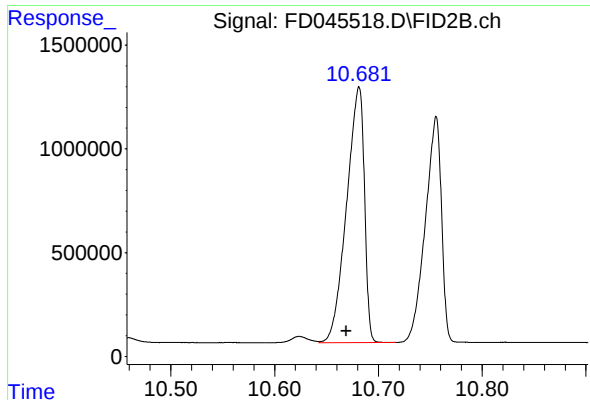
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: 0.011 min
Response: 15832828
Conc: 100.35 ug/ml



#8 Flouorene (C16.55)

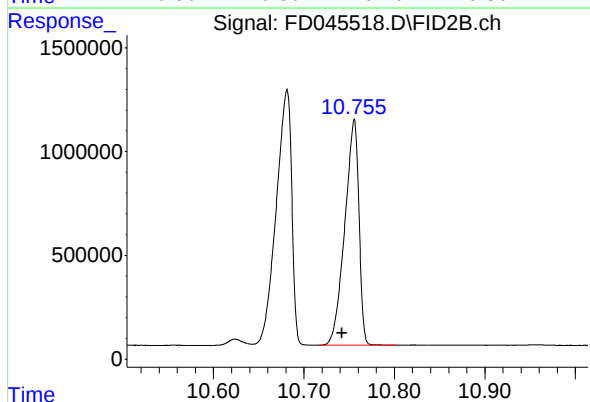
R.T.: 9.289 min
Delta R.T.: 0.011 min
Response: 15245063
Conc: 100.85 ug/ml



#9 Phenanthrene (C19.36)

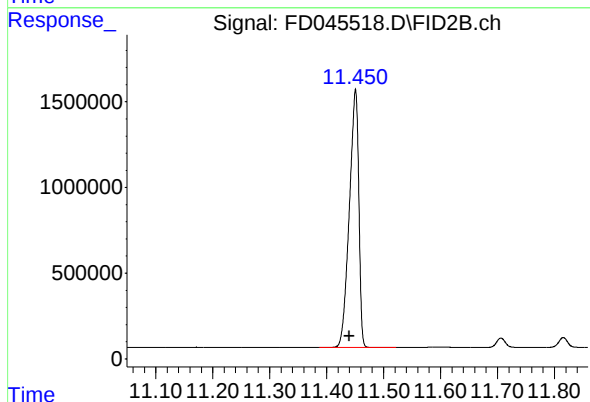
R.T.: 10.680 min
Delta R.T.: 0.011 min
Response: 14690099
Conc: 100.97 ug/ml

Instrument :
FID_D
ClientSampleId :



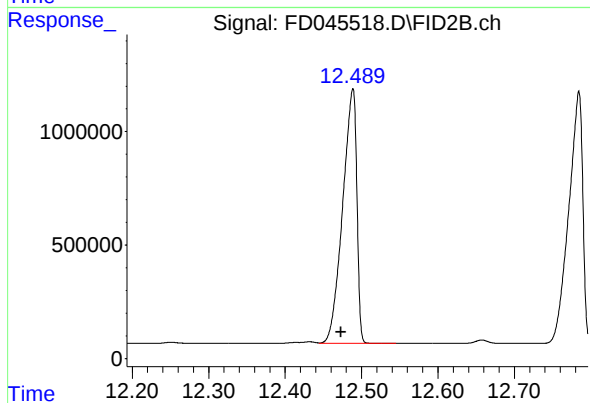
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: 0.013 min
Response: 11819337
Conc: 96.95 ug/ml



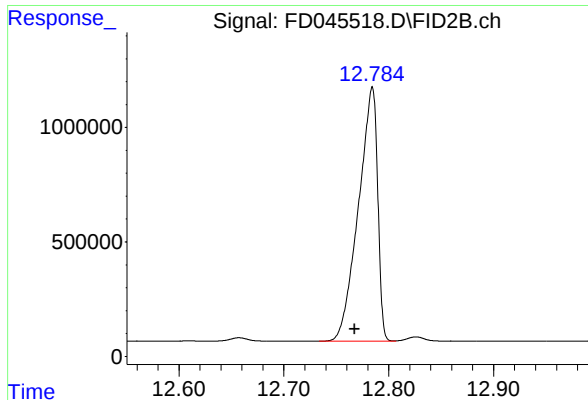
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.010 min
Response: 17351449
Conc: 100.18 ug/ml



#12 Fluoranthene (C21.85)

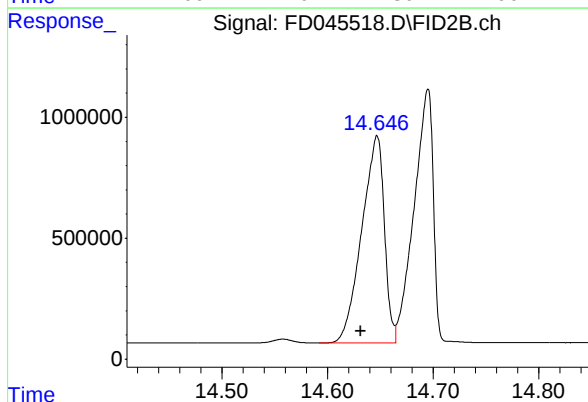
R.T.: 12.488 min
Delta R.T.: 0.015 min
Response: 14400220
Conc: 100.64 ug/ml



#13 Pyrene (C20.8)

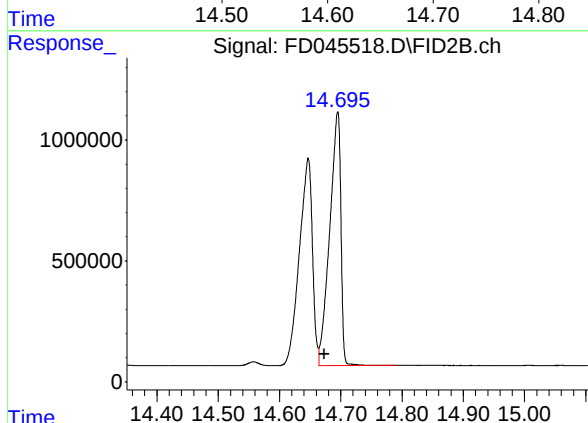
R.T.: 12.783 min
Delta R.T.: 0.016 min
Response: 14082879
Conc: 100.77 ug/ml

Instrument :
FID_D
ClientSampleId :



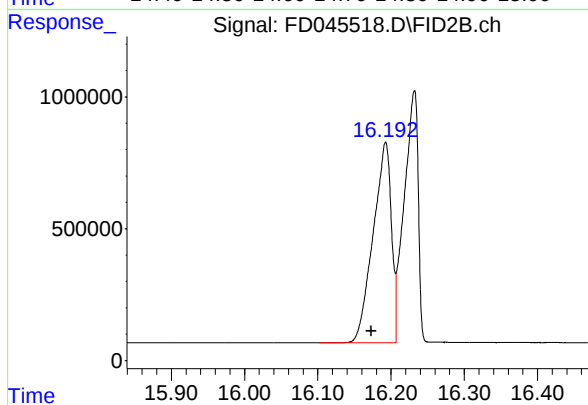
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: 0.015 min
Response: 12718940
Conc: 99.99 ug/ml



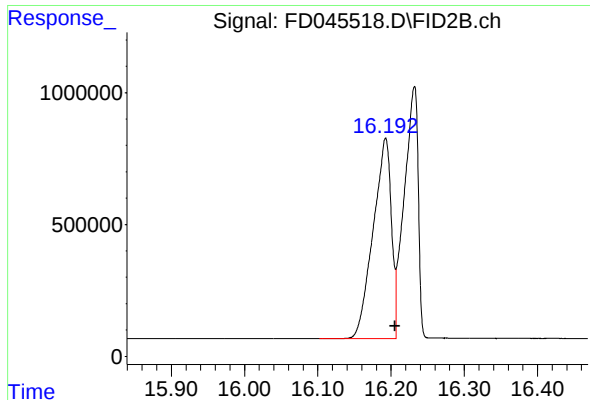
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: 0.021 min
Response: 13275925
Conc: 100.39 ug/ml



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

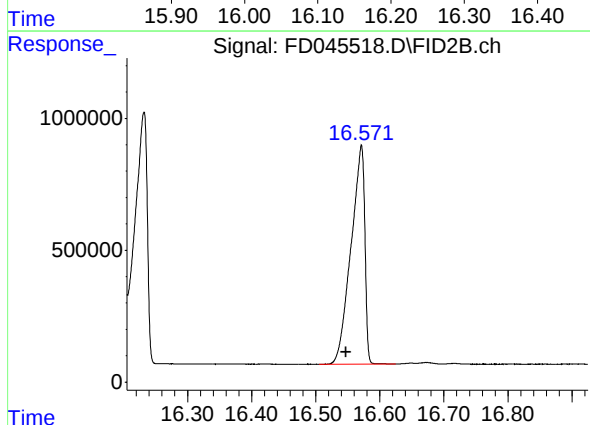
R.T.: 16.192 min
Delta R.T.: 0.019 min
Response: 13096103
Conc: 100.30 ug/ml



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

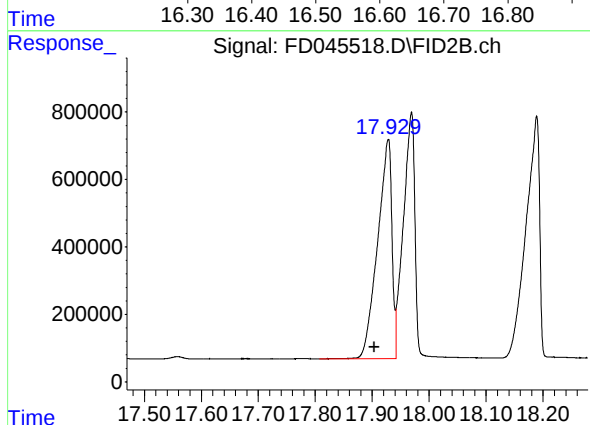
R.T.: 16.192 min
Delta R.T.: -0.013 min
Response: 13096103
Conc: 101.01 ug/ml

Instrument :
FID_D
ClientSampleId :



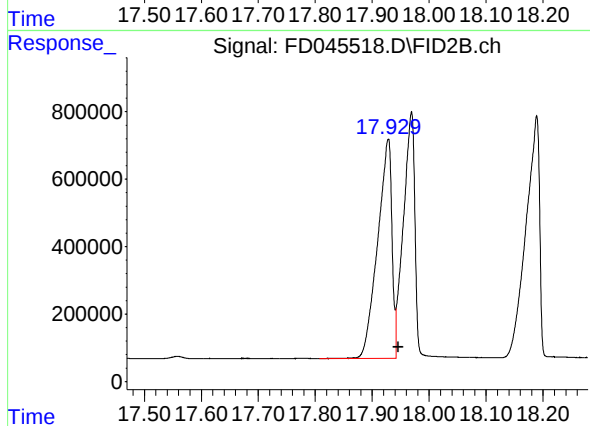
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: 0.023 min
Response: 12379701
Conc: 99.43 ug/ml



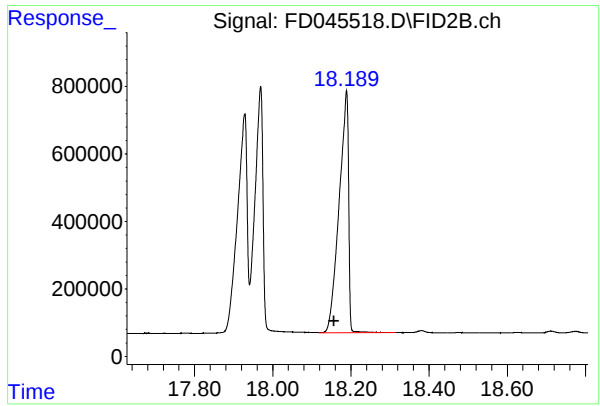
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.927 min
Delta R.T.: 0.024 min
Response: 11349690
Conc: 96.20 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.019 min
Response: 11349690
Conc: 95.08 ug/ml



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

R.T.: 18.188 min
Delta R.T.: 0.031 min
Response: 12050466
Conc: 96.81 ug/ml

Instrument :

FID_D

ClientSampleId :