

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045204.D
 Signal(s) : FID2B.ch
 Acq On : 02 Mar 2023 17:44
 Operator : YP/AJ
 Sample : PB151152BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 00:18:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.556	8588972	63.290 ug/ml
Spiked Amount 50.000		Recovery =	126.58%
6) S 2-Fluorobiphenyl (SURR)	8.413	5778883	64.543 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.09%
11) S ortho-Terphenyl (SURR)	11.453	8366026	50.260 ug/ml
Spiked Amount 50.000		Recovery =	100.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	5906387	38.999 ug/ml
2) T Naphthalene (C11.7)	5.893	7106337	44.983 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	7284908	45.841 ug/ml
5) T Acenaphthylene (C15.06)	8.216	7763727	54.145 ug/ml
7) T Acenaphthene (C15.5)	8.512	7814001	51.554 ug/ml
8) T Fluorene (C16.55)	9.291	7803999	53.005 ug/ml
9) T Phenanthrene (C19.36)	10.683	7741660	54.223 ug/ml
10) T Anthracene (C19.43)	10.758	7552058	53.894 ug/ml
12) T Fluoranthene (C21.85)	12.489	7697648	55.105 ug/ml
13) T Pyrene (C20.8)	12.785	7621163	55.965 ug/ml
14) T Benzo[a]anthracene (C...	14.650	7141890	56.026 ug/ml
15) T Chrysene (C27.41)	14.695	7121588	54.643 ug/ml
16) T benzo[b]fluoranthene ...	16.195	7145755	55.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.230	6746485	53.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.571	6331797	50.309 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.931	6726845	56.231 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	6177760	51.216 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	6592717	52.986 ug/ml

(f)=RT Delta > 1/2 Window

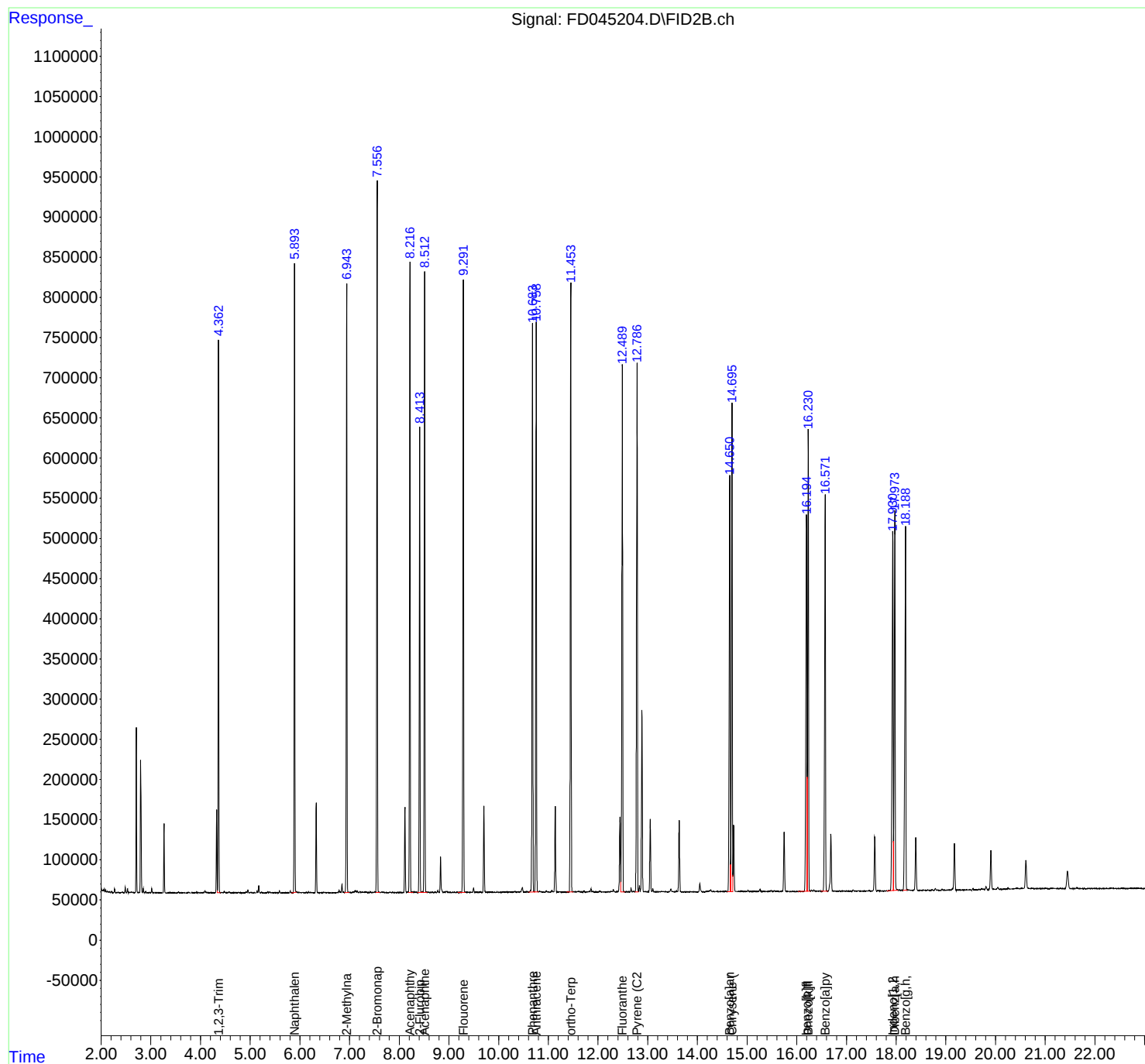
(m)=manual int.

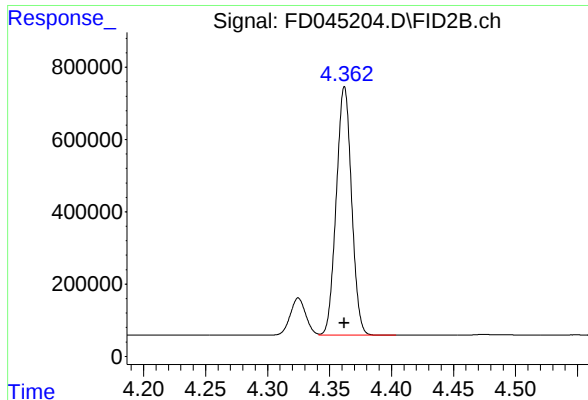
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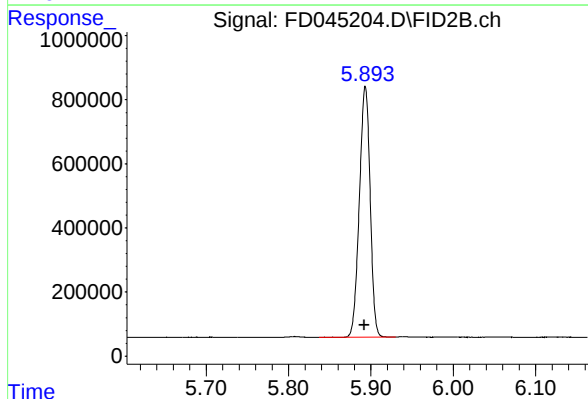




#1 1,2,3-Trimethylbenzene (C10.1)

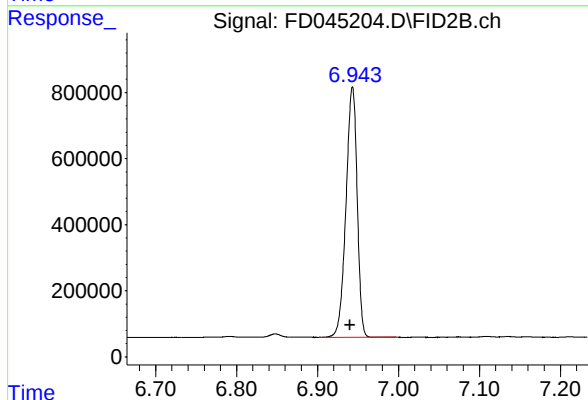
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 5906387
Conc: 39.00 ug/ml

Instrument :
FID_D
ClientSampleId :



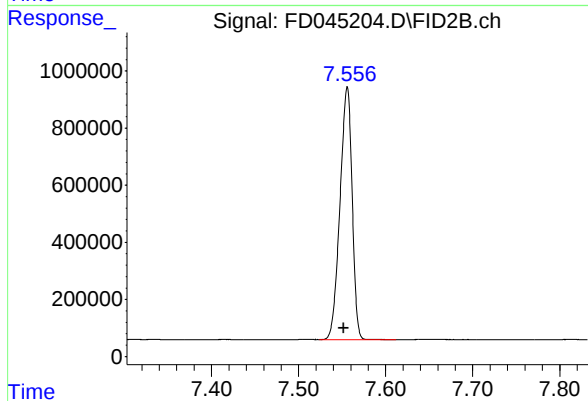
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 7106337
Conc: 44.98 ug/ml



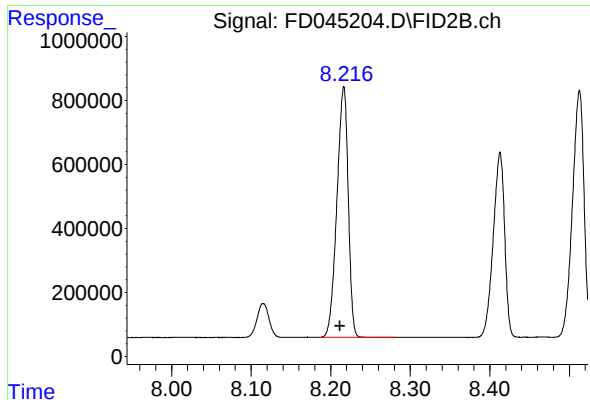
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: 0.003 min
Response: 7284908
Conc: 45.84 ug/ml



#4 2-Bromonaphthalene (SURR)

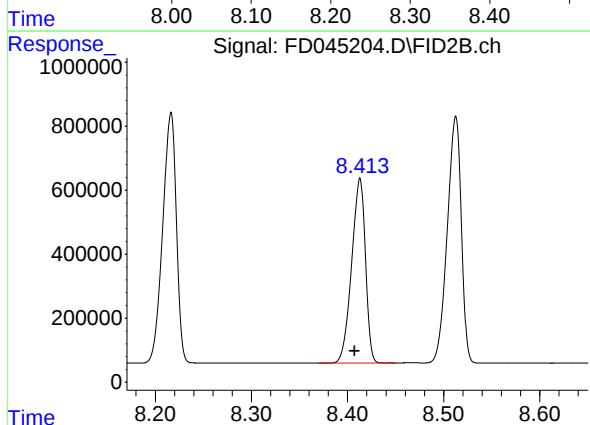
R.T.: 7.556 min
Delta R.T.: 0.004 min
Response: 8588972
Conc: 63.29 ug/ml



#5 Acenaphthylene (C15.06)

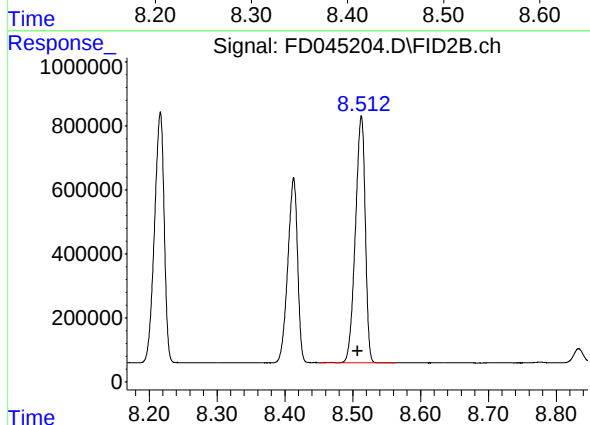
R.T.: 8.216 min
Delta R.T.: 0.004 min
Response: 7763727
Conc: 54.14 ug/ml

Instrument :
FID_D
ClientSampleId :



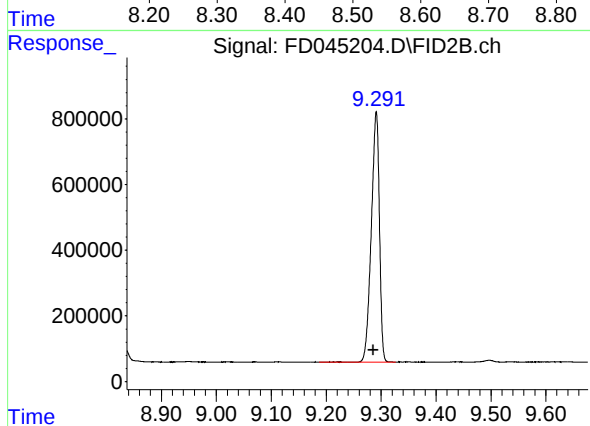
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: 0.005 min
Response: 5778883
Conc: 64.54 ug/ml



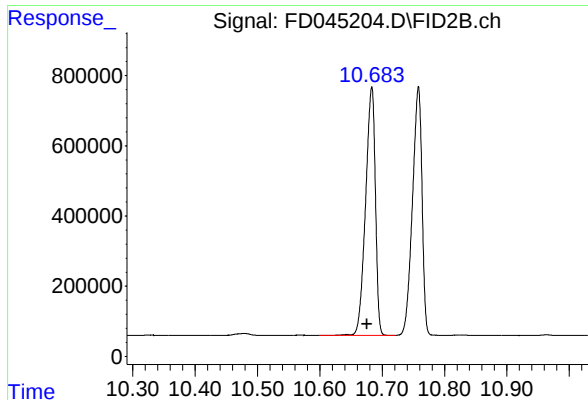
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: 0.005 min
Response: 7814001
Conc: 51.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.291 min
Delta R.T.: 0.005 min
Response: 7803999
Conc: 53.01 ug/ml



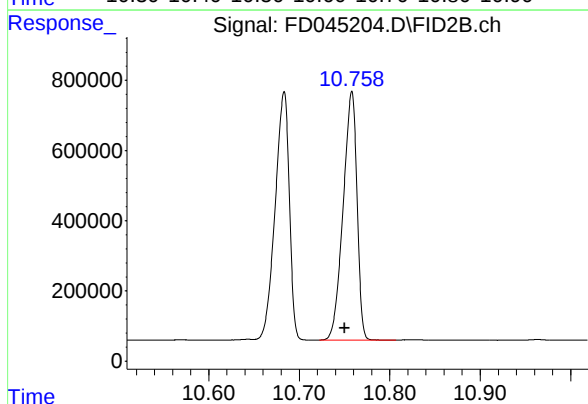
#9 Phenanthrene (C19.36)

R.T.: 10.683 min
Delta R.T.: 0.007 min
Response: 7741660
Conc: 54.22 ug/ml

Instrument :

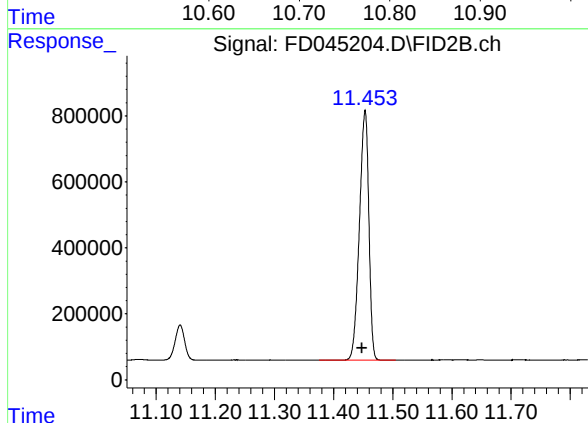
FID_D

ClientSampleId :



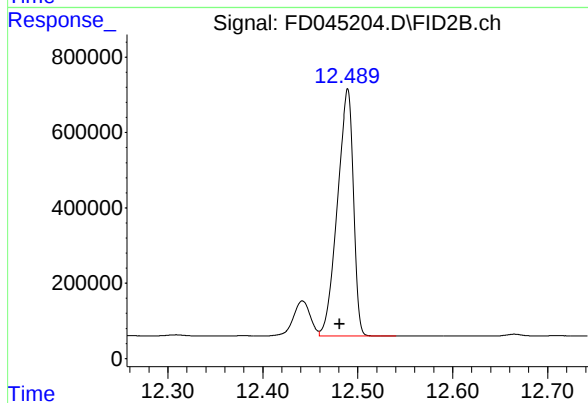
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: 0.007 min
Response: 7552058
Conc: 53.89 ug/ml



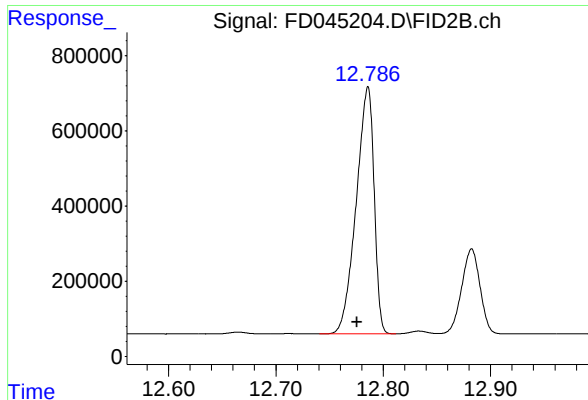
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: 0.005 min
Response: 8366026
Conc: 50.26 ug/ml



#12 Fluoranthene (C21.85)

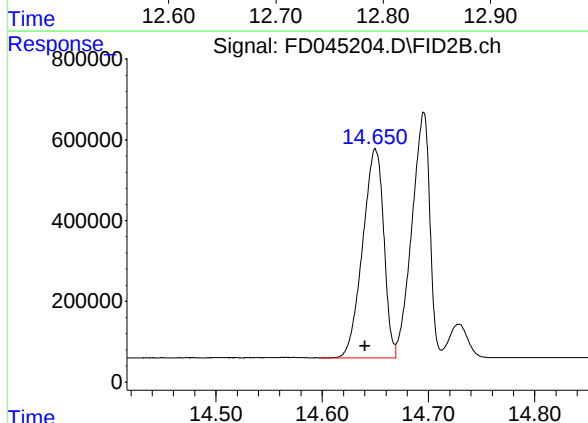
R.T.: 12.489 min
Delta R.T.: 0.008 min
Response: 7697648
Conc: 55.11 ug/ml



#13 Pyrene (C20.8)

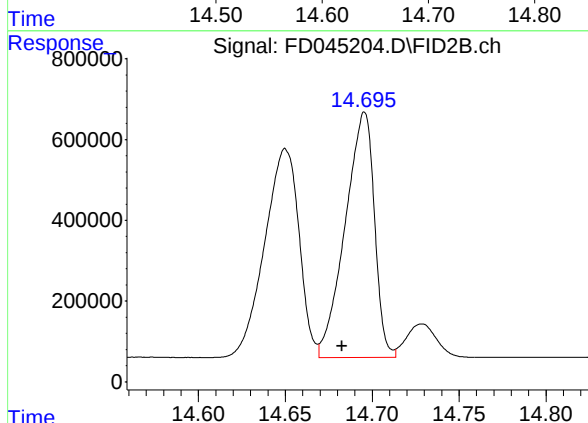
R.T.: 12.785 min
Delta R.T.: 0.010 min
Response: 7621163
Conc: 55.96 ug/ml

Instrument :
FID_D
ClientSampleId :



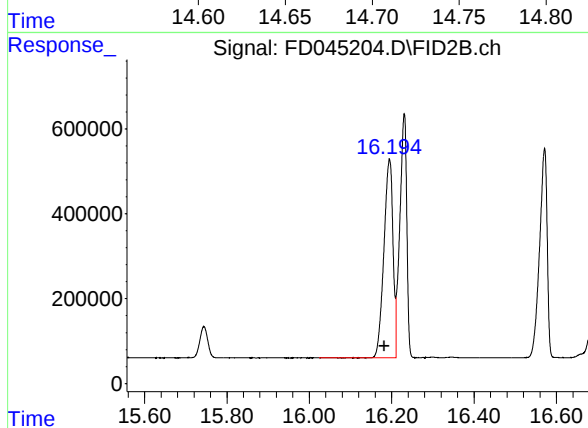
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: 0.010 min
Response: 7141890
Conc: 56.03 ug/ml



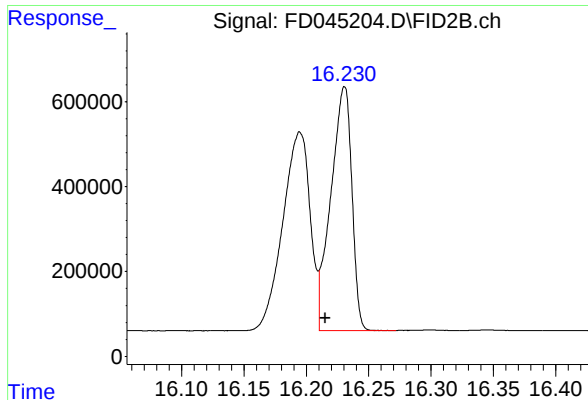
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: 0.012 min
Response: 7121588
Conc: 54.64 ug/ml



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

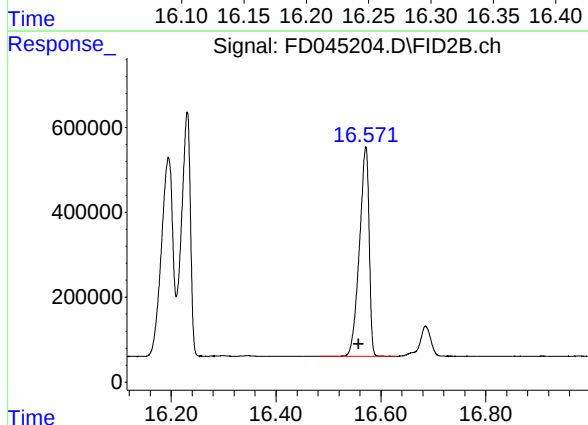
R.T.: 16.195 min
Delta R.T.: 0.012 min
Response: 7145755
Conc: 55.43 ug/ml



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

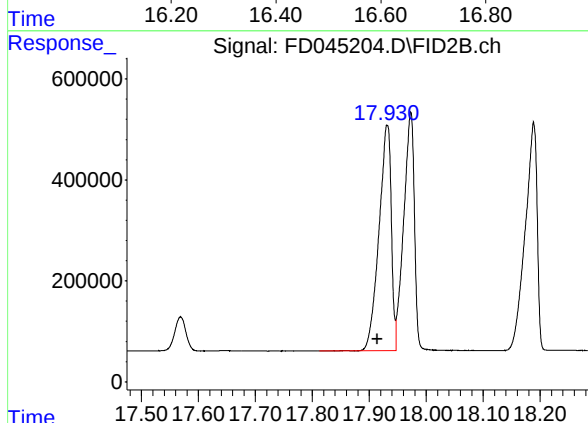
R.T.: 16.230 min
Delta R.T.: 0.015 min
Response: 6746485
Conc: 53.45 ug/ml

Instrument :
FID_D
ClientSampleId :



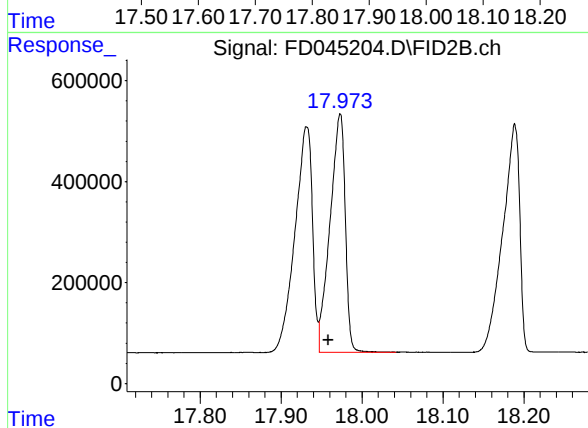
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.571 min
Delta R.T.: 0.013 min
Response: 6331797
Conc: 50.31 ug/ml



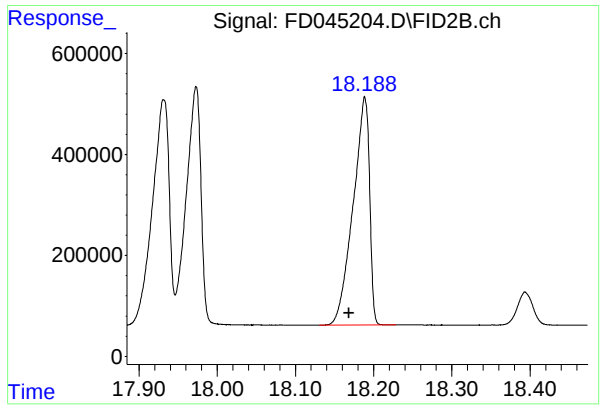
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min
Delta R.T.: 0.017 min
Response: 6726845
Conc: 56.23 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.014 min
Response: 6177760
Conc: 51.22 ug/ml



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

R.T.: 18.188 min

Delta R.T.: 0.020 min

Response: 6592717

Conc: 52.99 ug/ml

Instrument :

FID_D

ClientSampleId :