

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022823AR\
 Data File : FD045182.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 17:07
 Operator : YP/AJ
 Sample : PB151107BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 04:20:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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

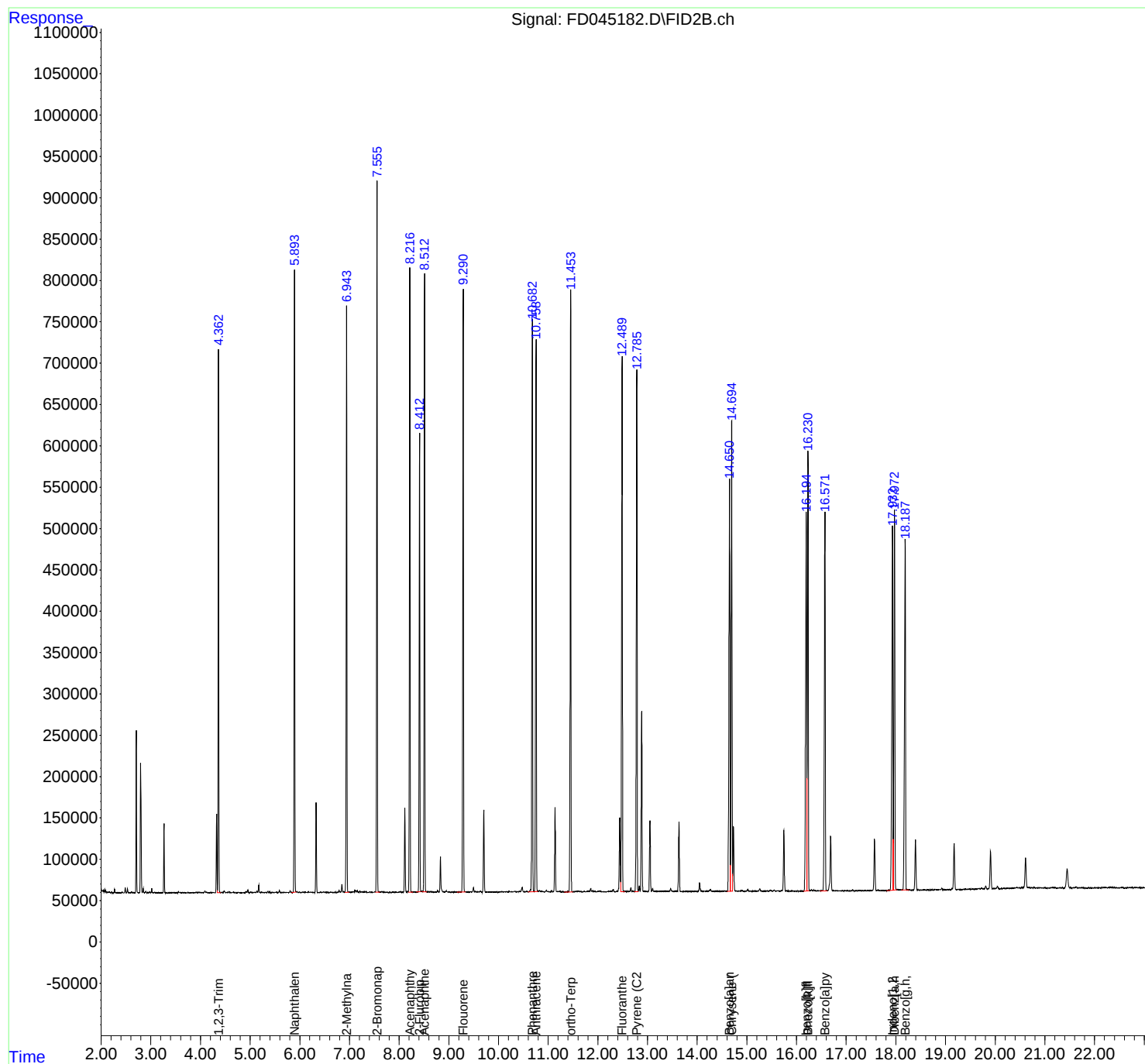
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.555	8189842	61.064 ug/ml
Spiked Amount 50.000		Recovery =	122.13%
6) S 2-Fluorobiphenyl (SURR)	8.412	5479787	61.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.29%
11) S ortho-Terphenyl (SURR)	11.453	7954443	47.294 ug/ml
Spiked Amount 50.000		Recovery =	94.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	5663767	37.831 ug/ml
2) T Naphthalene (C11.7)	5.893	6797316	43.293 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	6955520	44.458 ug/ml
5) T Acenaphthylene (C15.06)	8.216	7408953	51.890 ug/ml
7) T Acenaphthene (C15.5)	8.512	7423136	49.227 ug/ml
8) T Fluorene (C16.55)	9.290	7433806	50.433 ug/ml
9) T Phenanthrene (C19.36)	10.682	7352515	50.792 ug/ml
10) T Anthracene (C19.43)	10.758	7212272	53.270 ug/ml
12) T Fluoranthene (C21.85)	12.489	7298109	50.917 ug/ml
13) T Pyrene (C20.8)	12.785	7228011	51.619 ug/ml
14) T Benzo[a]anthracene (C...	14.650	6780461	53.298 ug/ml
15) T Chrysene (C27.41)	14.694	6761560	51.065 ug/ml
16) T benzo[b]fluoranthene ...	16.194	6807122	51.903 ug/ml
17) T Bnezo[k]fluoranthene ...	16.230	6424782	49.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.571	6056526	47.185 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.931	6531224	51.998 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	5972099	48.829 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	6361533	50.143 ug/ml

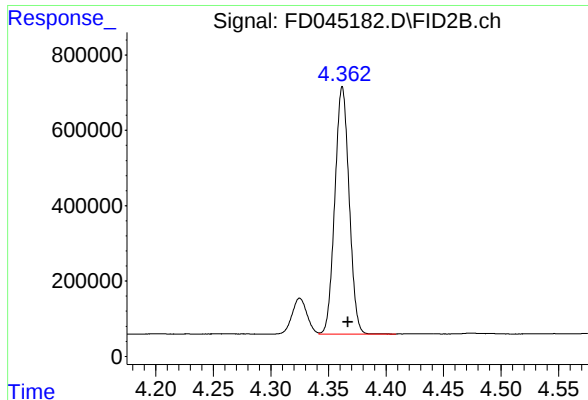
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

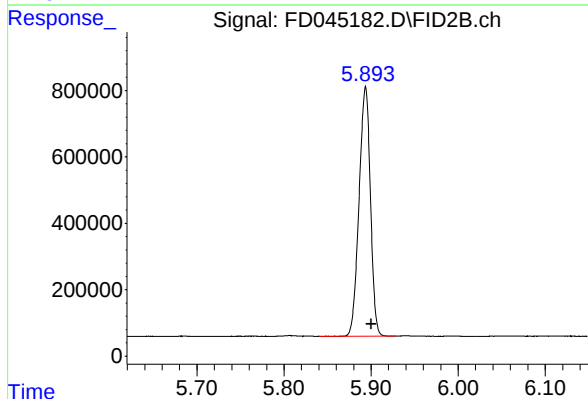




#1 1,2,3-Trimethylbenzene (C10.1)

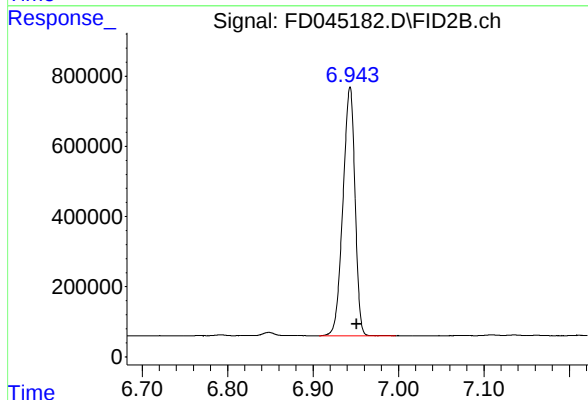
R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 5663767
Conc: 37.83 ug/ml

Instrument :
FID_D
ClientSampleId :



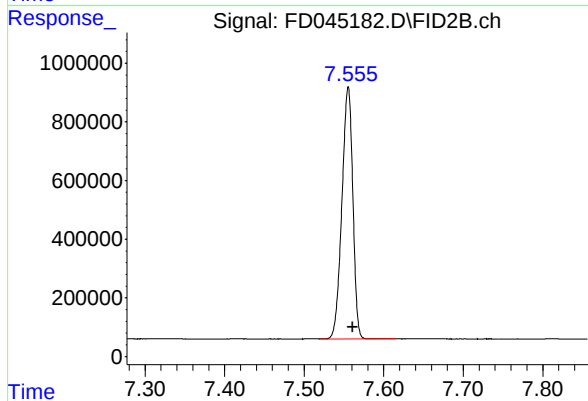
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 6797316
Conc: 43.29 ug/ml



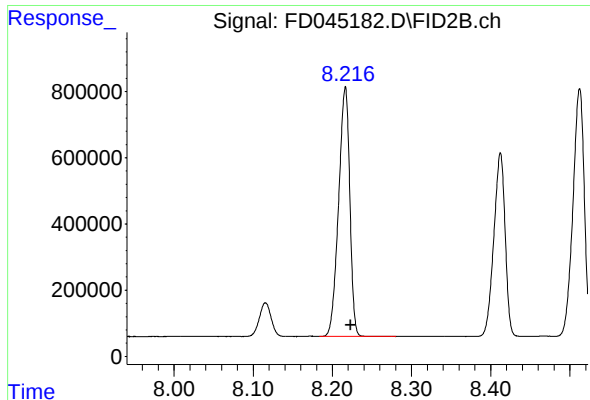
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 6955520
Conc: 44.46 ug/ml



#4 2-Bromonaphthalene (SURR)

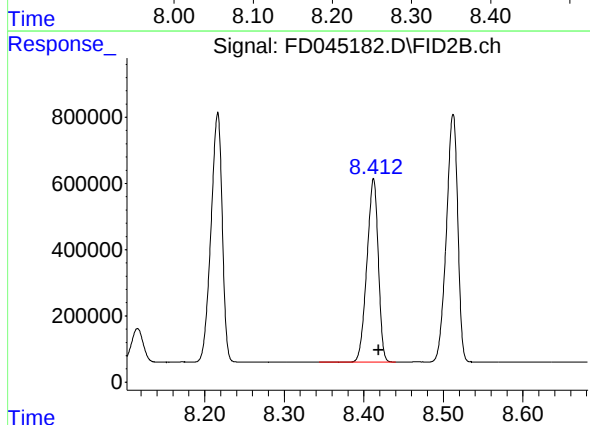
R.T.: 7.555 min
Delta R.T.: -0.006 min
Response: 8189842
Conc: 61.06 ug/ml



#5 Acenaphthylene (C15.06)

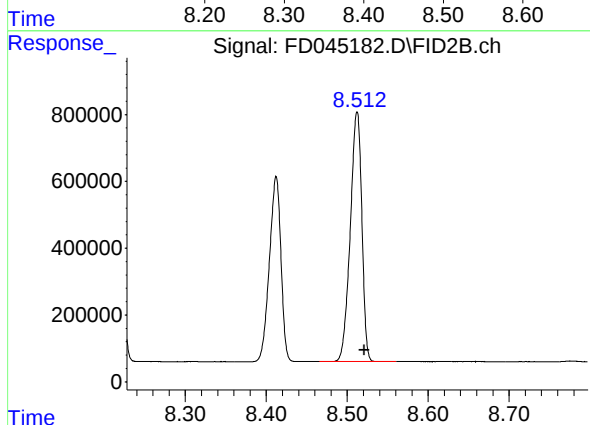
R.T.: 8.216 min
Delta R.T.: -0.007 min
Response: 7408953
Conc: 51.89 ug/ml

Instrument :
FID_D
ClientSampleId :



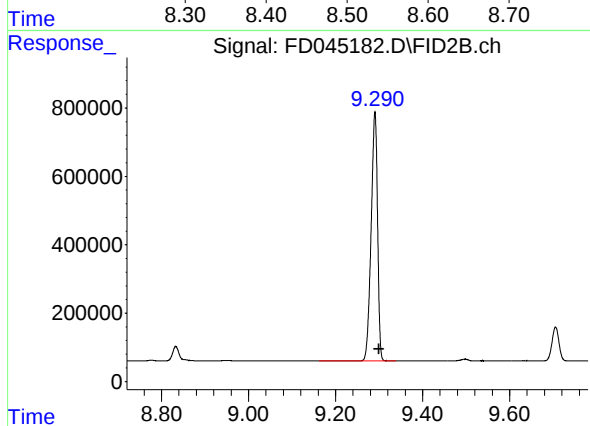
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 5479787
Conc: 61.14 ug/ml



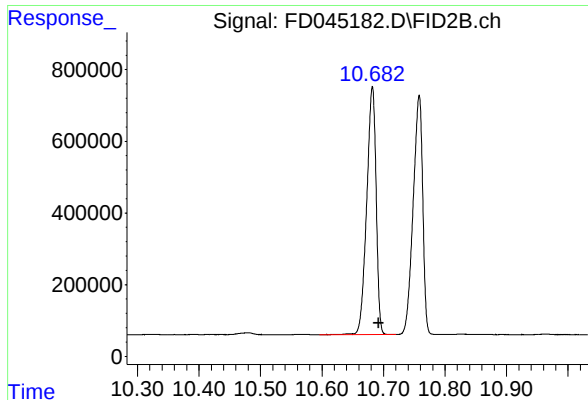
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.009 min
Response: 7423136
Conc: 49.23 ug/ml



#8 Flouorene (C16.55)

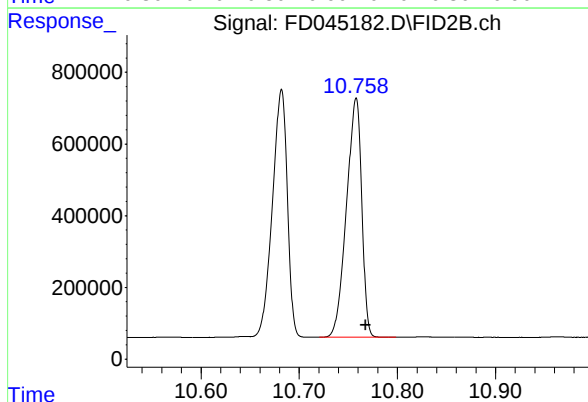
R.T.: 9.290 min
Delta R.T.: -0.009 min
Response: 7433806
Conc: 50.43 ug/ml



#9 Phenanthrene (C19.36)

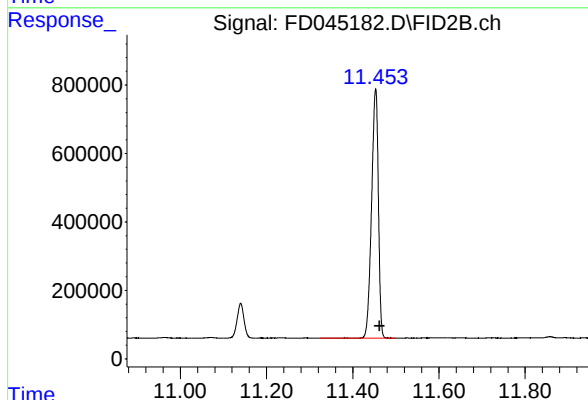
R.T.: 10.682 min
Delta R.T.: -0.010 min
Response: 7352515
Conc: 50.79 ug/ml

Instrument :
FID_D
ClientSampleId :



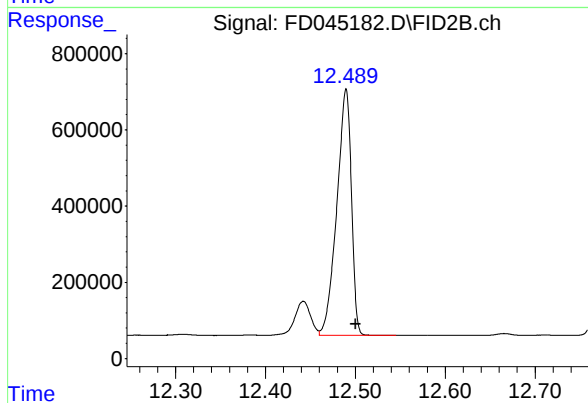
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.010 min
Response: 7212272
Conc: 53.27 ug/ml



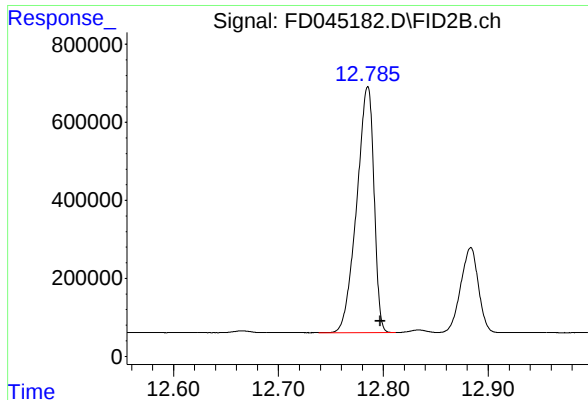
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.009 min
Response: 7954443
Conc: 47.29 ug/ml



#12 Fluoranthene (C21.85)

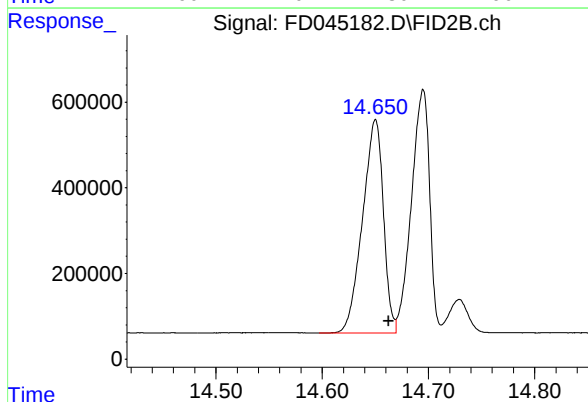
R.T.: 12.489 min
Delta R.T.: -0.011 min
Response: 7298109
Conc: 50.92 ug/ml



#13 Pyrene (C20.8)

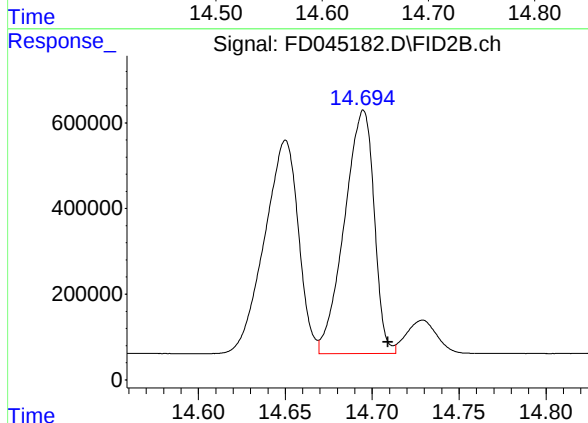
R.T.: 12.785 min
Delta R.T.: -0.012 min
Response: 7228011
Conc: 51.62 ug/ml

Instrument :
FID_D
ClientSampleId :



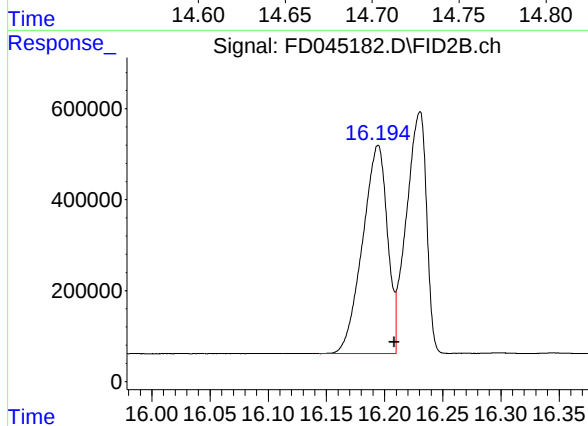
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.013 min
Response: 6780461
Conc: 53.30 ug/ml



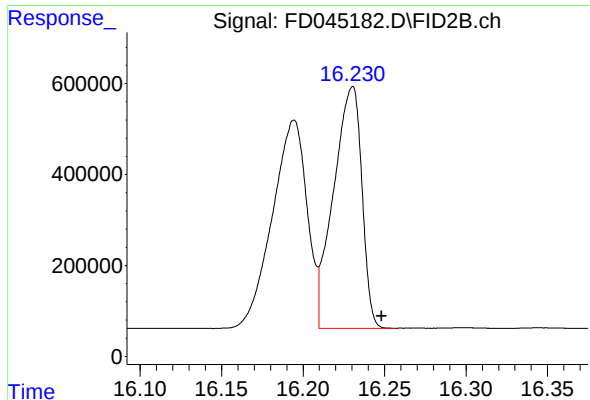
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.015 min
Response: 6761560
Conc: 51.06 ug/ml



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

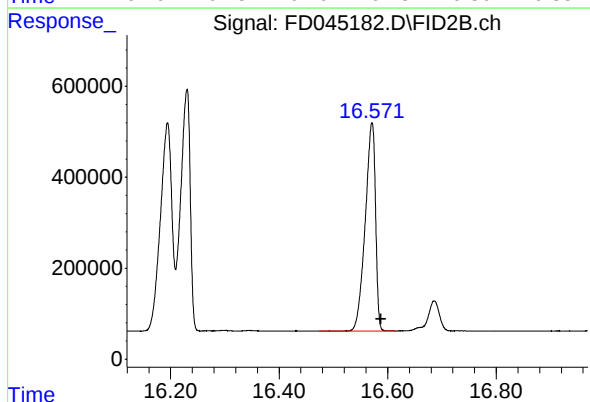
R.T.: 16.194 min
Delta R.T.: -0.014 min
Response: 6807122
Conc: 51.90 ug/ml



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

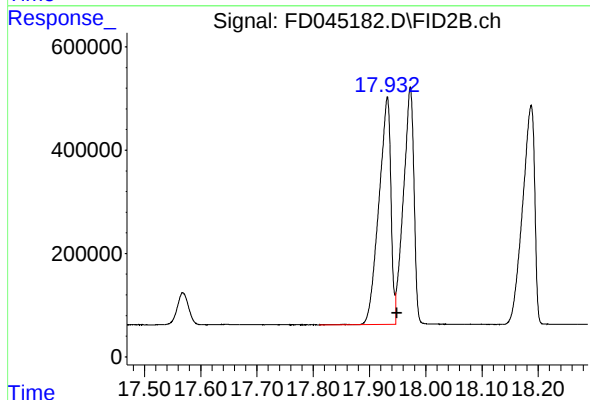
R.T.: 16.230 min
Delta R.T.: -0.019 min
Response: 6424782
Conc: 49.54 ug/ml

Instrument :
FID_D
ClientSampleId :



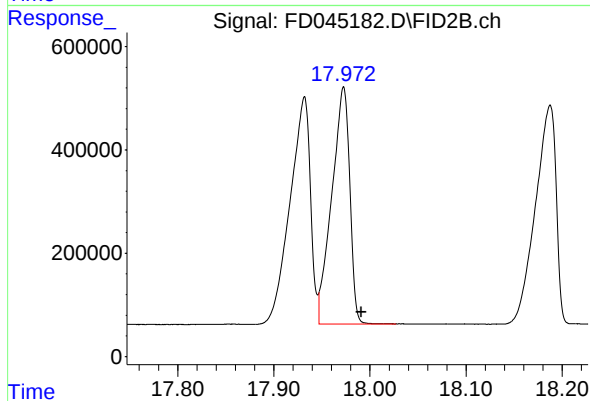
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.571 min
Delta R.T.: -0.017 min
Response: 6056526
Conc: 47.19 ug/ml



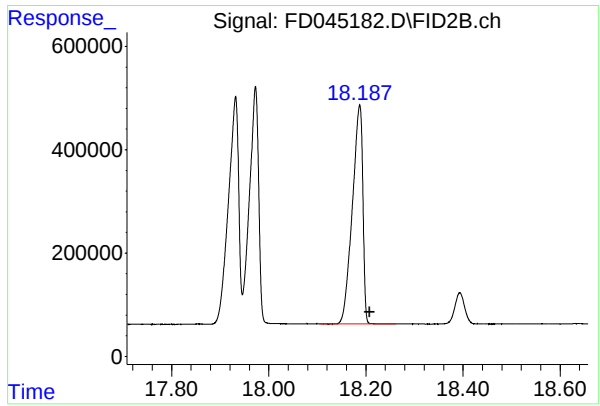
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min
Delta R.T.: -0.017 min
Response: 6531224
Conc: 52.00 ug/ml



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

R.T.: 17.972 min
Delta R.T.: -0.019 min
Response: 5972099
Conc: 48.83 ug/ml



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

R.T.: 18.187 min
Delta R.T.: -0.021 min
Response: 6361533
Conc: 50.14 ug/ml

Instrument :

FID_D

ClientSampleId :