

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045074.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 22:43
 Operator : YP/AJ
 Sample : 01593-03MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:25:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.558	7084796	48.307 ug/ml
Spiked Amount 50.000		Recovery =	96.61%
6) S 2-Fluorobiphenyl (SURR)	8.415	4688462	46.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.95%
11) S ortho-Terphenyl (SURR)	11.455	5378081	28.936 ug/ml
Spiked Amount 50.000		Recovery =	57.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	6000900	37.593 ug/ml
2) T Naphthalene (C11.7)	5.897	6786884	40.056 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	6719003	39.165 ug/ml
5) T Acenaphthylene (C15.06)	8.219	7296083	46.430 ug/ml
7) T Acenaphthene (C15.5)	8.515	7453709	44.829 ug/ml
8) T Fluorene (C16.55)	9.295	7591121	46.249 ug/ml
9) T Phenanthrene (C19.36)	10.687	7860892	48.619 ug/ml
10) T Anthracene (C19.43)	10.762	7787341	52.529 ug/ml
12) T Fluoranthene (C21.85)	12.494	7971872	49.811 ug/ml
13) T Pyrene (C20.8)	12.790	7889329	50.277 ug/ml
14) T Benzo[a]anthracene (C...	14.656	7392049	51.793 ug/ml
15) T Chrysene (C27.41)	14.699	7294595	49.267 ug/ml
16) T benzo[b]fluoranthene ...	16.201	7409135	51.073 ug/ml
17) T Bnezo[k]fluoranthene ...	16.236	6961937	48.831 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.577	6534944	46.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.938	7066820	52.514 ug/ml
20) T Dibenz[a,h]anthracene...	17.979	6763364	51.037 ug/ml
21) T Benzo[g,h,i]perylene ...	18.194	7022395	51.648 ug/ml

(f)=RT Delta > 1/2 Window

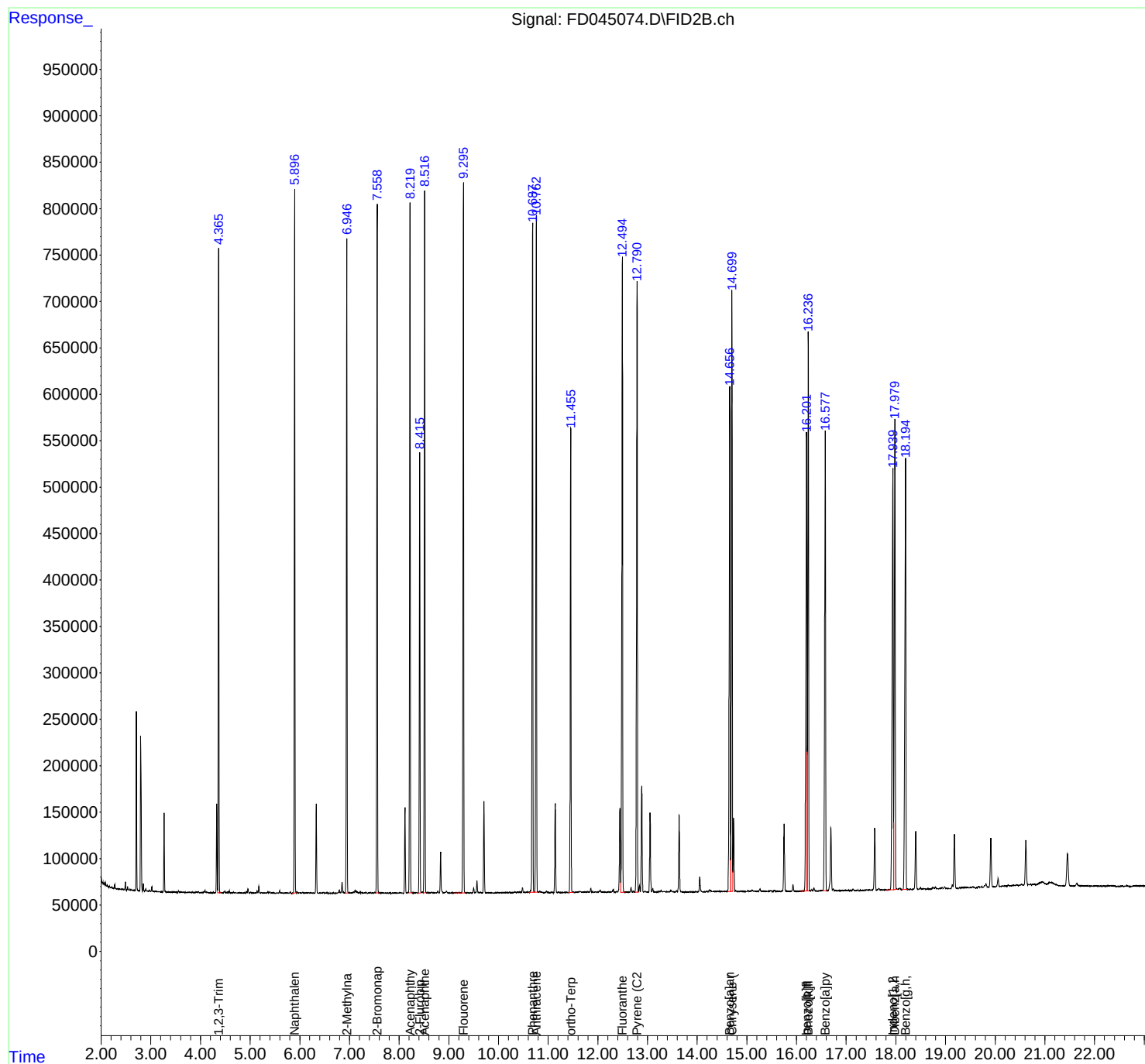
(m)=manual int.

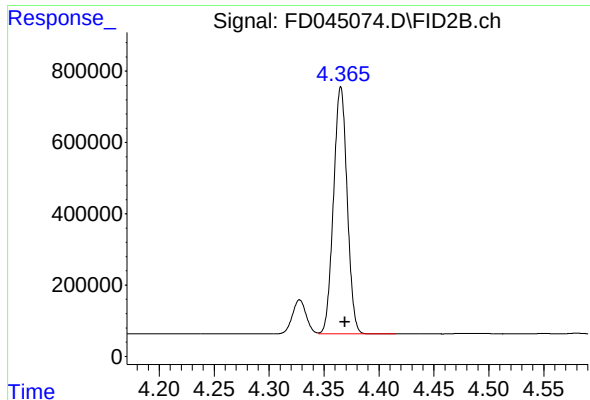
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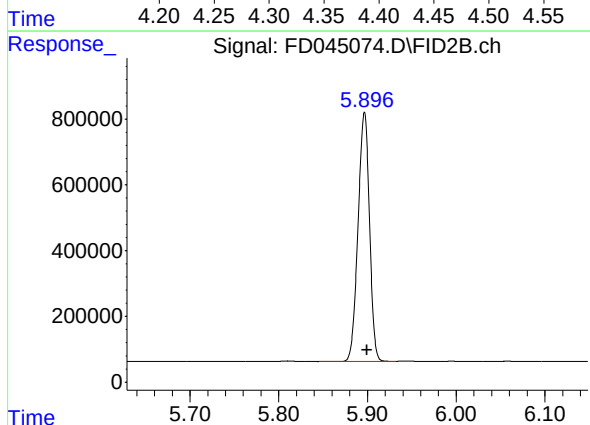




#1 1,2,3-Trimethylbenzene (C10.1)

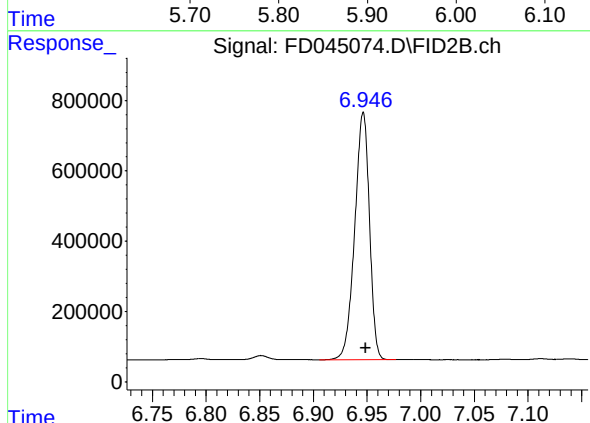
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 6000900
Conc: 37.59 ug/ml

Instrument :
FID_D
ClientSampleId :



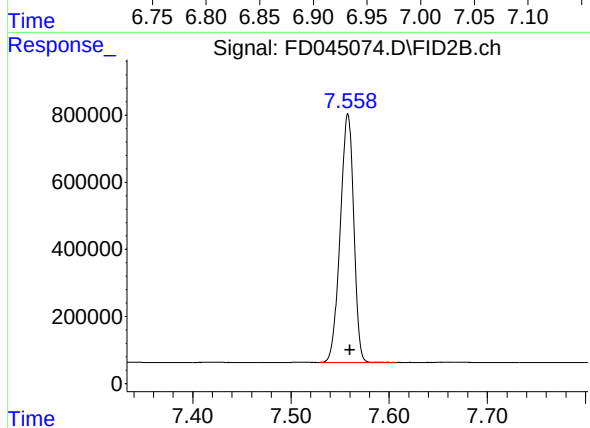
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 6786884
Conc: 40.06 ug/ml



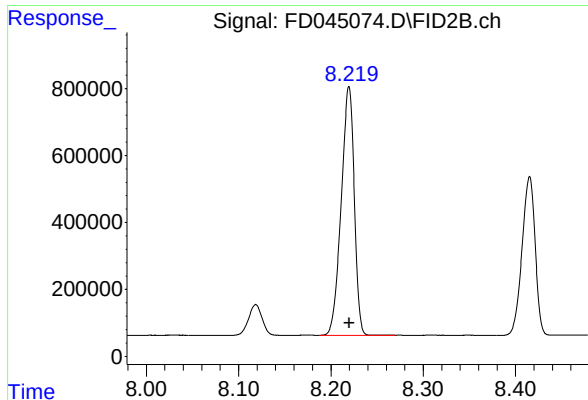
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 6719003
Conc: 39.16 ug/ml



#4 2-Bromonaphthalene (SURR)

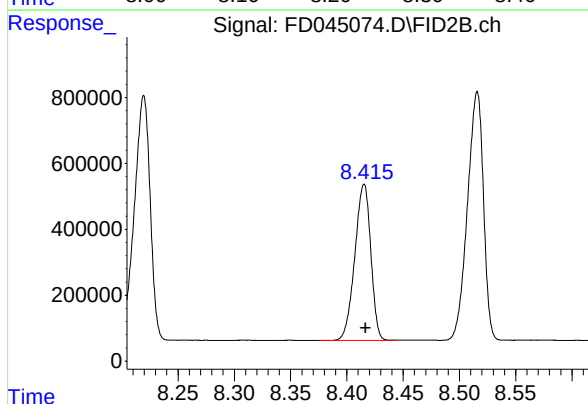
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 7084796
Conc: 48.31 ug/ml



#5 Acenaphthylene (C15.06)

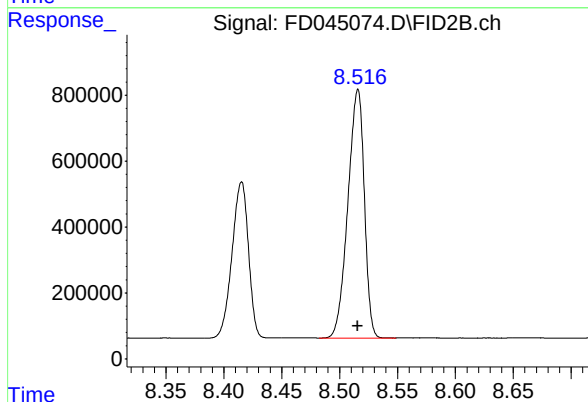
R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 7296083
Conc: 46.43 ug/ml

Instrument :
FID_D
ClientSampleId :



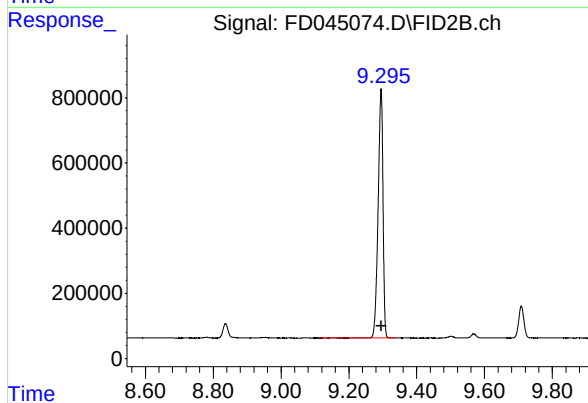
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 4688462
Conc: 46.97 ug/ml



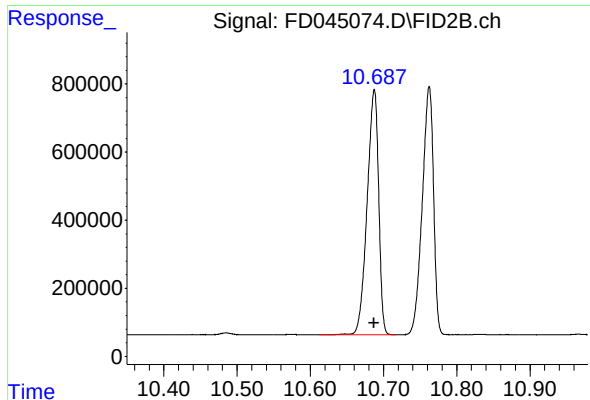
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 7453709
Conc: 44.83 ug/ml



#8 Flouorene (C16.55)

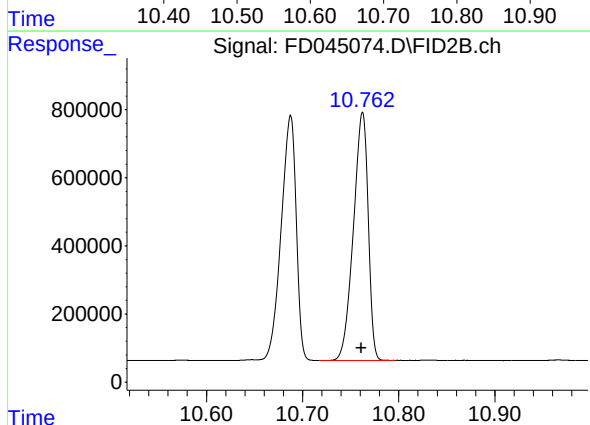
R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 7591121
Conc: 46.25 ug/ml



#9 Phenanthrene (C19.36)

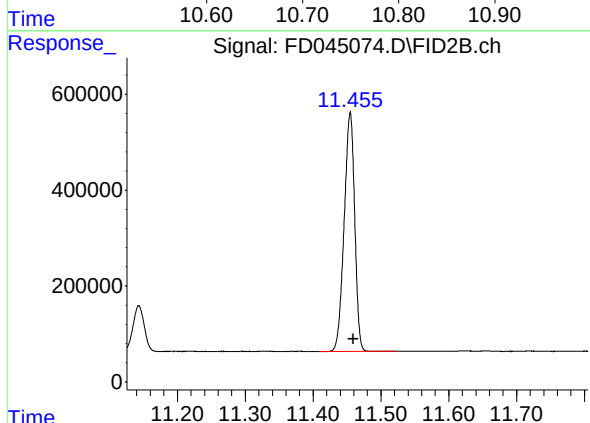
R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 7860892
Conc: 48.62 ug/ml

Instrument :
FID_D
ClientSampleId :



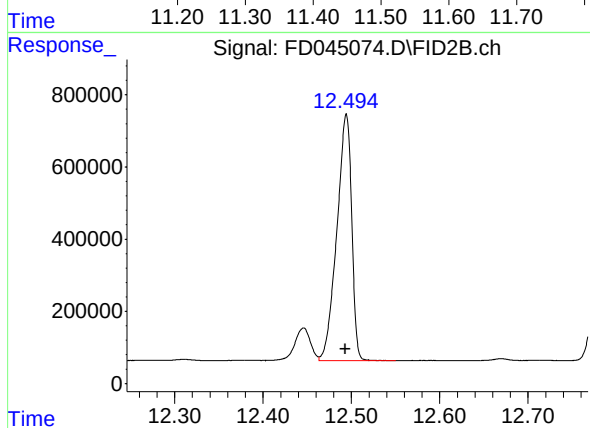
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: 0.001 min
Response: 7787341
Conc: 52.53 ug/ml



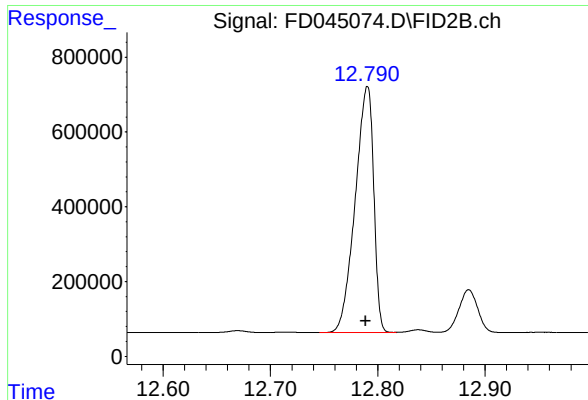
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.005 min
Response: 5378081
Conc: 28.94 ug/ml



#12 Fluoranthene (C21.85)

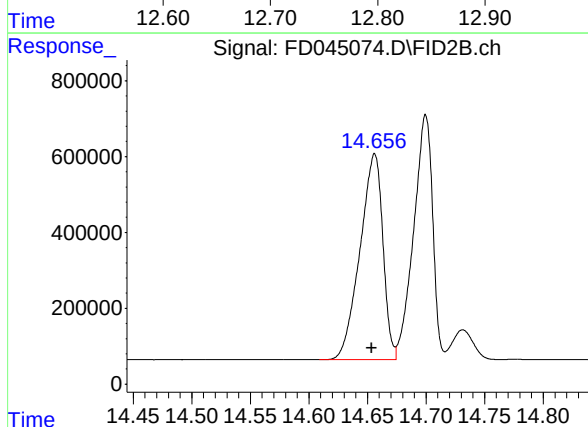
R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 7971872
Conc: 49.81 ug/ml



#13 Pyrene (C20.8)

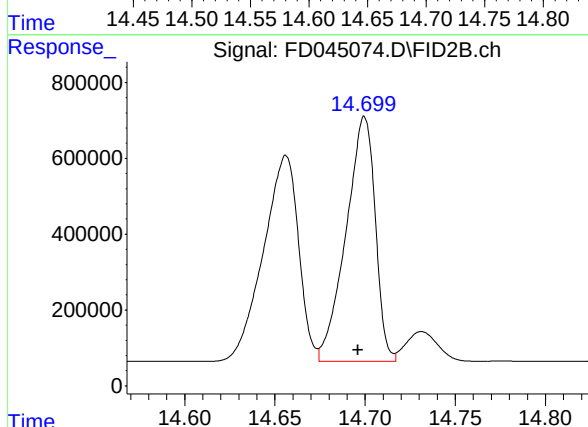
R.T.: 12.790 min
Delta R.T.: 0.001 min
Response: 7889329
Conc: 50.28 ug/ml

Instrument :
FID_D
ClientSampleId :



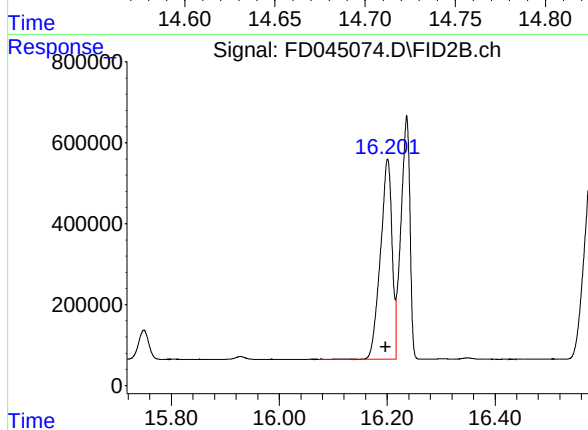
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.656 min
Delta R.T.: 0.002 min
Response: 7392049
Conc: 51.79 ug/ml



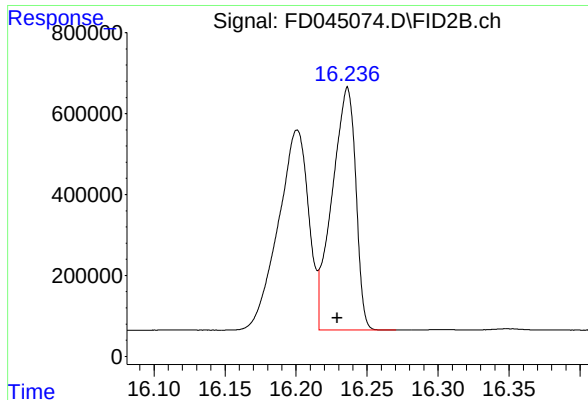
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.003 min
Response: 7294595
Conc: 49.27 ug/ml



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

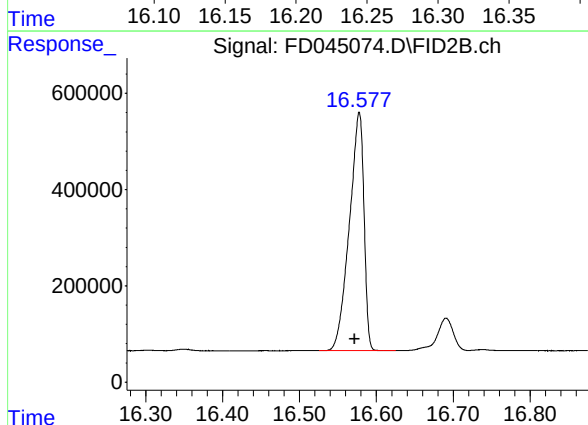
R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 7409135
Conc: 51.07 ug/ml



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

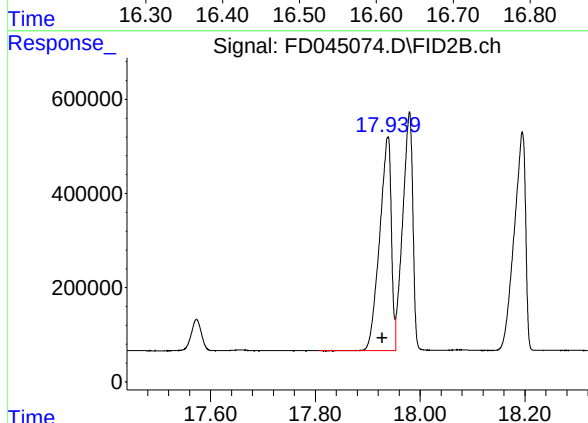
R.T.: 16.236 min
Delta R.T.: 0.007 min
Response: 6961937
Conc: 48.83 ug/ml

Instrument :
FID_D
ClientSampleId :



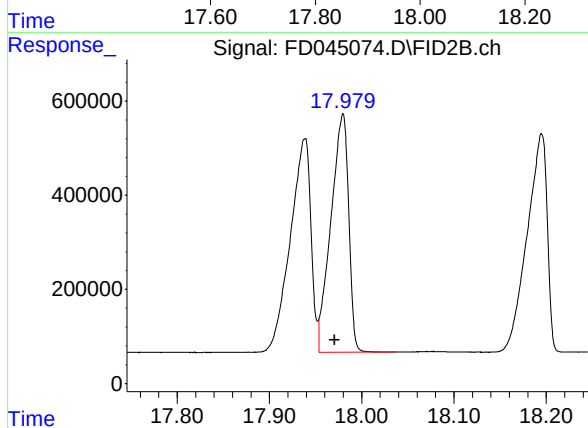
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.577 min
Delta R.T.: 0.005 min
Response: 6534944
Conc: 46.77 ug/ml



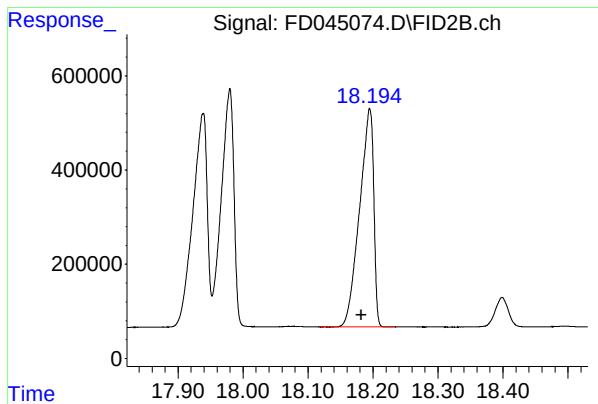
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.938 min
Delta R.T.: 0.010 min
Response: 7066820
Conc: 52.51 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.008 min
Response: 6763364
Conc: 51.04 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.012 min
Response: 7022395
Conc: 51.65 ug/ml

Instrument :

FID_D

ClientSampleId :