

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045073.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 22:02
 Operator : YP/AJ
 Sample : 01593-03MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:25:18 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...	7.557	7074694	48.238 ug/ml
Spiked Amount 50.000		Recovery =	96.48%
6) S 2-Fluorobiphenyl (SURR)	8.414	4689058	46.979 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.96%
11) S ortho-Terphenyl (SURR)	11.454	5384479	28.971 ug/ml
Spiked Amount 50.000		Recovery =	57.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5981926	37.474 ug/ml
2) T Naphthalene (C11.7)	5.896	6768886	39.950 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	6701152	39.060 ug/ml
5) T Acenaphthylene (C15.06)	8.218	7309129	46.513 ug/ml
7) T Acenaphthene (C15.5)	8.515	7454803	44.836 ug/ml
8) T Fluorene (C16.55)	9.293	7592702	46.259 ug/ml
9) T Phenanthrene (C19.36)	10.686	7890252	48.801 ug/ml
10) T Anthracene (C19.43)	10.761	7812117	52.697 ug/ml
12) T Fluoranthene (C21.85)	12.493	8029803	50.173 ug/ml
13) T Pyrene (C20.8)	12.789	7956339	50.704 ug/ml
14) T Benzo[a]anthracene (C...	14.655	7436257	52.102 ug/ml
15) T Chrysene (C27.41)	14.700	7372157	49.791 ug/ml
16) T benzo[b]fluoranthene ...	16.200	7435059	51.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.236	7030841	49.314 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	6567824	47.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	7049757	52.387 ug/ml
20) T Dibenz[a,h]anthracene...	17.978	6768830	51.078 ug/ml
21) T Benzo[g,h,i]perylene ...	18.194	7047618	51.833 ug/ml

(f)=RT Delta > 1/2 Window

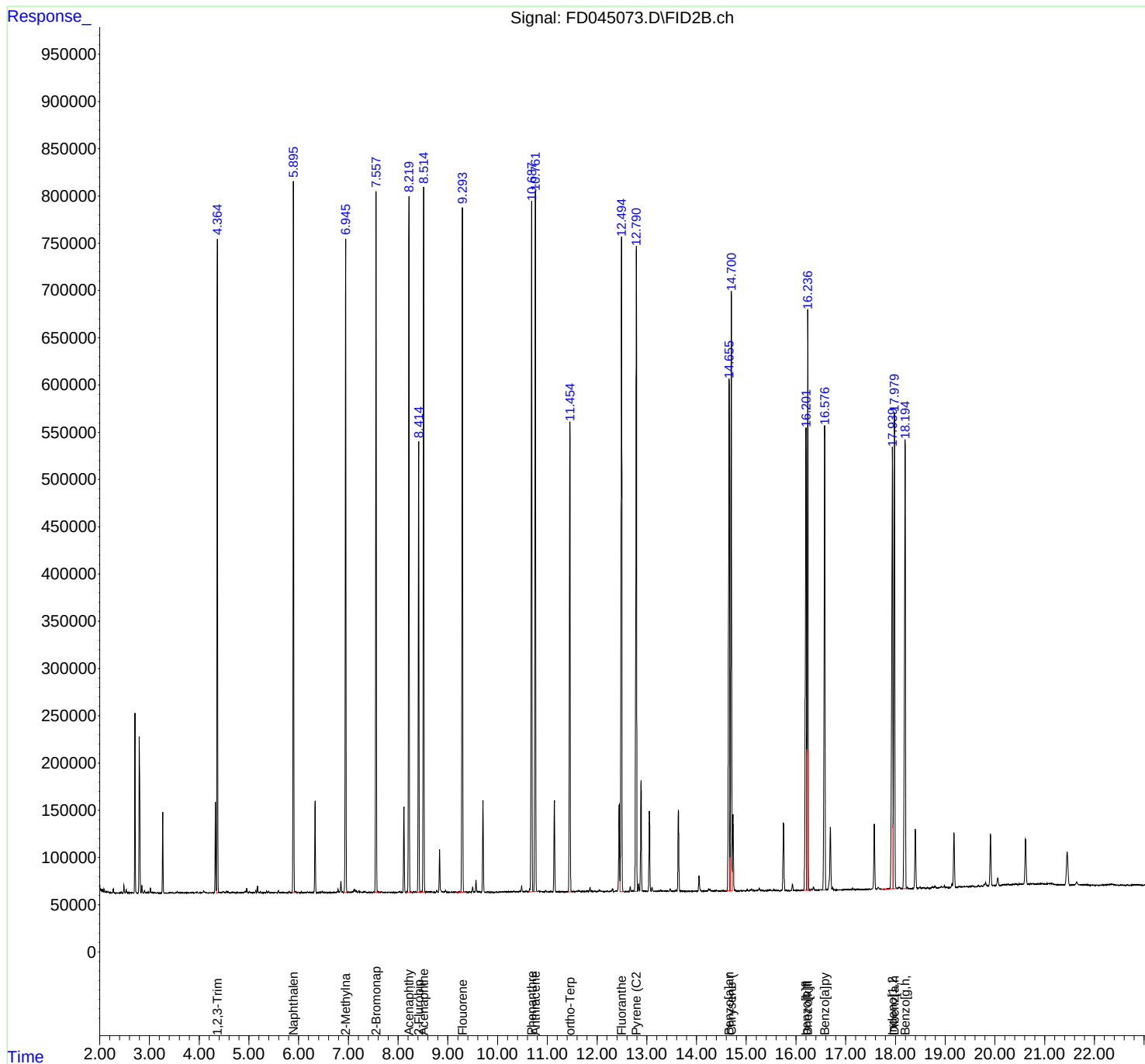
(m)=manual int.

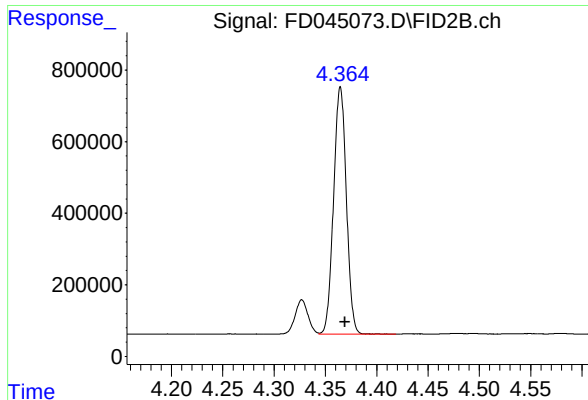
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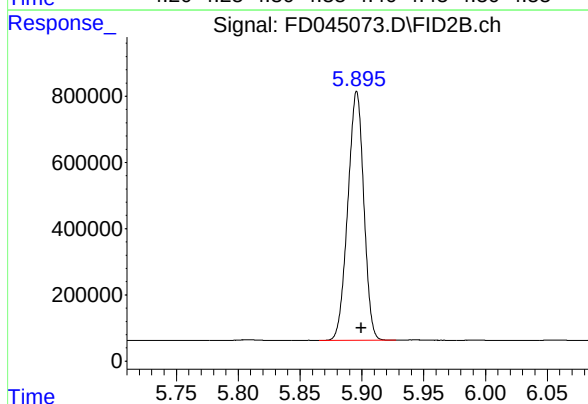




#1 1,2,3-Trimethylbenzene (C10.1)

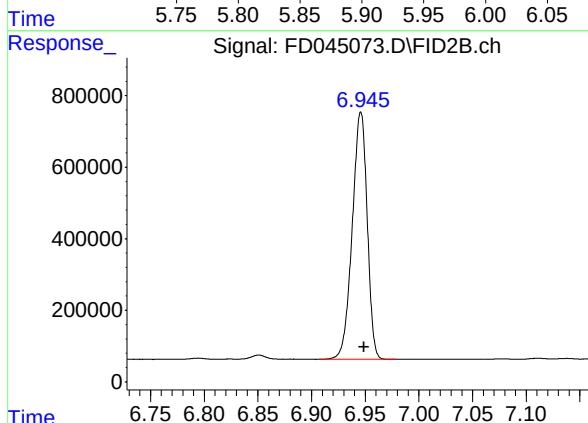
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5981926
Conc: 37.47 ug/ml

Instrument :
FID_D
ClientSampleId :



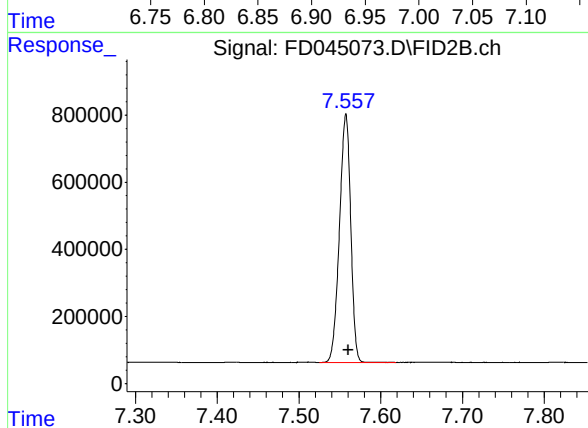
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 6768886
Conc: 39.95 ug/ml



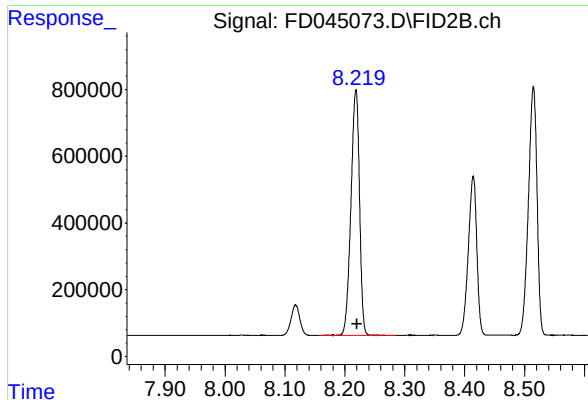
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 6701152
Conc: 39.06 ug/ml



#4 2-Bromonaphthalene (SURR)

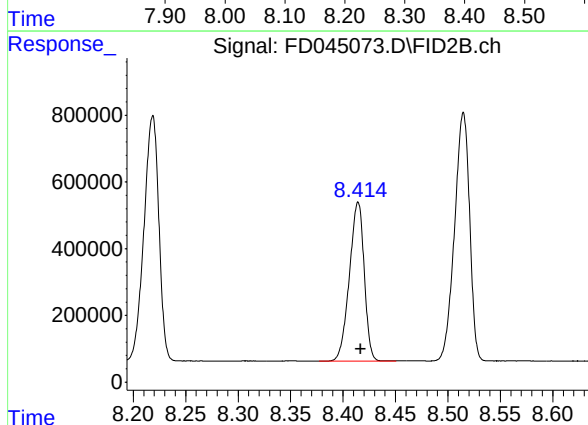
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 7074694
Conc: 48.24 ug/ml



#5 Acenaphthylene (C15.06)

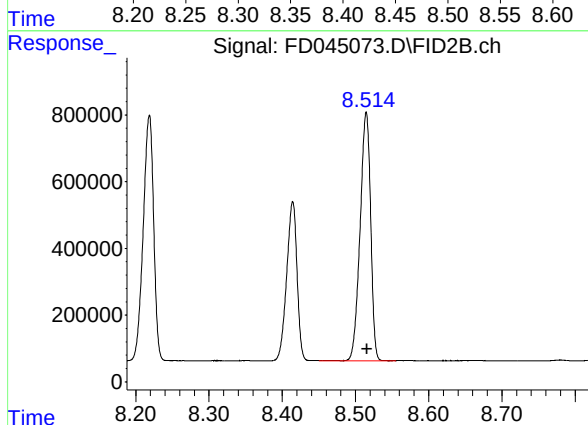
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 7309129
Conc: 46.51 ug/ml

Instrument :
FID_D
ClientSampleId :



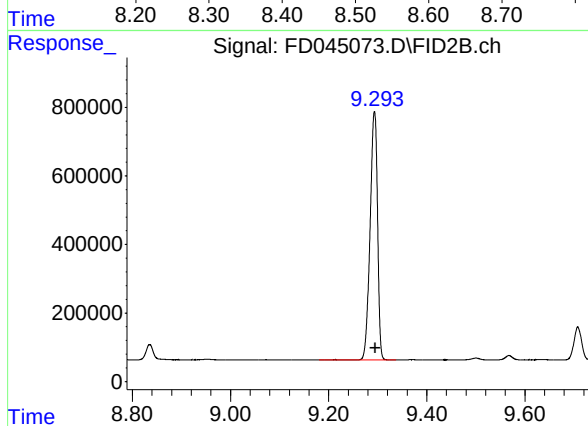
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4689058
Conc: 46.98 ug/ml



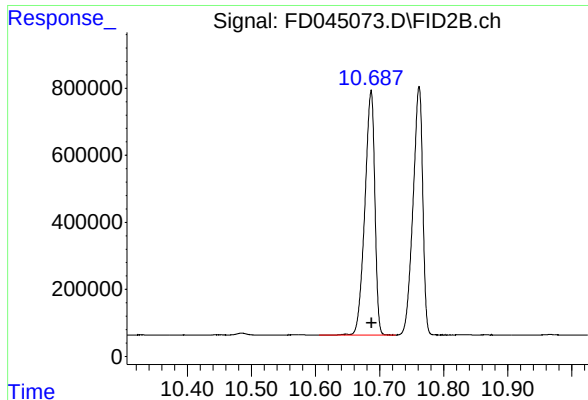
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 7454803
Conc: 44.84 ug/ml



#8 Fluorene (C16.55)

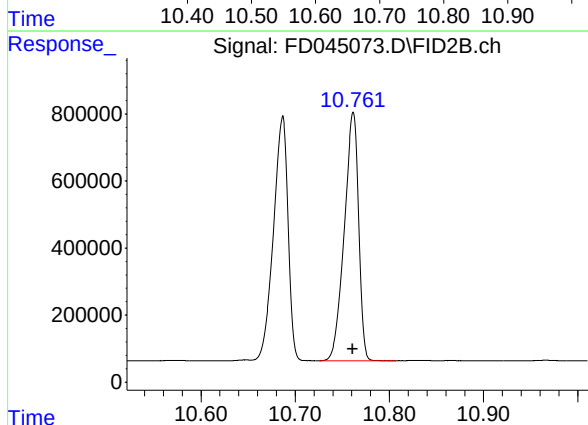
R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 7592702
Conc: 46.26 ug/ml



#9 Phenanthrene (C19.36)

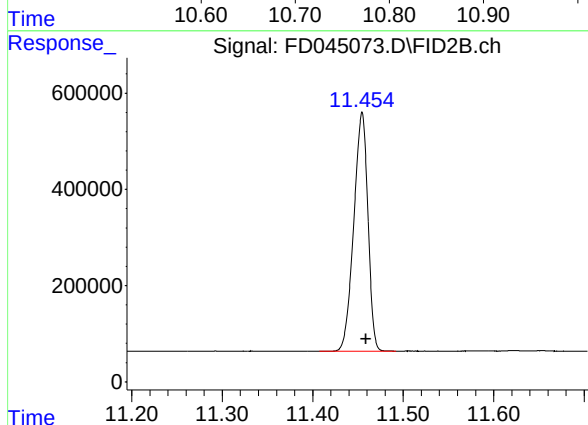
R.T.: 10.686 min
Delta R.T.: -0.001 min
Response: 7890252
Conc: 48.80 ug/ml

Instrument :
FID_D
ClientSampleId :



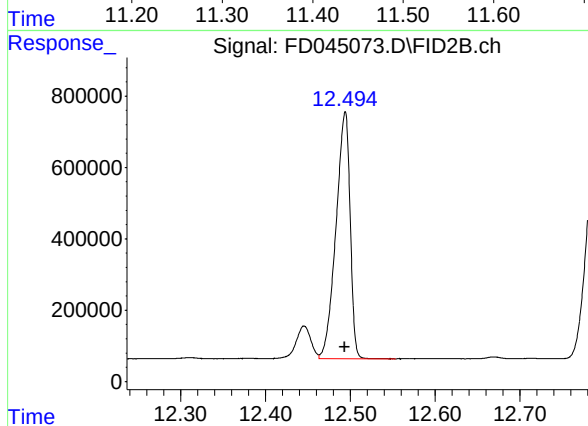
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 7812117
Conc: 52.70 ug/ml



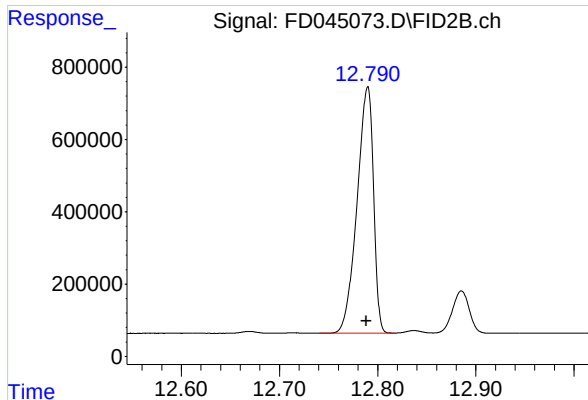
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5384479
Conc: 28.97 ug/ml



#12 Fluoranthene (C21.85)

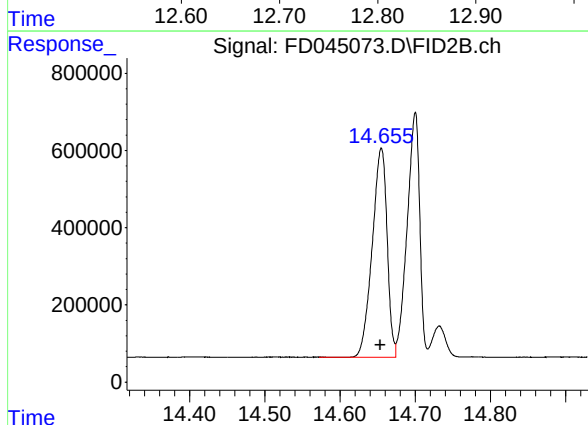
R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 8029803
Conc: 50.17 ug/ml



#13 Pyrene (C20.8)

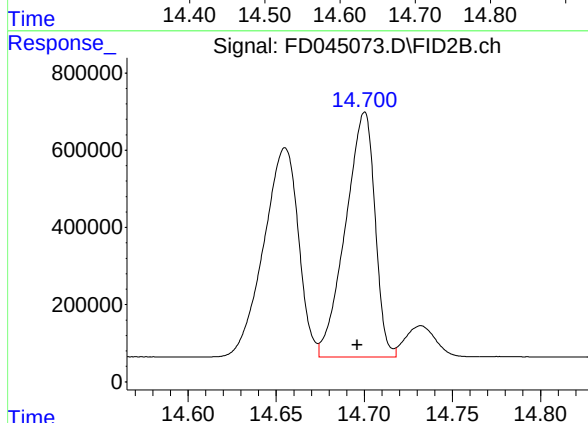
R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 7956339
Conc: 50.70 ug/ml

Instrument :
FID_D
ClientSampleId :



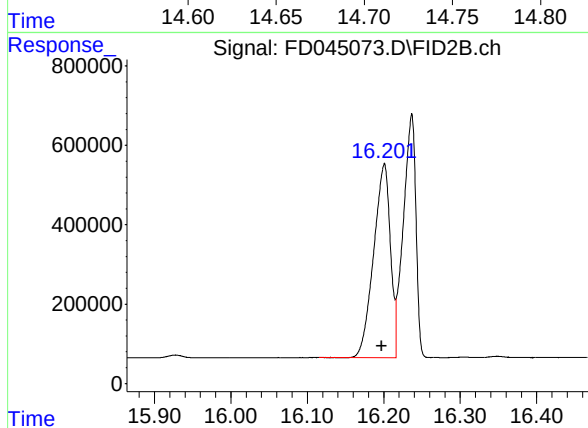
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.001 min
Response: 7436257
Conc: 52.10 ug/ml



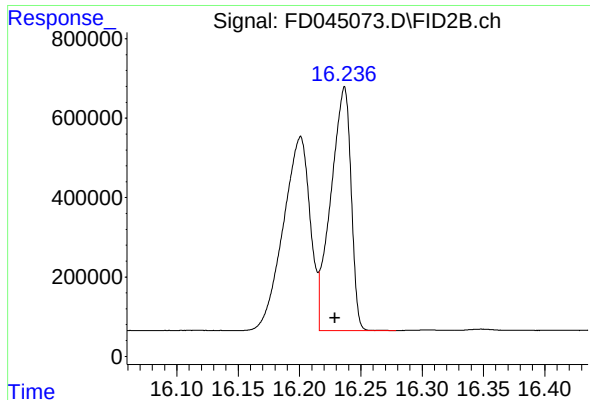
#15 Chrysene (C27.41)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 7372157
Conc: 49.79 ug/ml



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

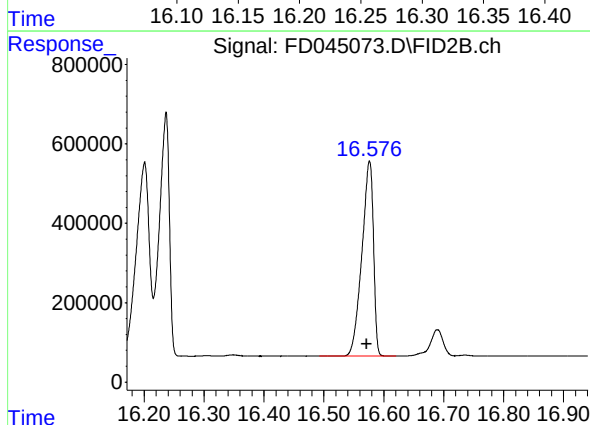
R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 7435059
Conc: 51.25 ug/ml



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

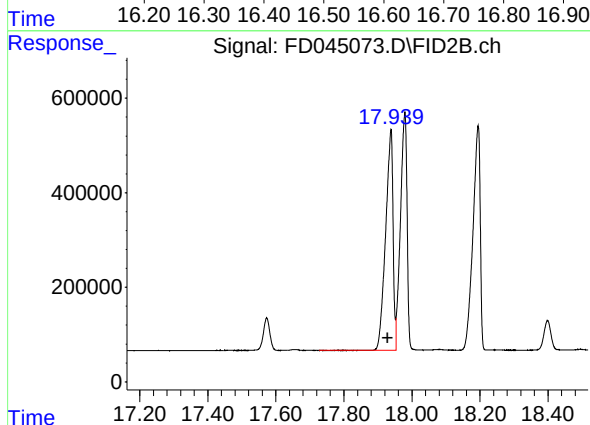
R.T.: 16.236 min
Delta R.T.: 0.007 min
Response: 7030841
Conc: 49.31 ug/ml

Instrument :
FID_D
ClientSampleId :



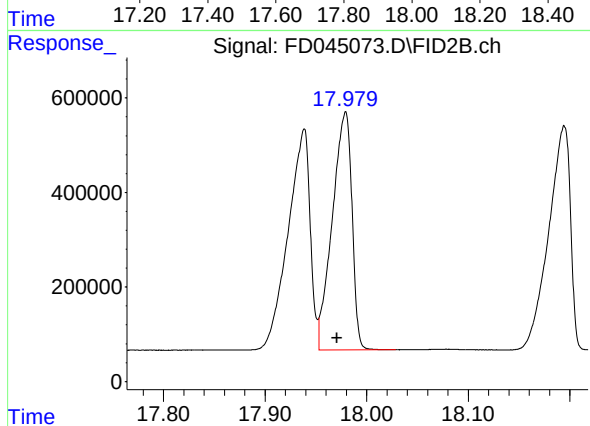
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: 0.004 min
Response: 6567824
Conc: 47.00 ug/ml



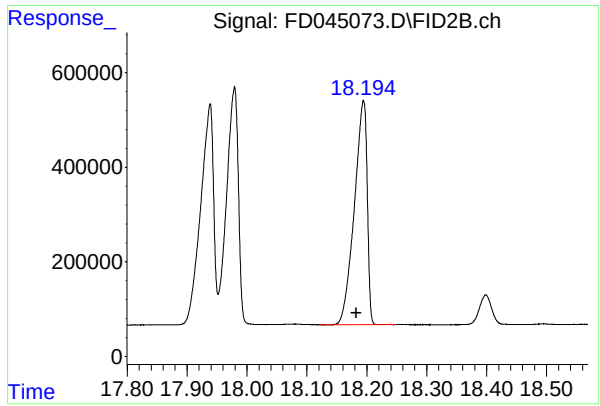
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: 0.009 min
Response: 7049757
Conc: 52.39 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.008 min
Response: 6768830
Conc: 51.08 ug/ml



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

R.T.: 18.194 min

Delta R.T.: 0.012 min

Response: 7047618

Conc: 51.83 ug/ml

Instrument :

FID_D

ClientSampleId :