

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045573.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 21:26
 Operator : YP/AJ
 Sample : 02567-02MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 04:09:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.547	7095438	49.077 ug/ml
Spiked Amount 50.000		Recovery =	98.15%
6) S 2-Fluorobiphenyl (SURR)	8.402	4523912	48.514 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.03%
11) S ortho-Terphenyl (SURR)	11.442	5951631	33.255 ug/ml
Spiked Amount 50.000		Recovery =	66.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	5454645	32.555 ug/ml
2) T Naphthalene (C11.7)	5.884	6075596	35.500 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	5927226	35.034 ug/ml
5) T Acenaphthylene (C15.06)	8.206	6376627	42.151 ug/ml
7) T Acenaphthene (C15.5)	8.502	6756602	41.674 ug/ml
8) T Fluorene (C16.55)	9.281	6492359	42.149 ug/ml
9) T Phenanthrene (C19.36)	10.672	6599527	44.241 ug/ml
10) T Anthracene (C19.43)	10.746	6444183	49.888 ug/ml
12) T Fluoranthene (C21.85)	12.477	6720333	45.662 ug/ml
13) T Pyrene (C20.8)	12.772	6744297	47.015 ug/ml
14) T Benzo[a]anthracene (C...	14.637	6050831	46.174 ug/ml
15) T Chrysene (C27.41)	14.681	5994011	43.909 ug/ml
16) T benzo[b]fluoranthene ...	16.180	6138426	45.972 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	5849697	43.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	5307438	41.478 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	4861898	38.704 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	4663371	34.232 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	5569618	42.513 ug/ml

(f)=RT Delta > 1/2 Window

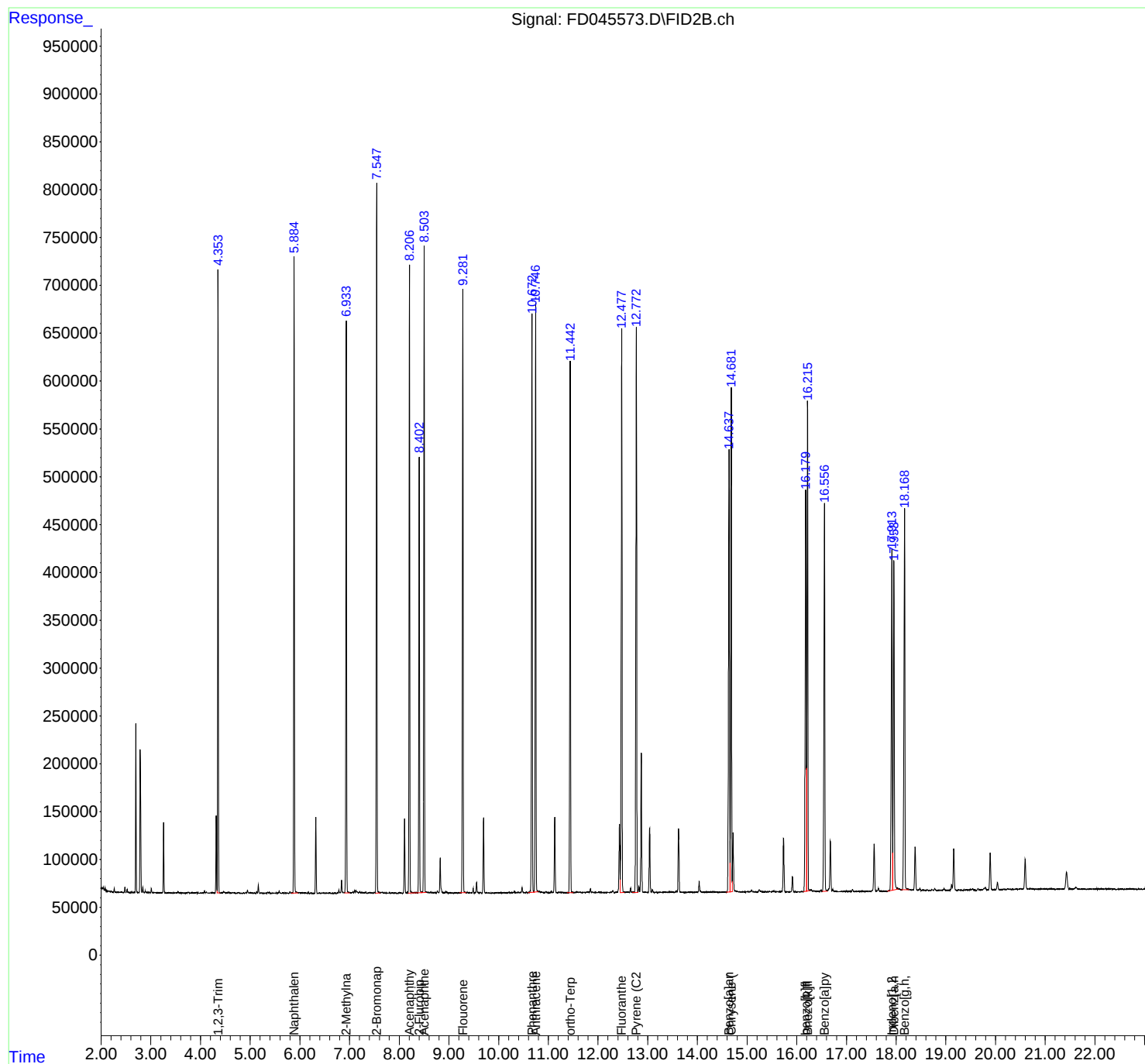
(m)=manual int.

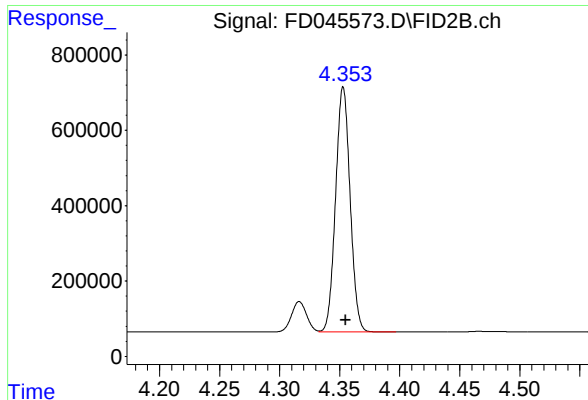
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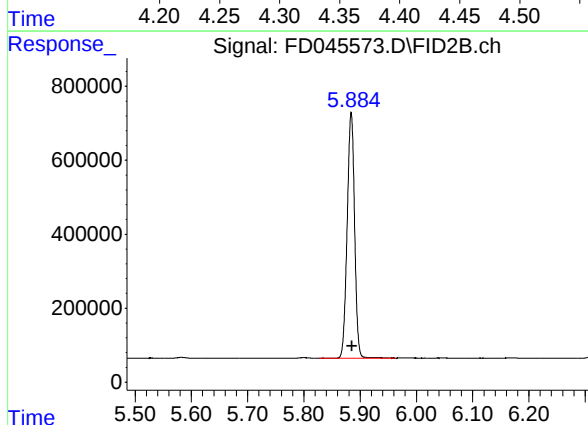




#1 1,2,3-Trimethylbenzene (C10.1)

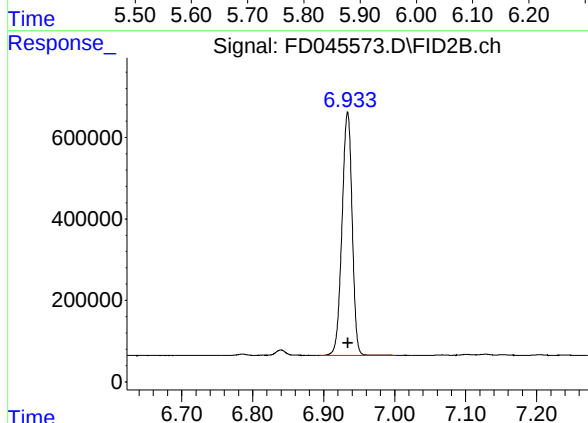
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 5454645
Conc: 32.55 ug/ml

Instrument :
FID_D
ClientSampleId :



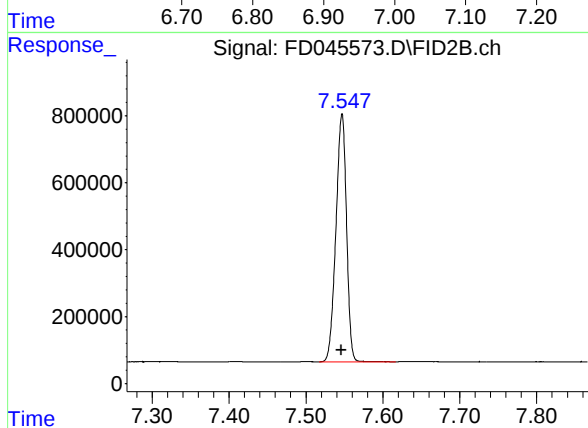
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 6075596
Conc: 35.50 ug/ml



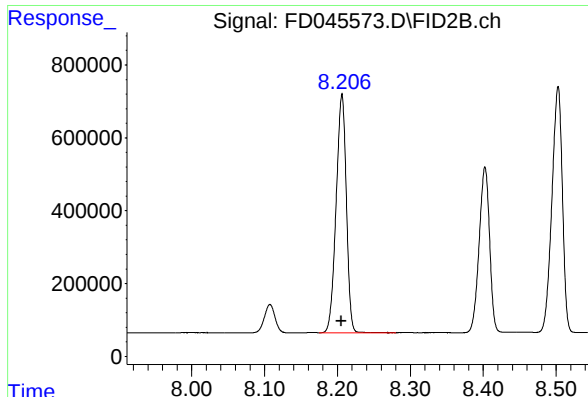
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 5927226
Conc: 35.03 ug/ml



#4 2-Bromonaphthalene (SURR)

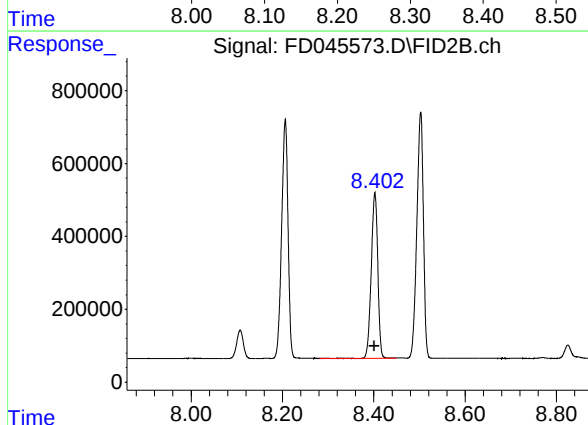
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 7095438
Conc: 49.08 ug/ml



#5 Acenaphthylene (C15.06)

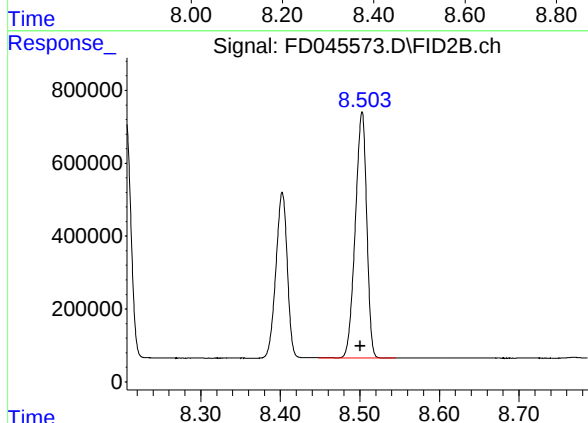
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 6376627
Conc: 42.15 ug/ml

Instrument :
FID_D
ClientSampleId :



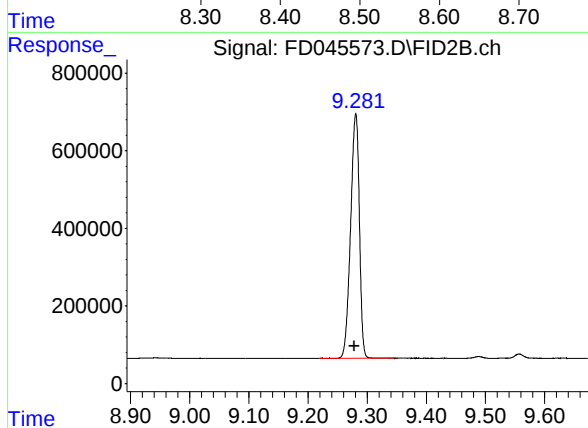
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 4523912
Conc: 48.51 ug/ml



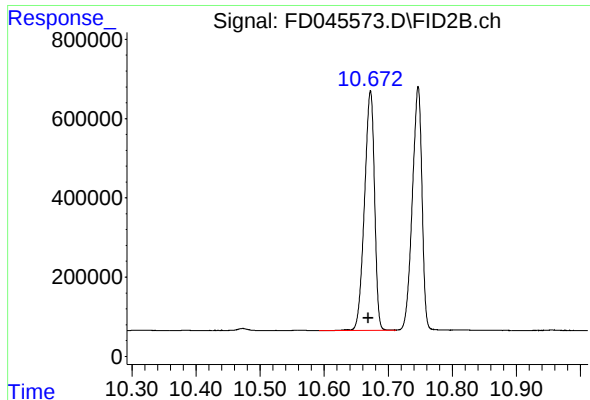
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 6756602
Conc: 41.67 ug/ml



#8 Flouorene (C16.55)

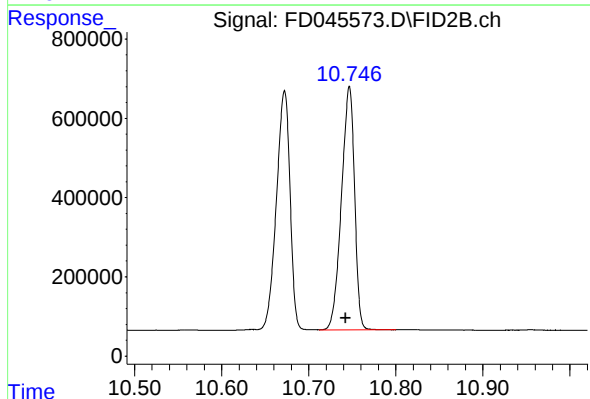
R.T.: 9.281 min
Delta R.T.: 0.002 min
Response: 6492359
Conc: 42.15 ug/ml



#9 Phenanthrene (C19.36)

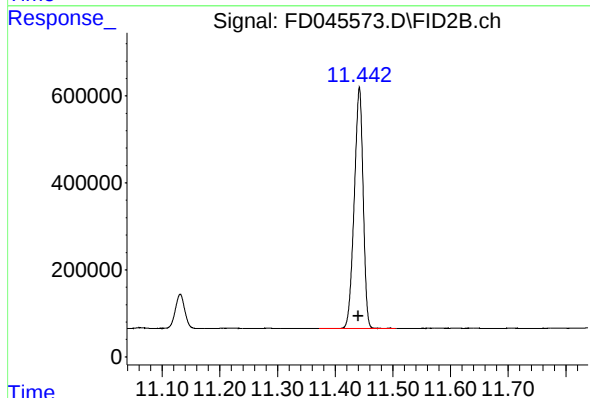
R.T.: 10.672 min
Delta R.T.: 0.003 min
Response: 6599527
Conc: 44.24 ug/ml

Instrument :
FID_D
ClientSampleId :



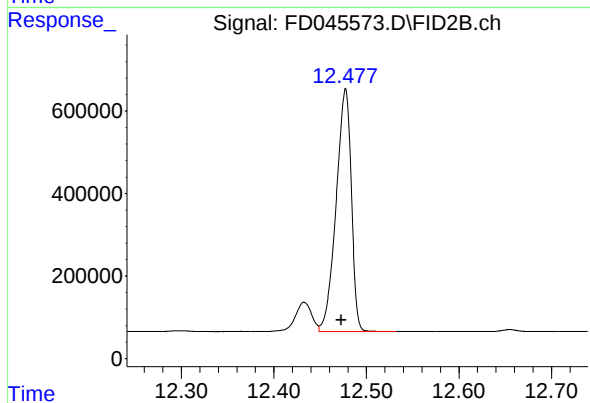
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.004 min
Response: 6444183
Conc: 49.89 ug/ml



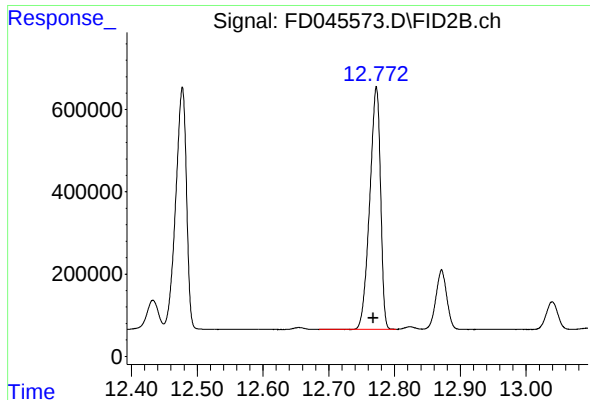
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 5951631
Conc: 33.26 ug/ml



#12 Fluoranthene (C21.85)

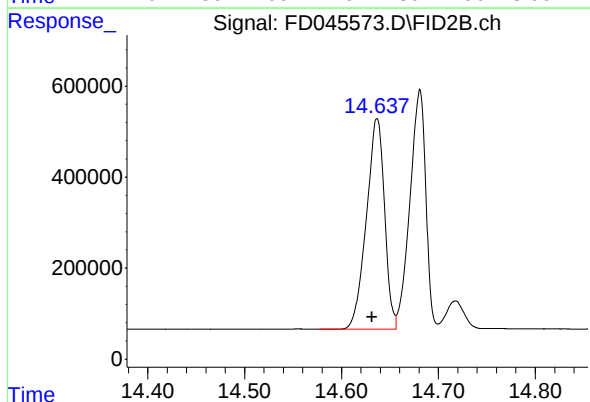
R.T.: 12.477 min
Delta R.T.: 0.004 min
Response: 6720333
Conc: 45.66 ug/ml



#13 Pyrene (C20.8)

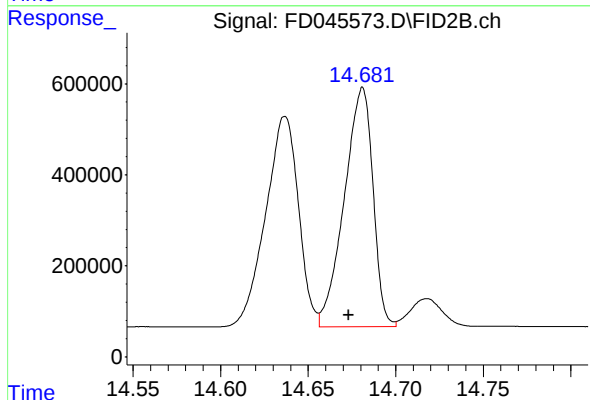
R.T.: 12.772 min
Delta R.T.: 0.005 min
Response: 6744297
Conc: 47.01 ug/ml

Instrument :
FID_D
ClientSampleId :



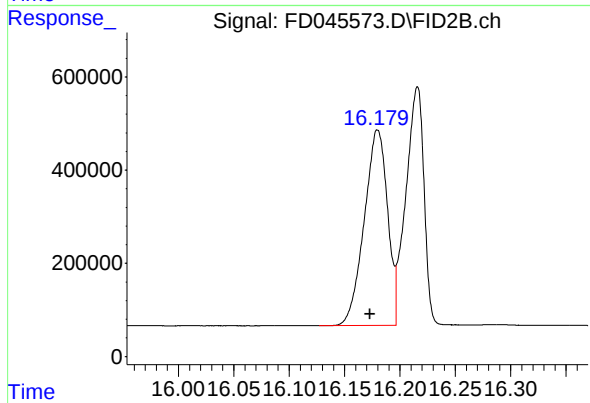
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.005 min
Response: 6050831
Conc: 46.17 ug/ml



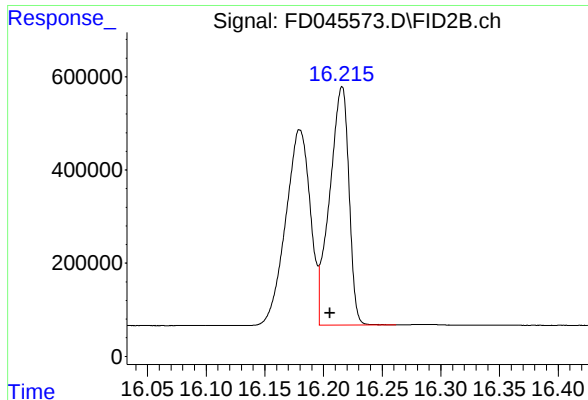
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.008 min
Response: 5994011
Conc: 43.91 ug/ml



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

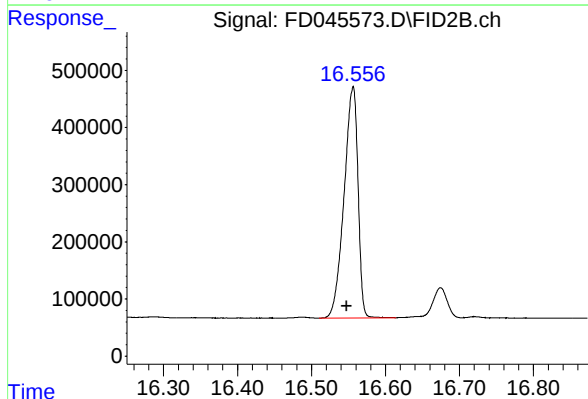
R.T.: 16.180 min
Delta R.T.: 0.007 min
Response: 6138426
Conc: 45.97 ug/ml



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

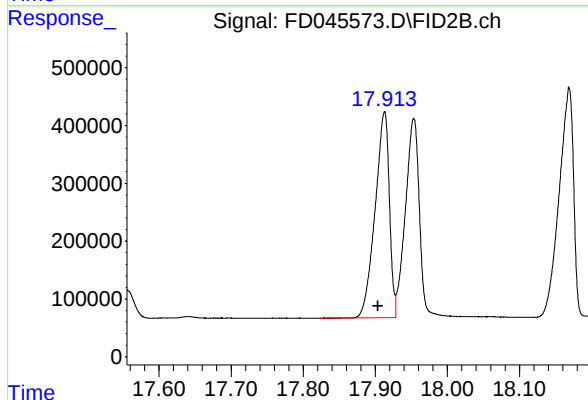
R.T.: 16.215 min
Delta R.T.: 0.010 min
Response: 5849697
Conc: 43.73 ug/ml

Instrument :
FID_D
ClientSampleId :



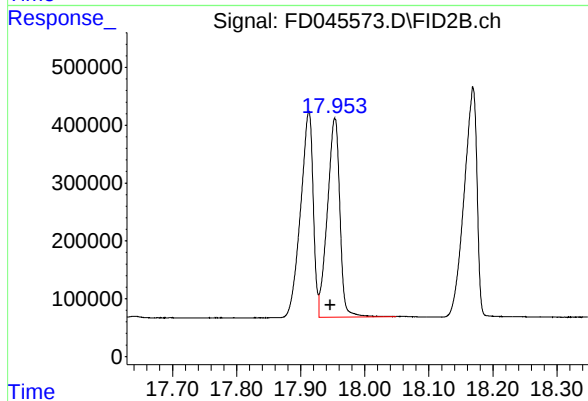
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.008 min
Response: 5307438
Conc: 41.48 ug/ml



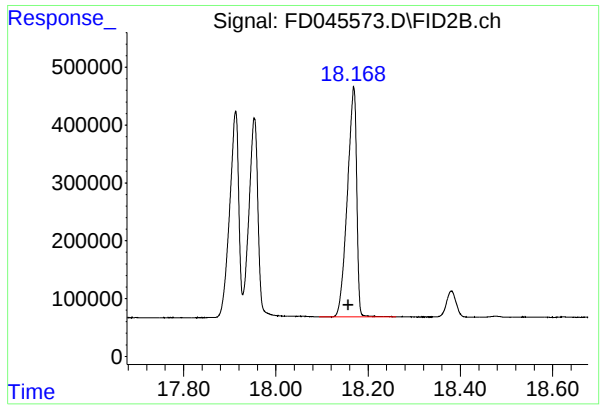
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: 0.008 min
Response: 4861898
Conc: 38.70 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.007 min
Response: 4663371
Conc: 34.23 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.011 min
Response: 5569618
Conc: 42.51 ug/ml

Instrument :

FID_D

ClientSampleId :