

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046087.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 14:55
 Operator : YP/AJ
 Sample : PB154030BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 05:37:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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

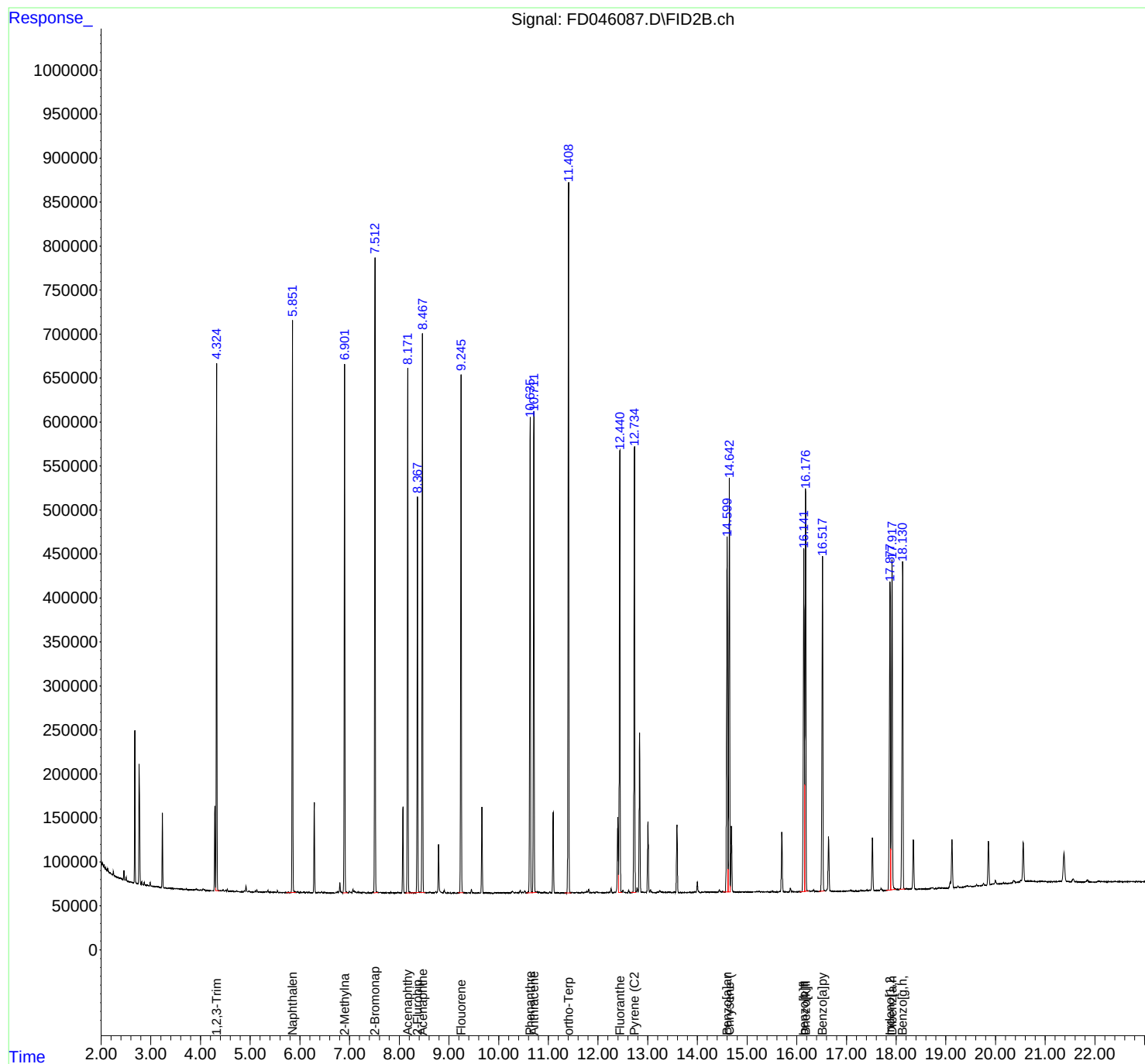
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.513	6855431	31.812 ug/ml
Spiked Amount 50.000		Recovery =	63.62%
6) S 2-Fluorobiphenyl (SURR)	8.368	4306178	31.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.23%
11) S ortho-Terphenyl (SURR)	11.408	8677904	34.230 ug/ml
Spiked Amount 50.000		Recovery =	68.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	5080719	20.396 ug/ml
2) T Naphthalene (C11.7)	5.851	5701992	22.350 ug/ml
3) T 2-Methylnaphthalene (...)	6.901	5677810	22.523 ug/ml
5) T Acenaphthylene (C15.06)	8.172	5984362	27.553 ug/ml
7) T Acenaphthene (C15.5)	8.467	6241347	26.478 ug/ml
8) T Fluorene (C16.55)	9.245	6025299	26.630 ug/ml
9) T Phenanthrene (C19.36)	10.635	5837356	27.357 ug/ml
10) T Anthracene (C19.43)	10.710	5754656	36.217 ug/ml
12) T Fluoranthene (C21.85)	12.440	5651576	27.616 ug/ml
13) T Pyrene (C20.8)	12.734	5662927	29.125 ug/ml
14) T Benzo[a]anthracene (C...	14.599	5338350	29.683 ug/ml
15) T Chrysene (C27.41)	14.642	5314004	27.074 ug/ml
16) T benzo[b]fluoranthene ...	16.142	5627011	30.002 ug/ml
17) T Bnezo[k]fluoranthene ...	16.176	5394796	27.273 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	4931000	28.302 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	5031411	27.035 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	4939607	26.867 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	5176527	27.704 ug/ml

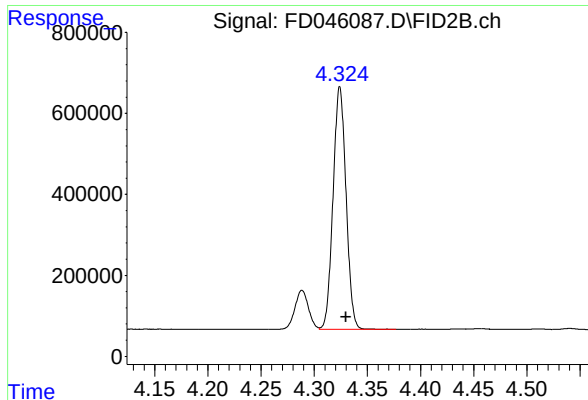
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

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

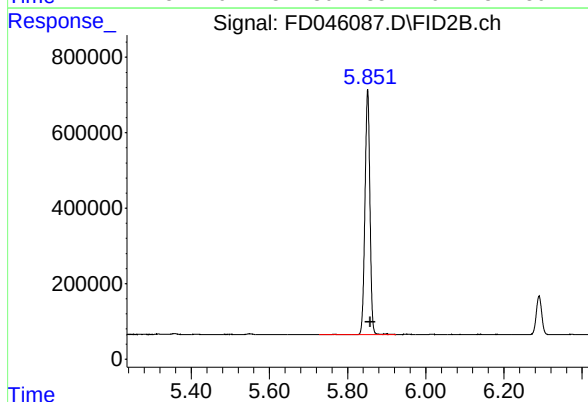




#1 1,2,3-Trimethylbenzene (C10.1)

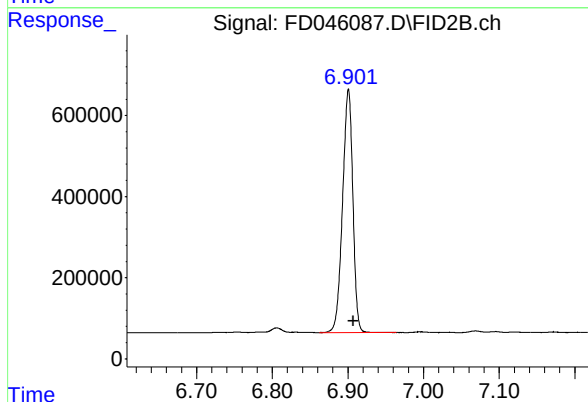
R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 5080719
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



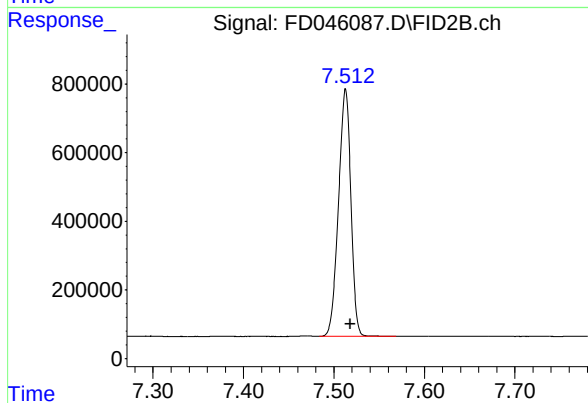
#2 Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.007 min
Response: 5701992
Conc: 22.35 ug/ml



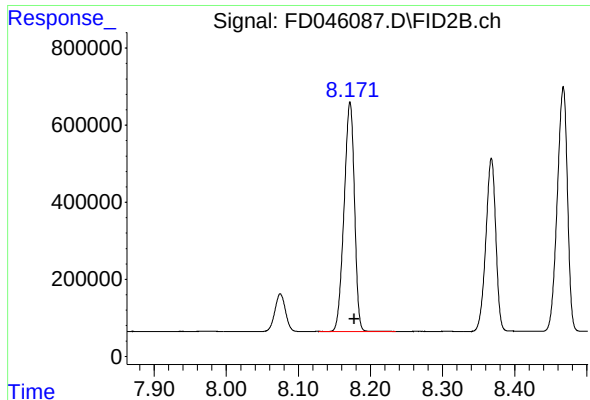
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 5677810
Conc: 22.52 ug/ml



#4 2-Bromonaphthalene (SURR)

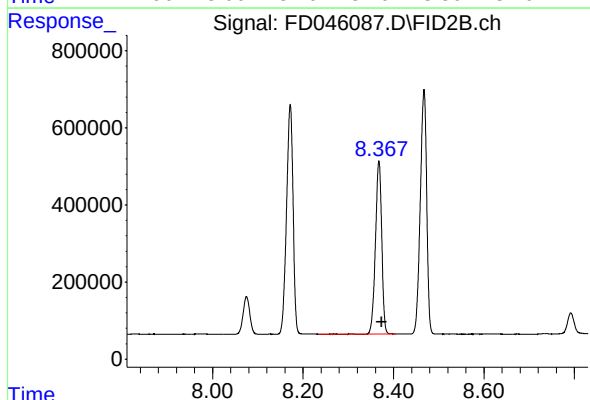
R.T.: 7.513 min
Delta R.T.: -0.006 min
Response: 6855431
Conc: 31.81 ug/ml



#5 Acenaphthylene (C15.06)

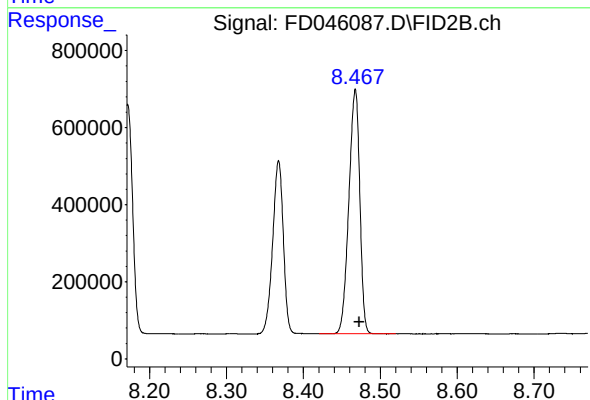
R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 5984362
Conc: 27.55 ug/ml

Instrument :
FID_D
ClientSampleId :



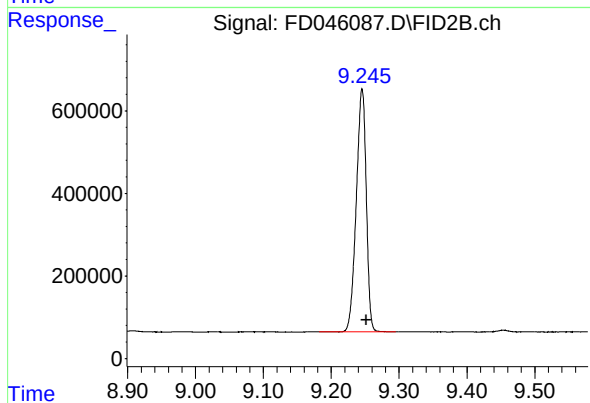
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.368 min
Delta R.T.: -0.006 min
Response: 4306178
Conc: 31.11 ug/ml



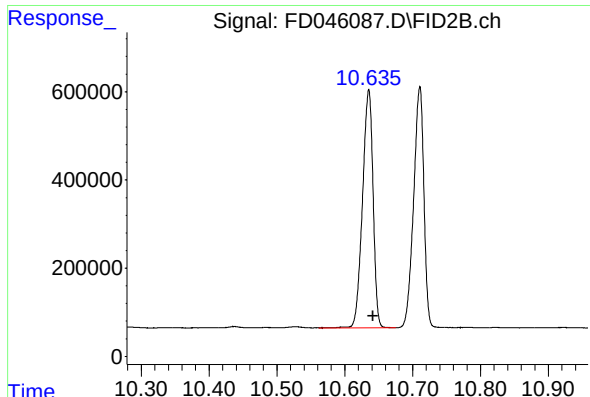
#7 Acenaphthene (C15.5)

R.T.: 8.467 min
Delta R.T.: -0.006 min
Response: 6241347
Conc: 26.48 ug/ml



#8 Flouorene (C16.55)

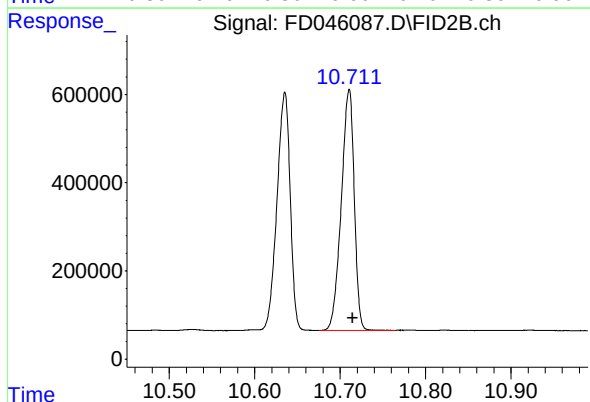
R.T.: 9.245 min
Delta R.T.: -0.006 min
Response: 6025299
Conc: 26.63 ug/ml



#9 Phenanthrene (C19.36)

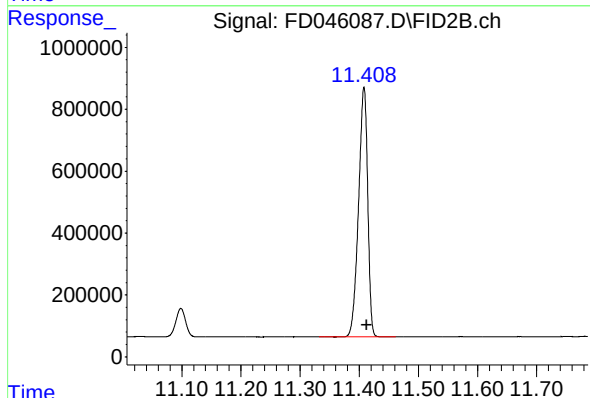
R.T.: 10.635 min
Delta R.T.: -0.006 min
Response: 5837356
Conc: 27.36 ug/ml

Instrument :
FID_D
ClientSampleId :



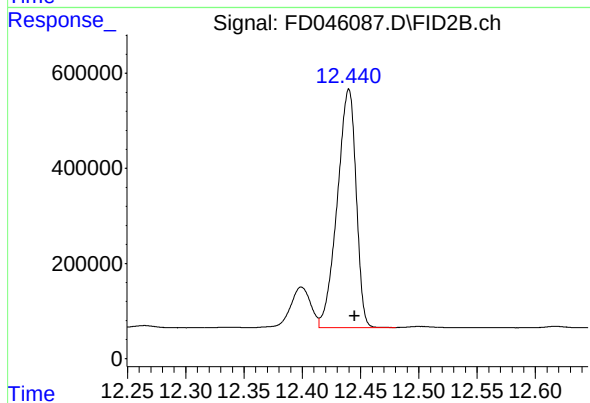
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: -0.005 min
Response: 5754656
Conc: 36.22 ug/ml



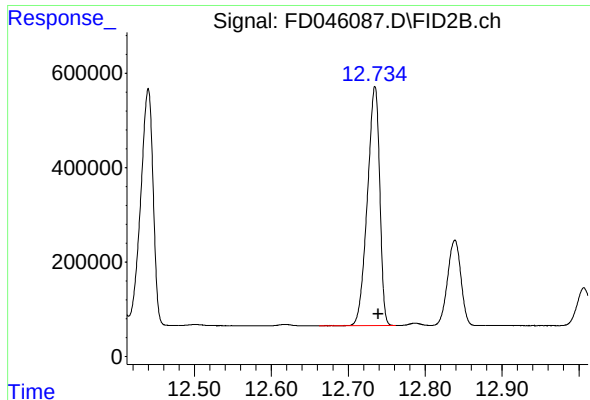
#11 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: -0.005 min
Response: 8677904
Conc: 34.23 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.440 min
Delta R.T.: -0.005 min
Response: 5651576
Conc: 27.62 ug/ml



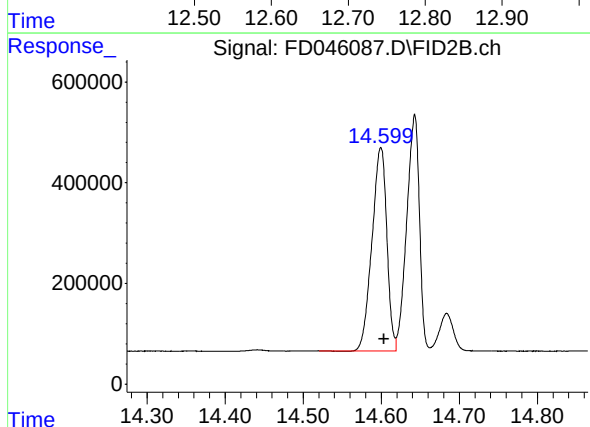
#13 Pyrene (C20.8)

R.T.: 12.734 min
Delta R.T.: -0.005 min
Response: 5662927
Conc: 29.12 ug/ml

Instrument :

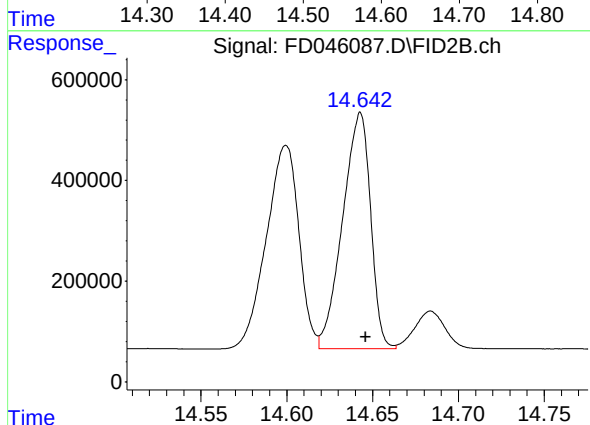
FID_D

ClientSampleId :



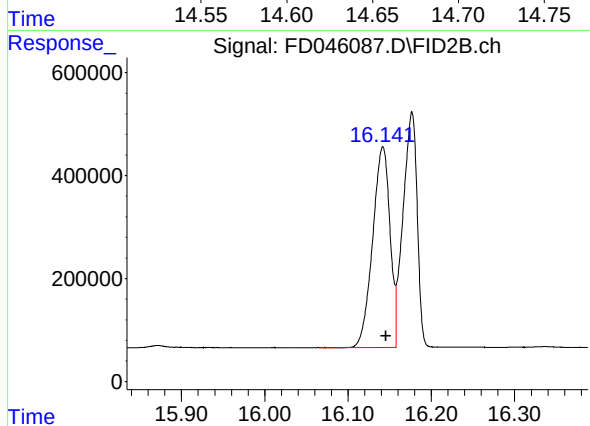
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: -0.004 min
Response: 5338350
Conc: 29.68 ug/ml



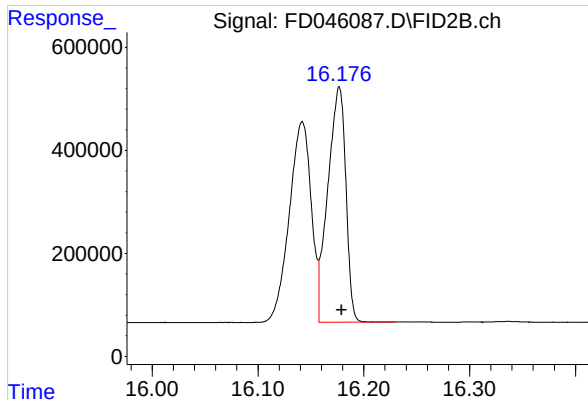
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 5314004
Conc: 27.07 ug/ml



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

R.T.: 16.142 min
Delta R.T.: -0.004 min
Response: 5627011
Conc: 30.00 ug/ml



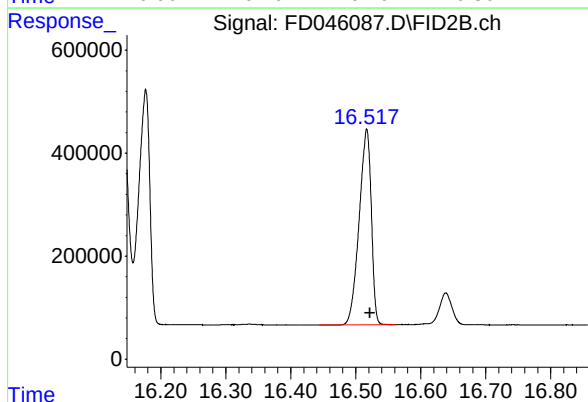
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.176 min
Delta R.T.: -0.003 min
Response: 5394796
Conc: 27.27 ug/ml

Instrument :

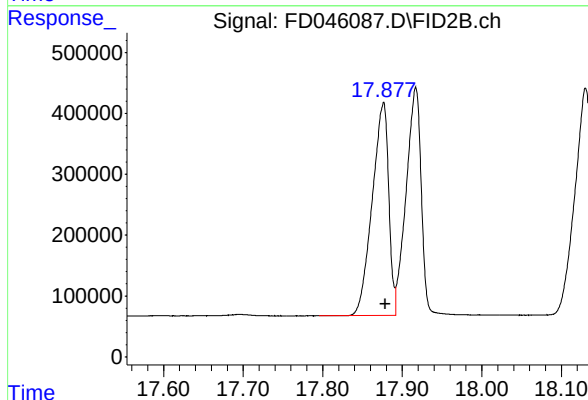
FID_D

ClientSampleId :



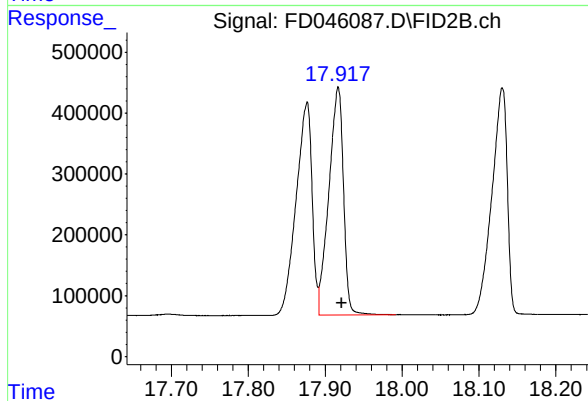
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: -0.005 min
Response: 4931000
Conc: 28.30 ug/ml



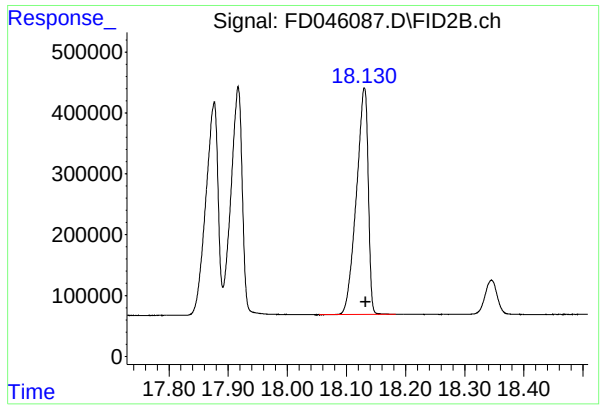
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.003 min
Response: 5031411
Conc: 27.04 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.005 min
Response: 4939607
Conc: 26.87 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.003 min
Response: 5176527
Conc: 27.70 ug/ml

Instrument :

FID_D

ClientSampleId :