

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047010.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 16:44
 Operator : YP/AJ
 Sample : PB157606BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 23:26:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	7929713	45.835 ug/ml
Spiked Amount 50.000		Recovery =	91.67%
6) S 2-Fluorobiphenyl (SURR)	8.328	3802159	34.965 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.93%
11) S ortho-Terphenyl (SURR)	11.368	8792240	44.183 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	4645672	24.968 ug/ml
2) T Naphthalene (C11.7)	5.814	5828917	30.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	6185718	32.121 ug/ml
5) T Acenaphthylene (C15.06)	8.133	7451063	42.804 ug/ml
7) T Acenaphthene (C15.5)	8.428	7064430	38.093 ug/ml
8) T Fluorene (C16.55)	9.207	7888013	45.698 ug/ml
9) T Phenanthrene (C19.36)	10.597	8144769	49.607 ug/ml
10) T Anthracene (C19.43)	10.672	7811773	50.516 ug/ml
12) T Fluoranthene (C21.85)	12.401	8377611	52.857 ug/ml
13) T Pyrene (C20.8)	12.696	8342443	54.525 ug/ml
14) T Benzo[a]anthracene (C...	14.559	7275282	56.109 ug/ml
15) T Chrysene (C27.41)	14.603	7318836	51.061 ug/ml
16) T benzo[b]fluoranthene ...	16.103	7229286	54.124 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	6956600	50.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	6627569	50.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	6439450	53.968 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	5991786	46.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	6257492	47.826 ug/ml

(f)=RT Delta > 1/2 Window

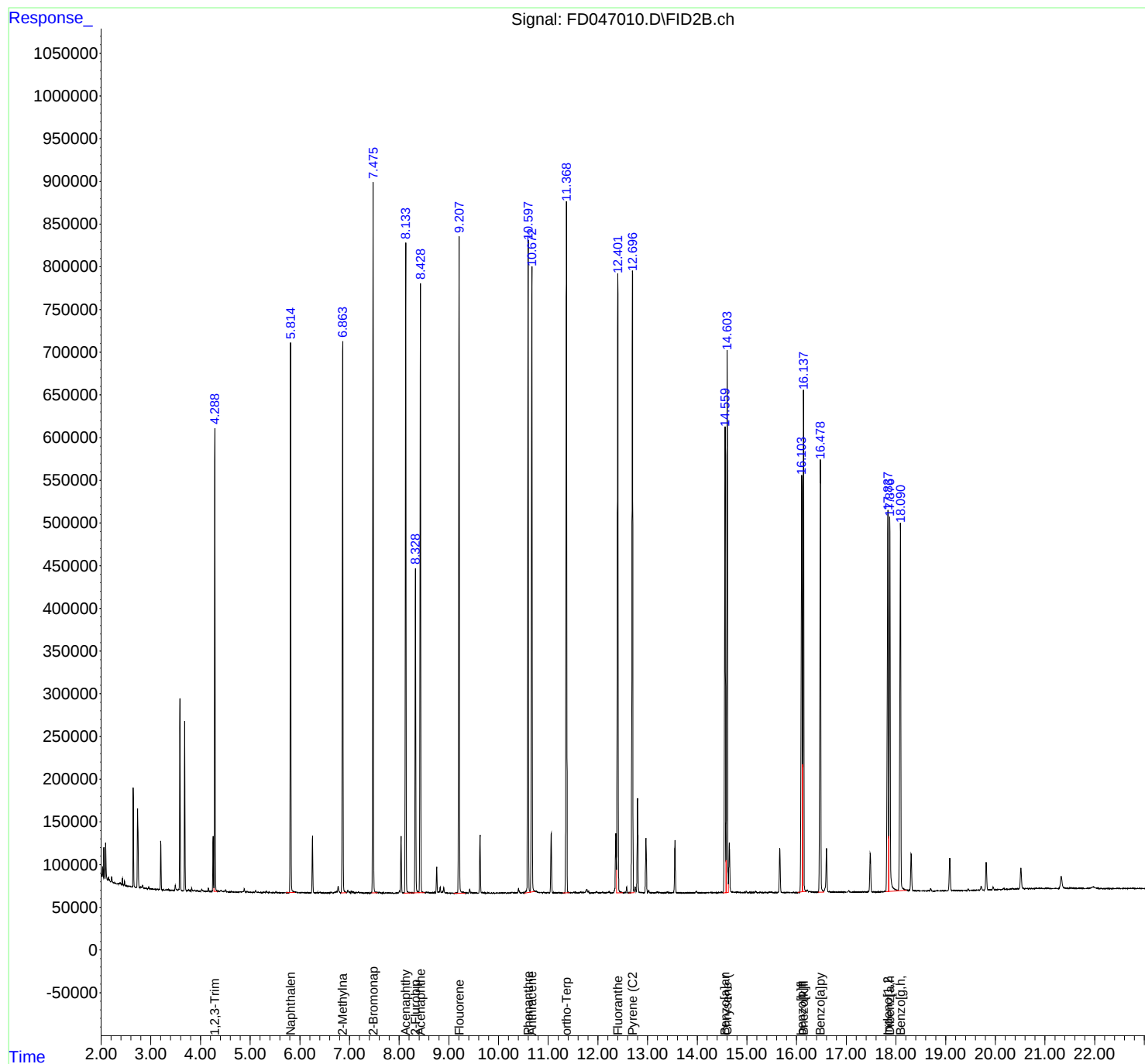
(m)=manual int.

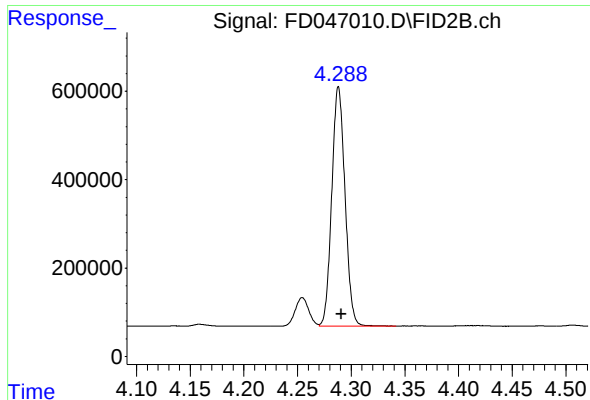
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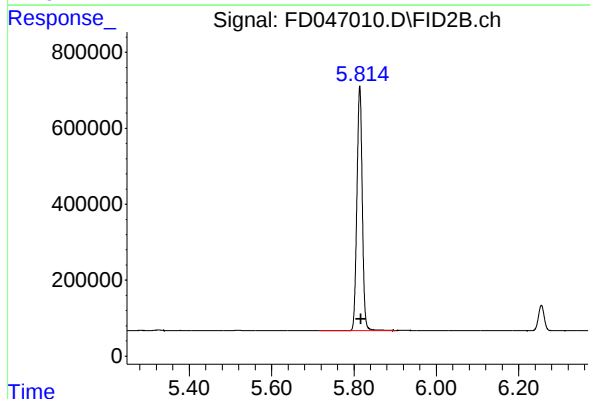
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 4645672
Conc: 24.97 ug/ml

Instrument :

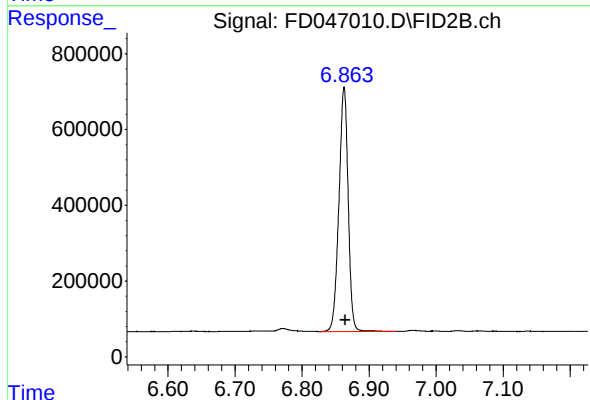
FID_D

ClientSampleId :



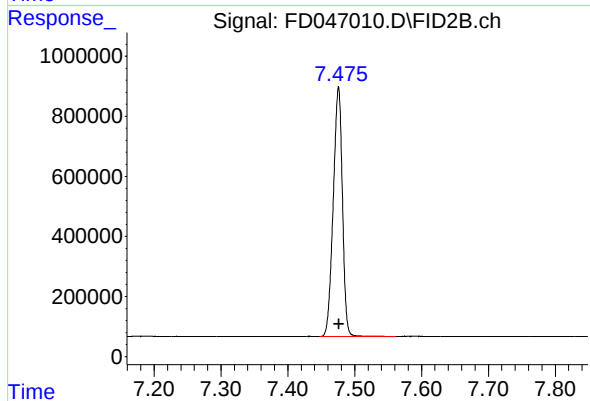
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 5828917
Conc: 30.61 ug/ml



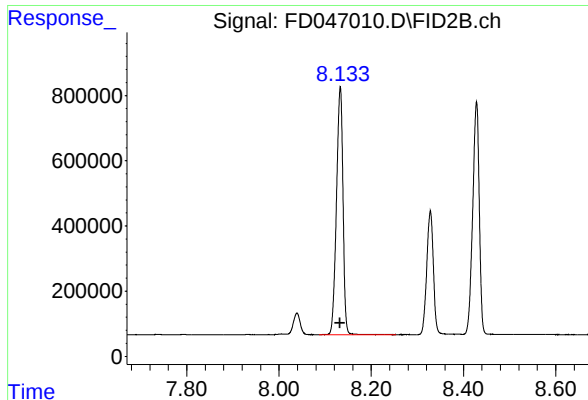
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 6185718
Conc: 32.12 ug/ml



#4 2-Bromonaphthalene (SURR)

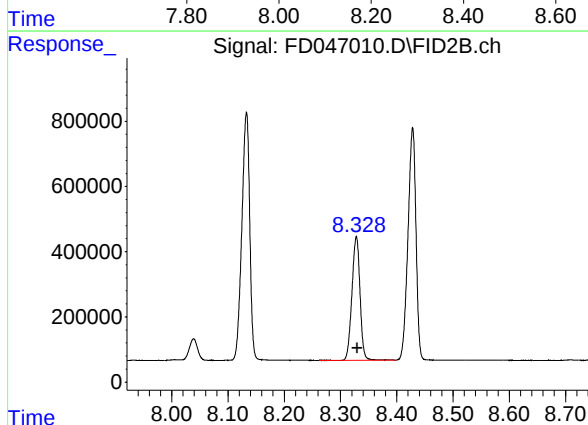
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 7929713
Conc: 45.84 ug/ml



#5 Acenaphthylene (C15.06)

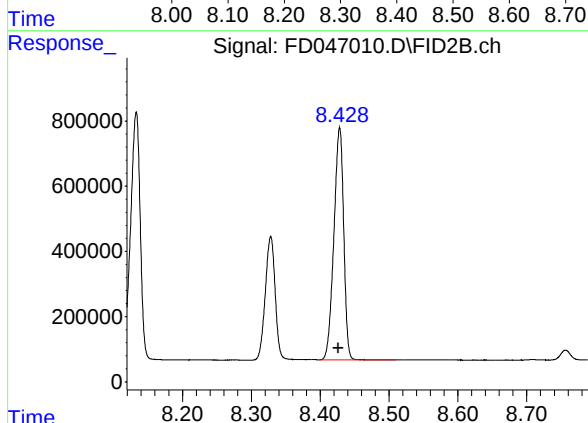
R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 7451063
Conc: 42.80 ug/ml

Instrument :
FID_D
ClientSampleId :



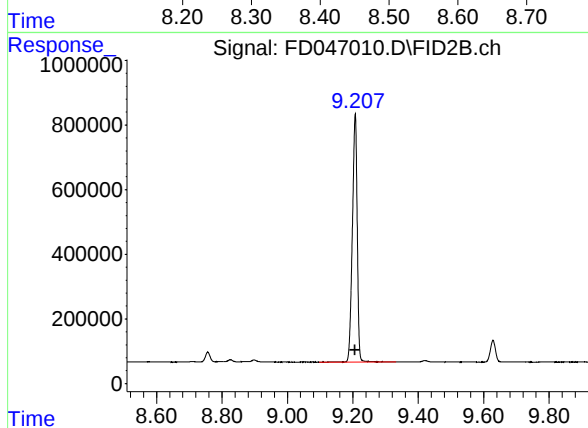
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 3802159
Conc: 34.97 ug/ml



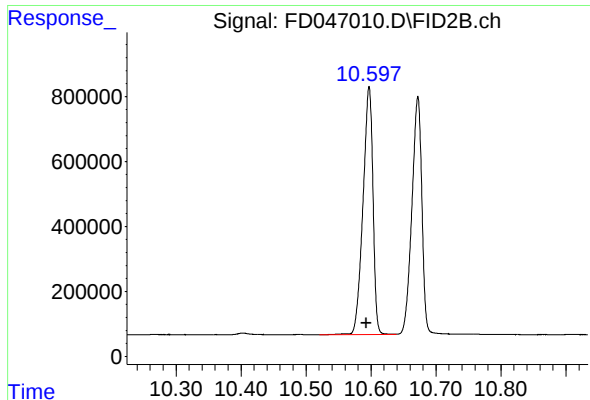
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: 0.002 min
Response: 7064430
Conc: 38.09 ug/ml



#8 Flouorene (C16.55)

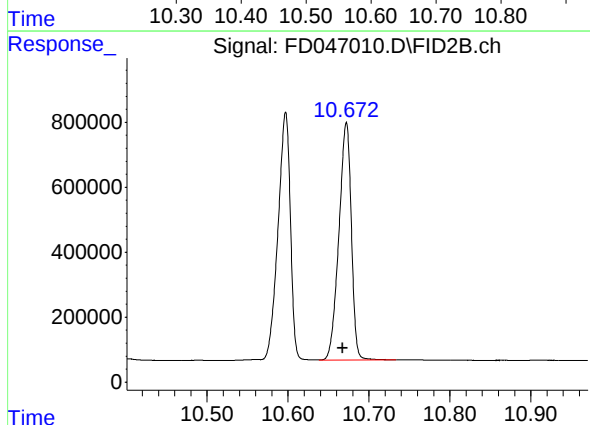
R.T.: 9.207 min
Delta R.T.: 0.001 min
Response: 7888013
Conc: 45.70 ug/ml



#9 Phenanthrene (C19.36)

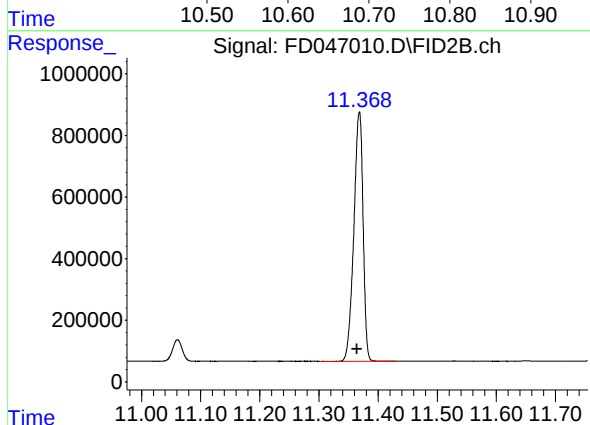
R.T.: 10.597 min
Delta R.T.: 0.004 min
Response: 8144769
Conc: 49.61 ug/ml

Instrument :
FID_D
ClientSampleId :



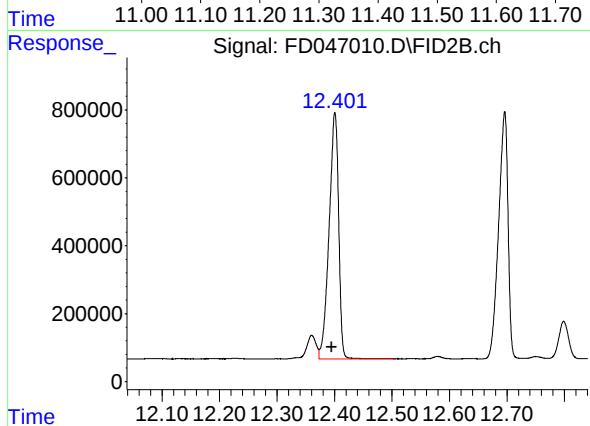
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.004 min
Response: 7811773
Conc: 50.52 ug/ml



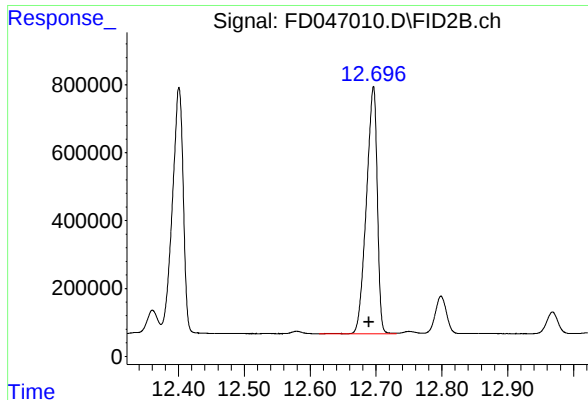
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 8792240
Conc: 44.18 ug/ml



#12 Fluoranthene (C21.85)

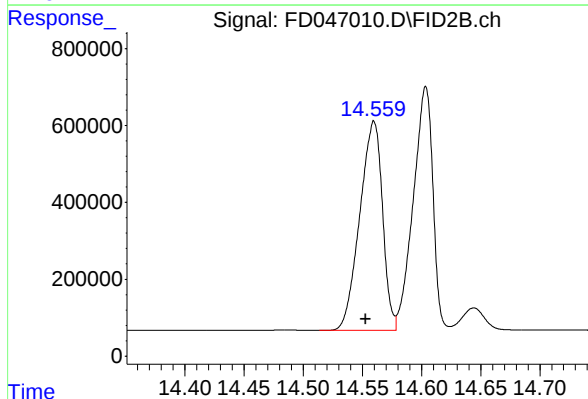
R.T.: 12.401 min
Delta R.T.: 0.005 min
Response: 8377611
Conc: 52.86 ug/ml



#13 Pyrene (C20.8)

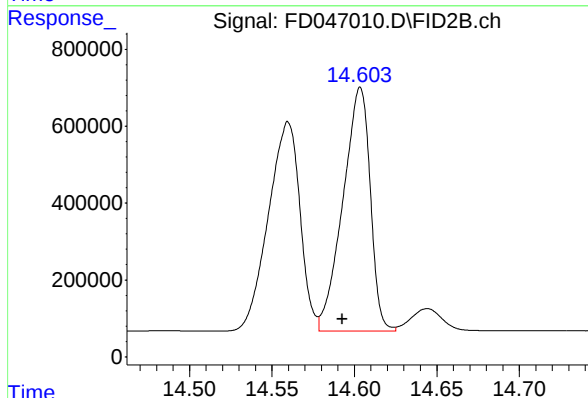
R.T.: 12.696 min
Delta R.T.: 0.006 min
Response: 8342443
Conc: 54.52 ug/ml

Instrument :
FID_D
ClientSampleId :



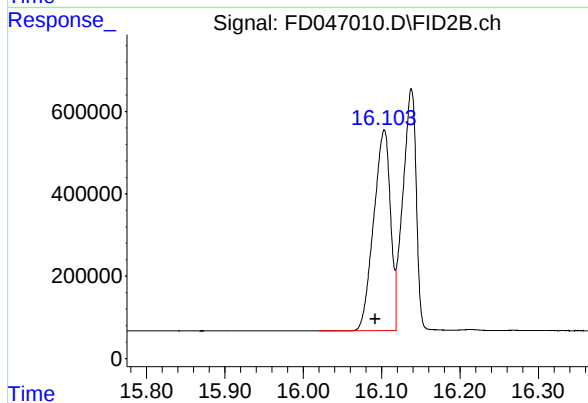
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: 0.007 min
Response: 7275282
Conc: 56.11 ug/ml



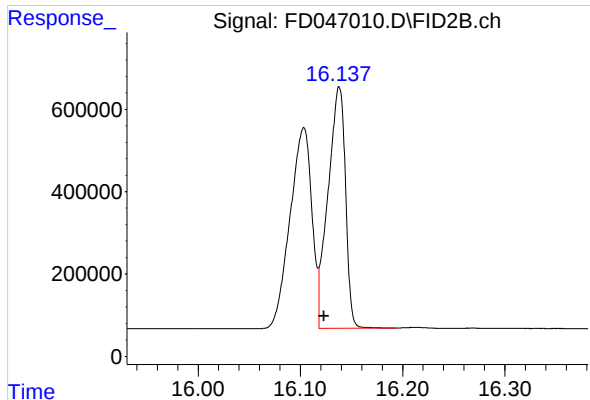
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: 0.010 min
Response: 7318836
Conc: 51.06 ug/ml



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

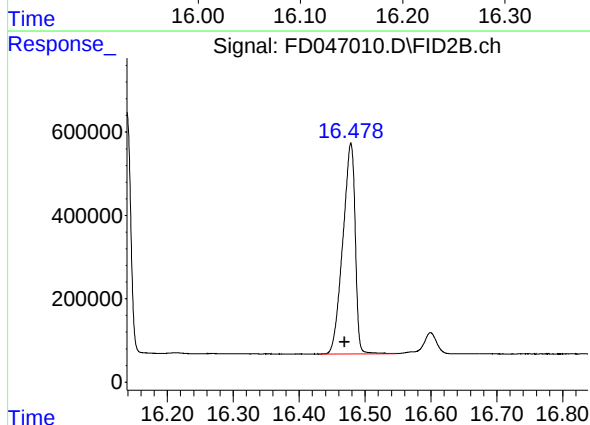
R.T.: 16.103 min
Delta R.T.: 0.011 min
Response: 7229286
Conc: 54.12 ug/ml



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

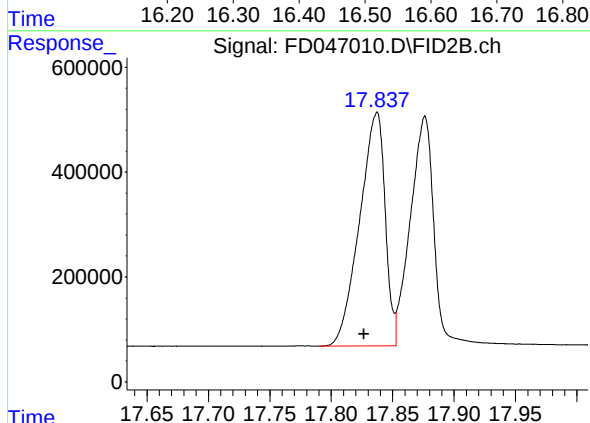
R.T.: 16.138 min
Delta R.T.: 0.015 min
Response: 6956600
Conc: 50.92 ug/ml

Instrument :
FID_D
ClientSampleId :



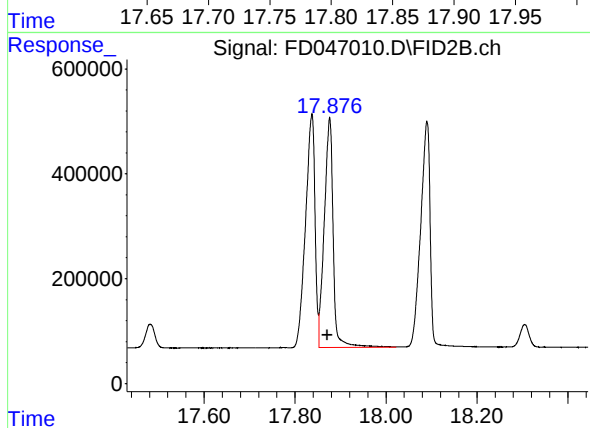
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.009 min
Response: 6627569
Conc: 50.59 ug/ml



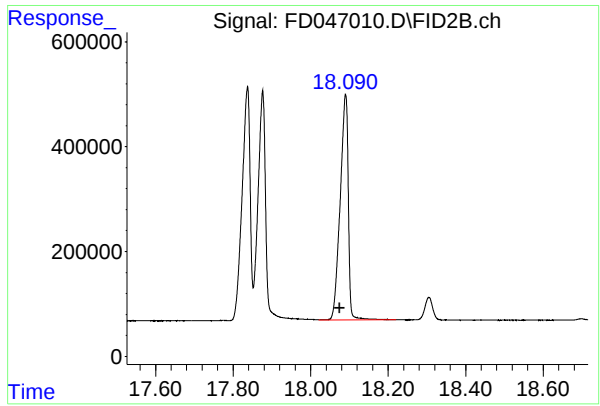
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.010 min
Response: 6439450
Conc: 53.97 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 5991786
Conc: 46.11 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.015 min
Response: 6257492
Conc: 47.83 ug/ml

Instrument :

FID_D

ClientSampleId :