

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047015.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 20:00
 Operator : YP/AJ
 Sample : 05639-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 23:27:20 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...	7.477	9964781	57.598 ug/ml
Spiked Amount 50.000		Recovery =	115.20%
6) S 2-Fluorobiphenyl (SURR)	8.329	4118174	37.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.74%
11) S ortho-Terphenyl (SURR)	11.368	8371609	42.069 ug/ml
Spiked Amount 50.000		Recovery =	84.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	4967964	26.700 ug/ml
2) T Naphthalene (C11.7)	5.814	6071651	31.884 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	6745853	35.030 ug/ml
5) T Acenaphthylene (C15.06)	8.133	7627488	43.817 ug/ml
7) T Acenaphthene (C15.5)	8.429	7529049	40.598 ug/ml
8) T Fluorene (C16.55)	9.207	7932489	45.955 ug/ml
9) T Phenanthrene (C19.36)	10.597	8266579	50.349 ug/ml
10) T Anthracene (C19.43)	10.672	7272274	47.027 ug/ml
12) T Fluoranthene (C21.85)	12.402	8324688	52.523 ug/ml
13) T Pyrene (C20.8)	12.697	8064062	52.706 ug/ml
14) T Benzo[a]anthracene (C...	14.561	6782565	52.309 ug/ml
15) T Chrysene (C27.41)	14.604	6767971	47.218 ug/ml
16) T benzo[b]fluoranthene ...	16.106	6512771	48.759 ug/ml
17) T Bnezo[k]fluoranthene ...	16.139	6075787	44.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	5538731	42.277 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	5839171	48.937 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	5503422	42.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	5131202	39.217 ug/ml

(f)=RT Delta > 1/2 Window

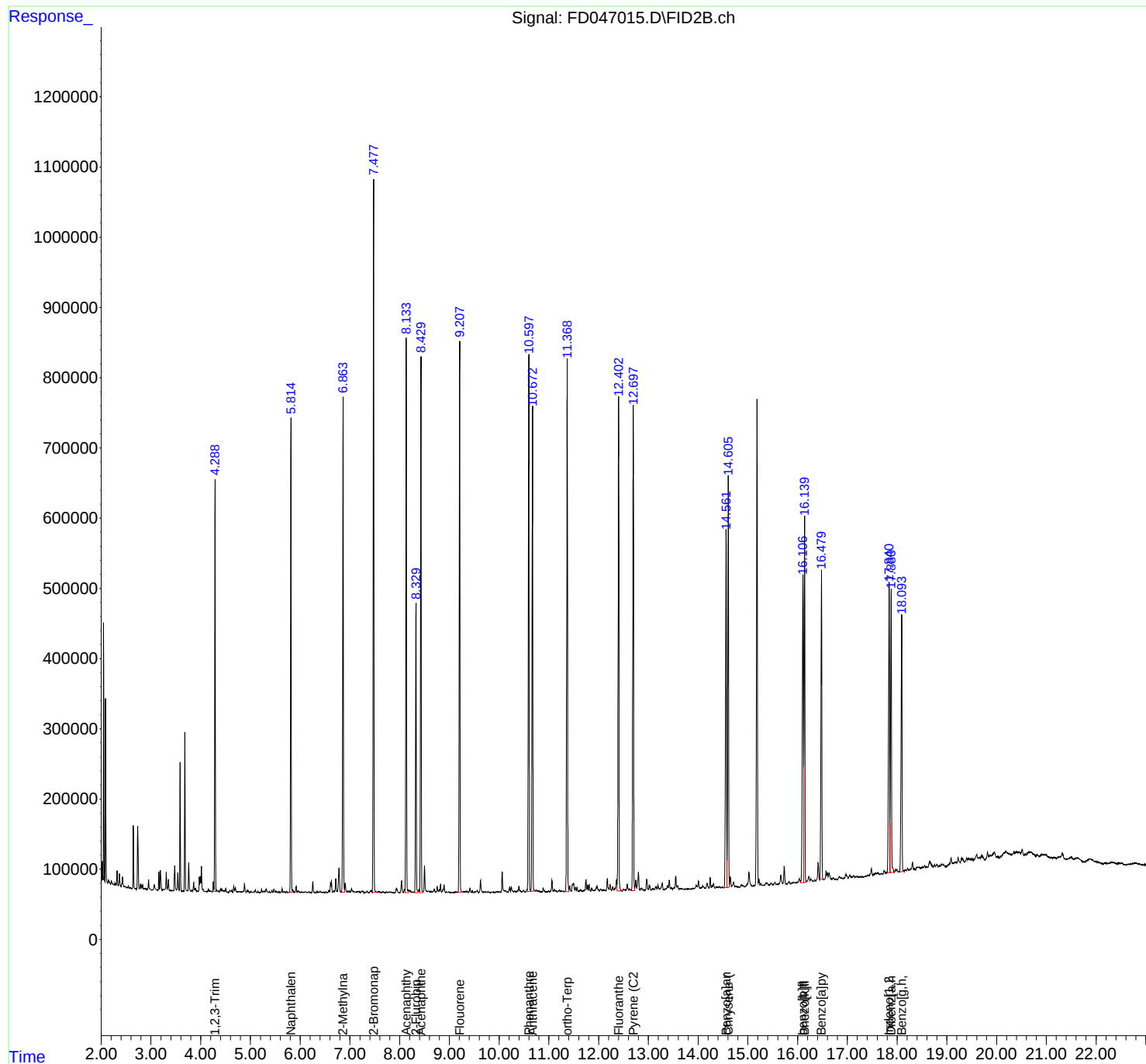
(m)=manual int.

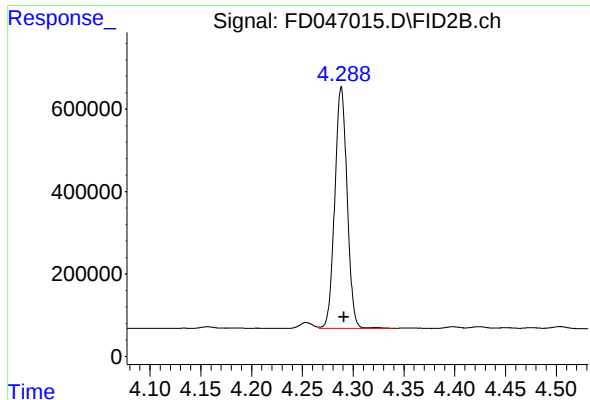
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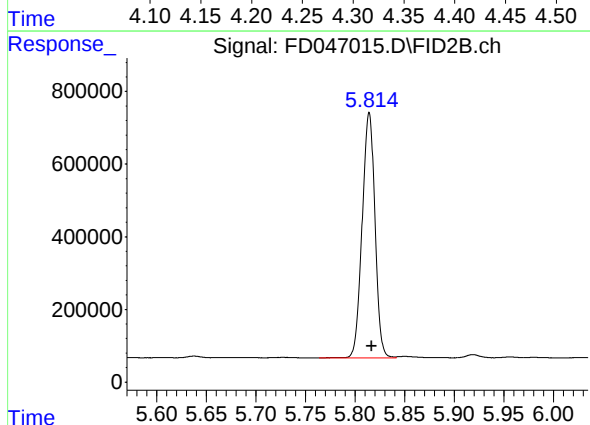




#1 1,2,3-Trimethylbenzene (C10.1)

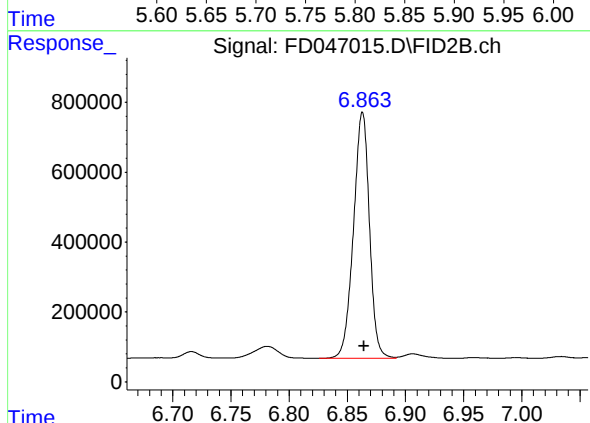
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 4967964
Conc: 26.70 ug/ml

Instrument :
FID_D
ClientSampleId :



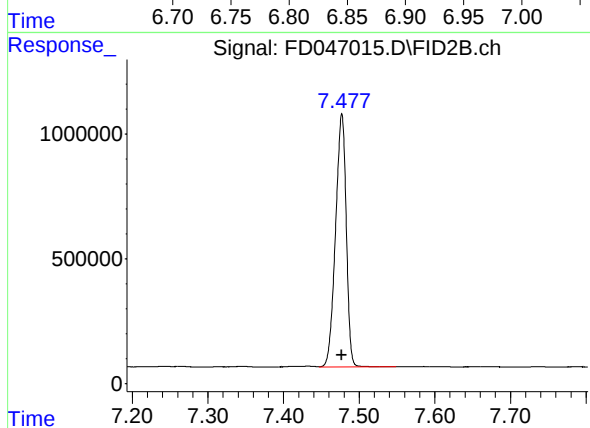
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 6071651
Conc: 31.88 ug/ml



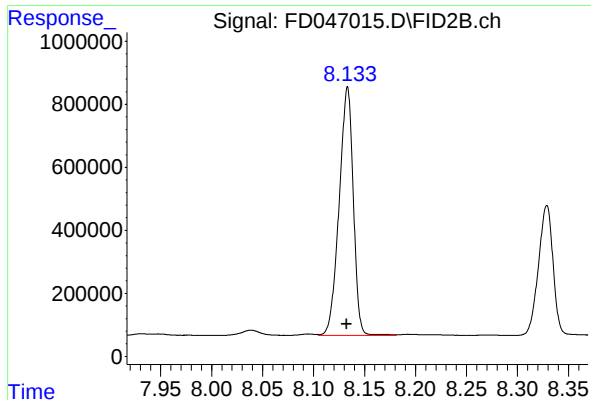
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.001 min
Response: 6745853
Conc: 35.03 ug/ml



#4 2-Bromonaphthalene (SURR)

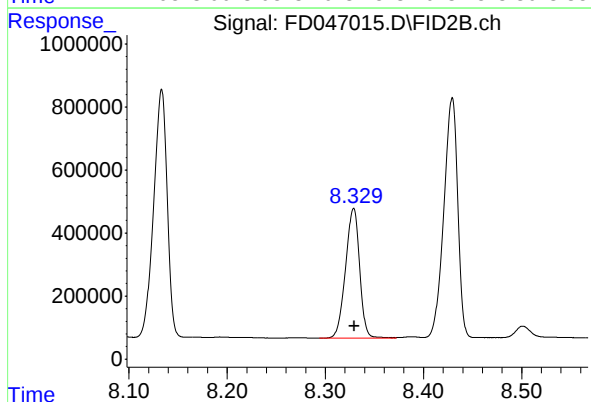
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 9964781
Conc: 57.60 ug/ml



#5 Acenaphthylene (C15.06)

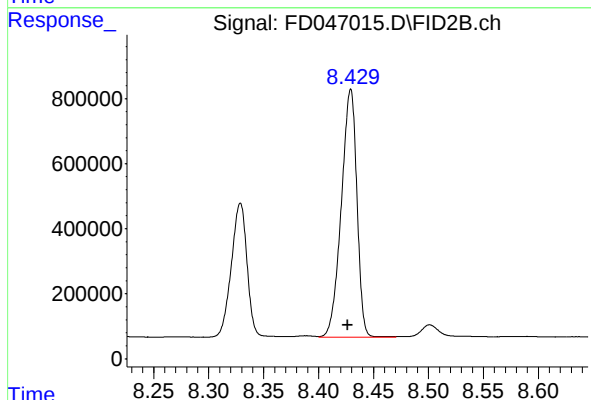
R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 7627488
Conc: 43.82 ug/ml

Instrument :
FID_D
ClientSampleId :



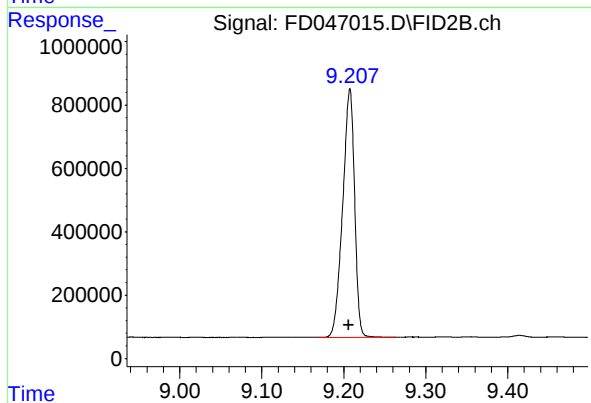
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 4118174
Conc: 37.87 ug/ml



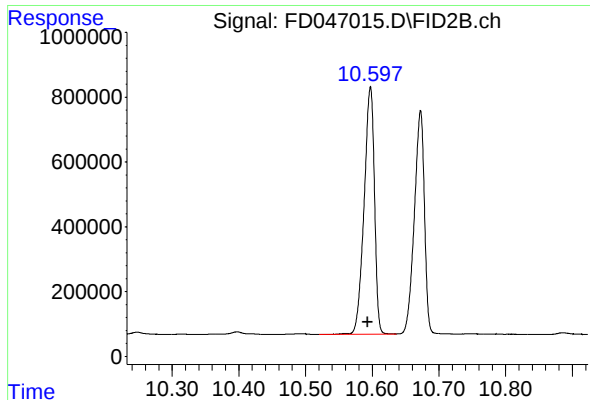
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 7529049
Conc: 40.60 ug/ml



#8 Flouorene (C16.55)

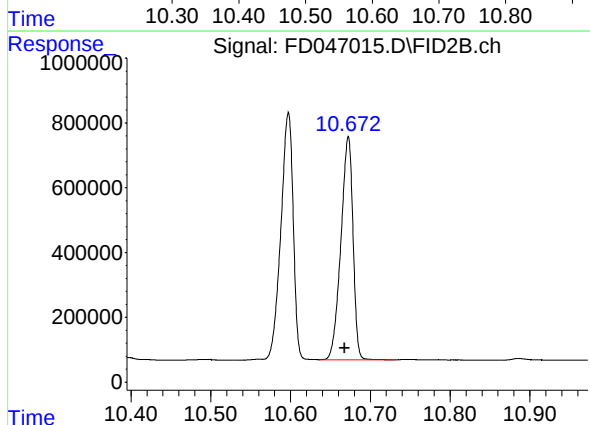
R.T.: 9.207 min
Delta R.T.: 0.001 min
Response: 7932489
Conc: 45.96 ug/ml



#9 Phenanthrene (C19.36)

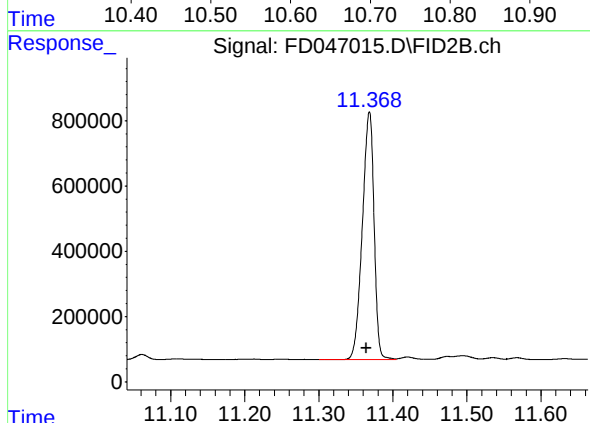
R.T.: 10.597 min
Delta R.T.: 0.004 min
Response: 8266579
Conc: 50.35 ug/ml

Instrument :
FID_D
ClientSampleId :



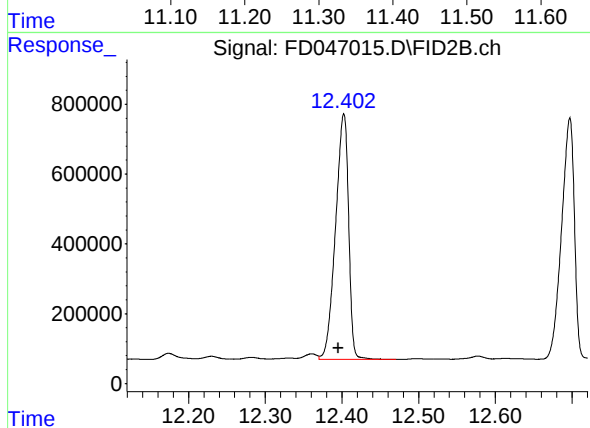
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.004 min
Response: 7272274
Conc: 47.03 ug/ml



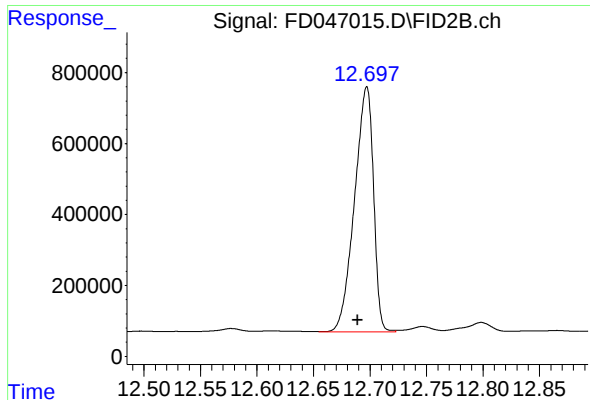
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 8371609
Conc: 42.07 ug/ml



#12 Fluoranthene (C21.85)

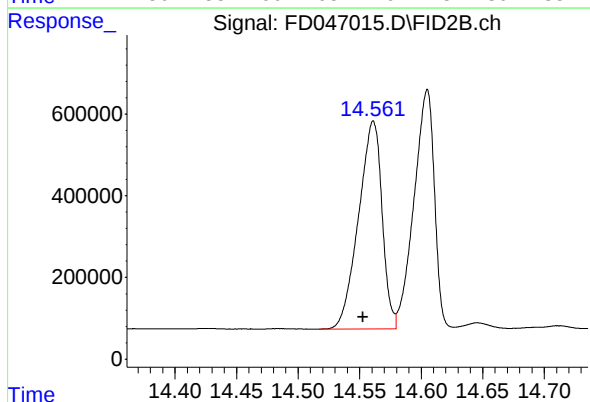
R.T.: 12.402 min
Delta R.T.: 0.007 min
Response: 8324688
Conc: 52.52 ug/ml



#13 Pyrene (C20.8)

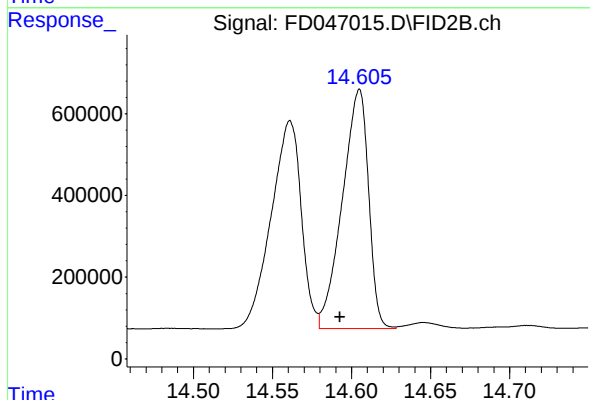
R.T.: 12.697 min
Delta R.T.: 0.007 min
Response: 8064062
Conc: 52.71 ug/ml

Instrument :
FID_D
ClientSampleId :



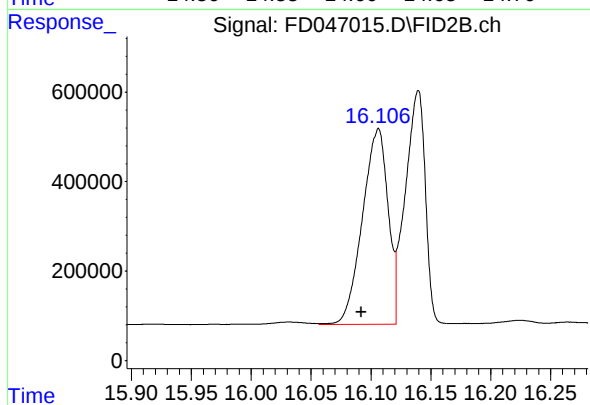
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: 0.008 min
Response: 6782565
Conc: 52.31 ug/ml



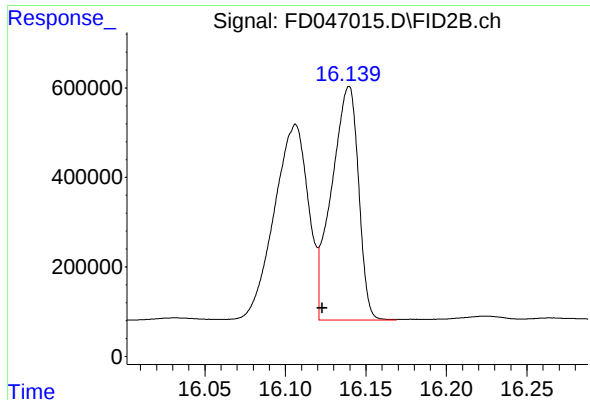
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.012 min
Response: 6767971
Conc: 47.22 ug/ml



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

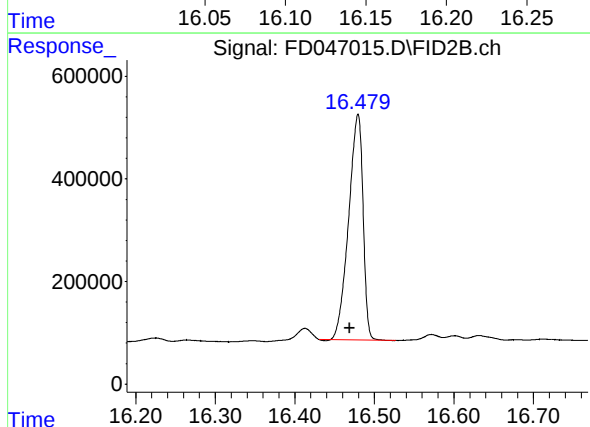
R.T.: 16.106 min
Delta R.T.: 0.014 min
Response: 6512771
Conc: 48.76 ug/ml



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

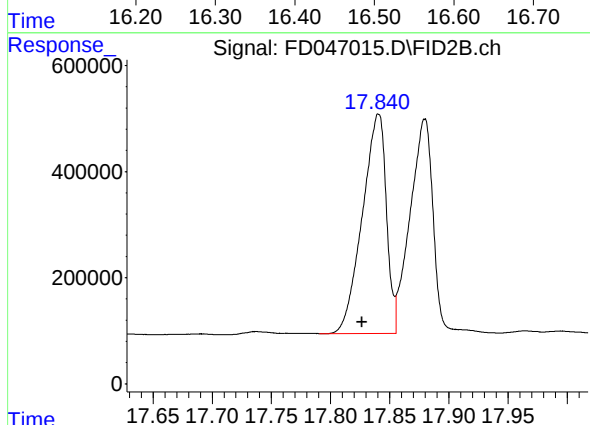
R.T.: 16.139 min
Delta R.T.: 0.016 min
Response: 6075787
Conc: 44.47 ug/ml

Instrument :
FID_D
ClientSampleId :



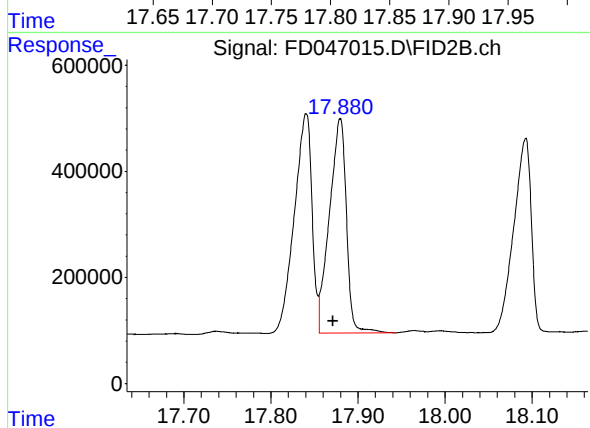
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.010 min
Response: 5538731
Conc: 42.28 ug/ml



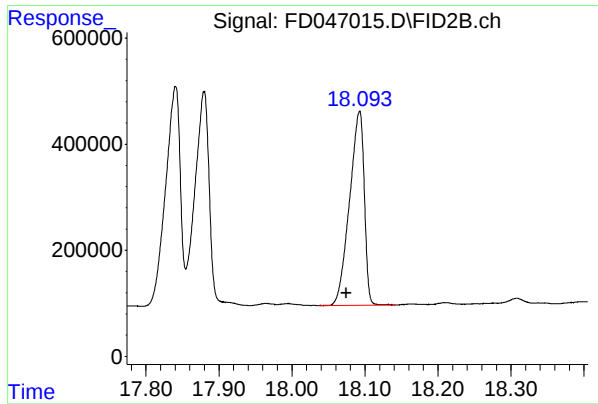
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: 0.013 min
Response: 5839171
Conc: 48.94 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.008 min
Response: 5503422
Conc: 42.35 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.017 min
Response: 5131202
Conc: 39.22 ug/ml

Instrument :

FID_D

ClientSampleId :