

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047492.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 14:55
 Operator : YP/AJ
 Sample : PB160057BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 01:42:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.459	8242258	55.132 ug/ml
Spiked Amount 50.000		Recovery =	110.26%
6) S 2-Fluorobiphenyl (SURR)	8.311	4240766	43.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.81%
11) S ortho-Terphenyl (SURR)	11.348	8053882	46.982 ug/ml
Spiked Amount 50.000		Recovery =	93.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5379628	34.045 ug/ml
2) T Naphthalene (C11.7)	5.798	6404100	39.135 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	6774261	41.185 ug/ml
5) T Acenaphthylene (C15.06)	8.115	7326106	48.537 ug/ml
7) T Acenaphthene (C15.5)	8.411	7120745	44.459 ug/ml
8) T Fluorene (C16.55)	9.189	7580432	49.000 ug/ml
9) T Phenanthrene (C19.36)	10.578	7730643	51.960 ug/ml
10) T Anthracene (C19.43)	10.653	7422523	54.575 ug/ml
12) T Fluoranthene (C21.85)	12.383	7873321	53.259 ug/ml
13) T Pyrene (C20.8)	12.677	7951115	55.093 ug/ml
14) T Benzo[a]anthracene (C...	14.543	7473585	56.828 ug/ml
15) T Chrysene (C27.41)	14.587	7488993	53.109 ug/ml
16) T benzo[b]fluoranthene ...	16.087	7463949	53.500 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	7463813	53.662 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	7246344	52.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	7679114	56.929 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	7194067	53.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	7015039	50.544 ug/ml

(f)=RT Delta > 1/2 Window

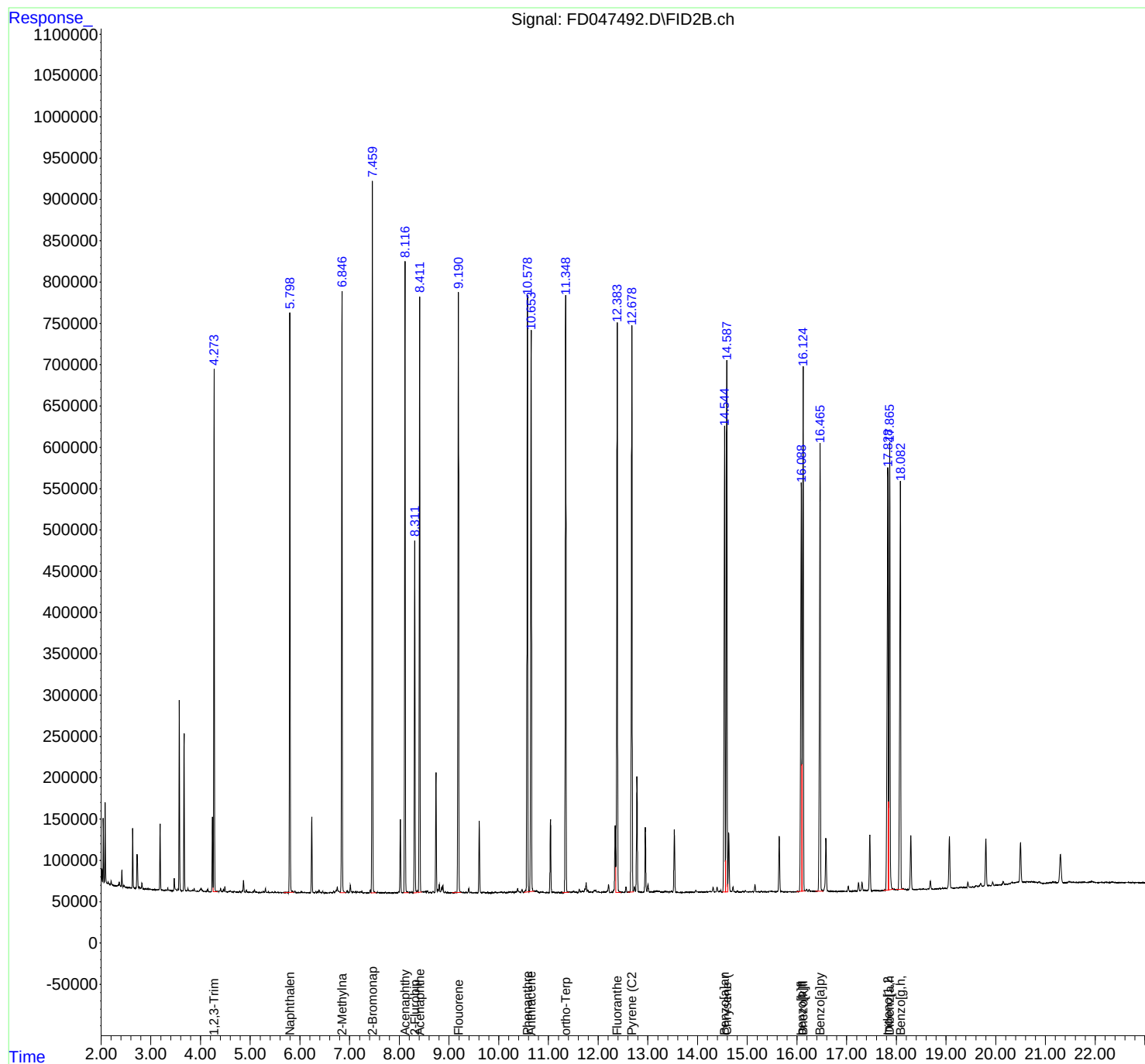
(m)=manual int.

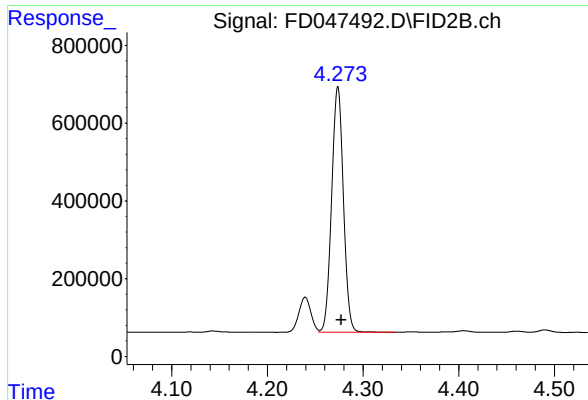
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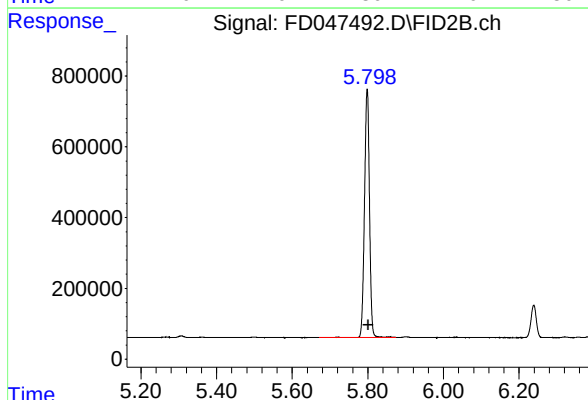




#1 1,2,3-Trimethylbenzene (C10.1)

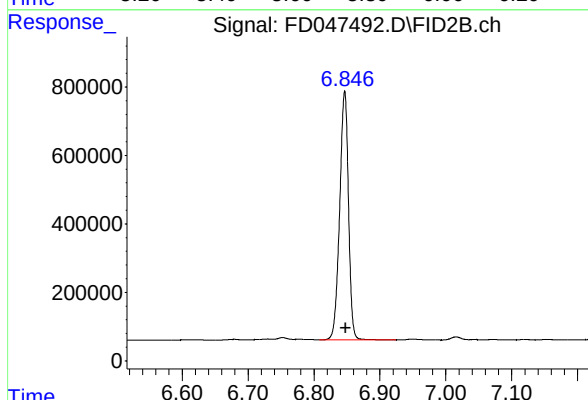
R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 5379628
Conc: 34.05 ug/ml

Instrument :
FID_D
ClientSampleId :



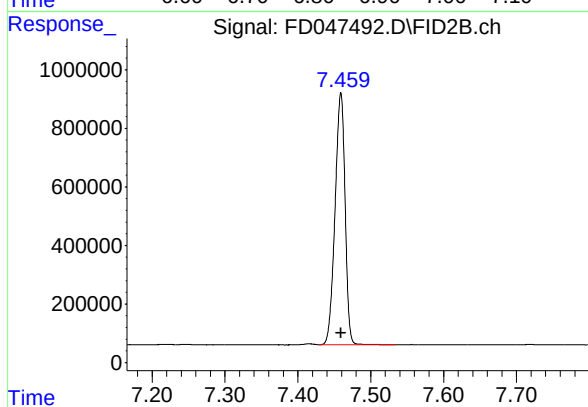
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 6404100
Conc: 39.14 ug/ml



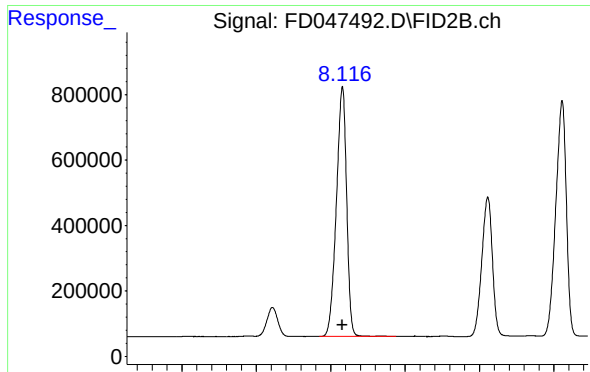
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 6774261
Conc: 41.19 ug/ml



#4 2-Bromonaphthalene (SURR)

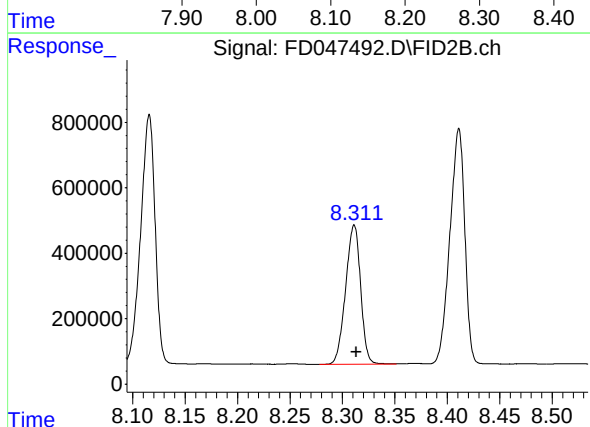
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 8242258
Conc: 55.13 ug/ml



#5 Acenaphthylene (C15.06)

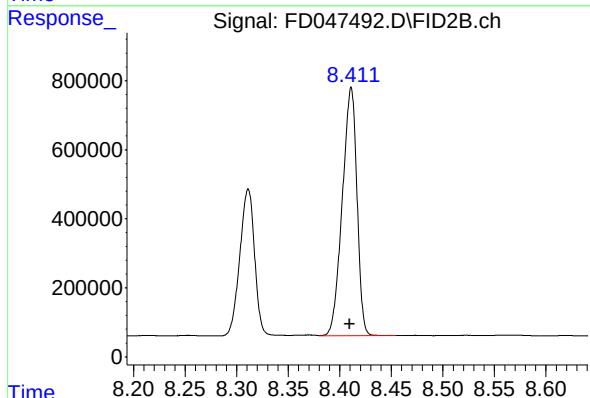
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 7326106
Conc: 48.54 ug/ml

Instrument :
FID_D
ClientSampleId :



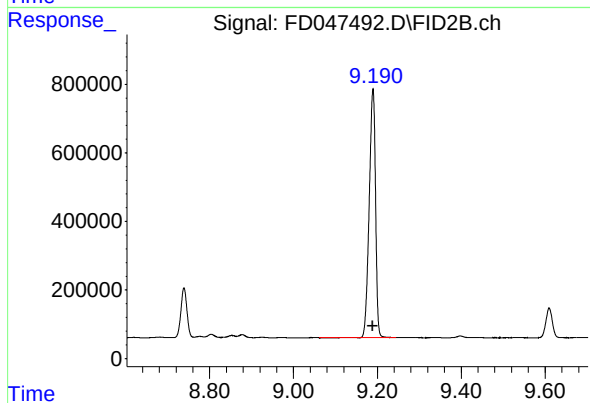
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.002 min
Response: 4240766
Conc: 43.40 ug/ml



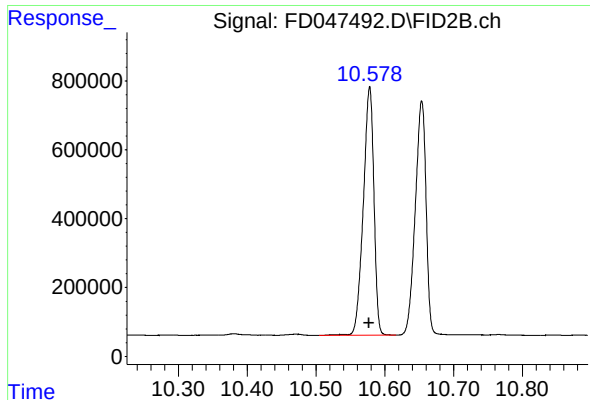
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 7120745
Conc: 44.46 ug/ml



#8 Flouorene (C16.55)

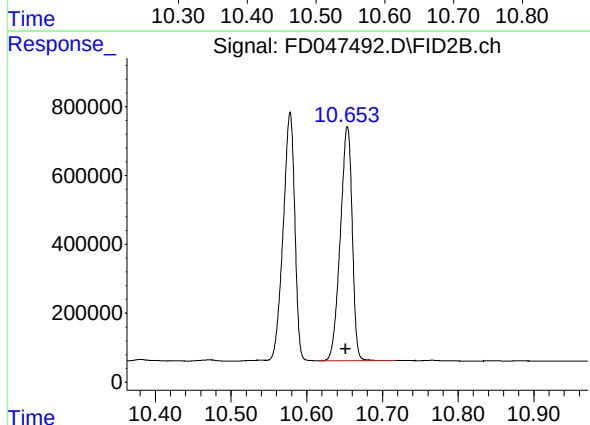
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 7580432
Conc: 49.00 ug/ml



#9 Phenanthrene (C19.36)

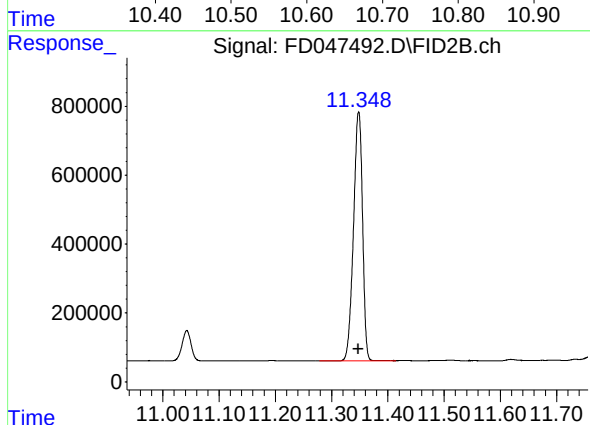
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 7730643
Conc: 51.96 ug/ml

Instrument :
FID_D
ClientSampleId :



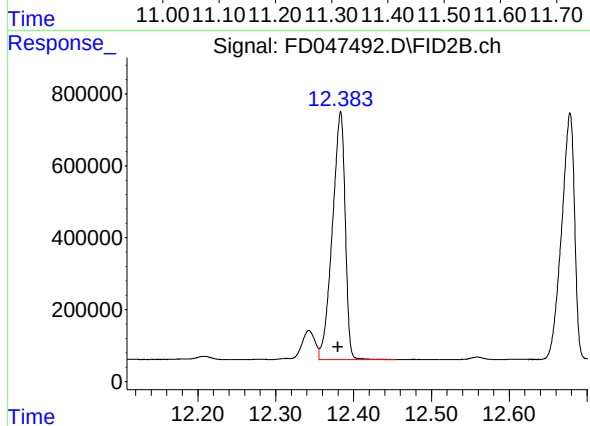
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.002 min
Response: 7422523
Conc: 54.57 ug/ml



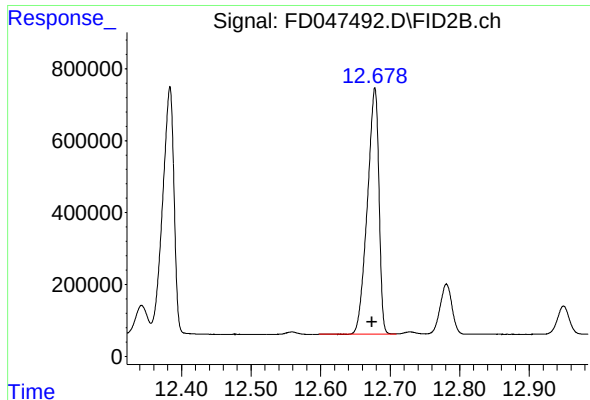
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 8053882
Conc: 46.98 ug/ml



#12 Fluoranthene (C21.85)

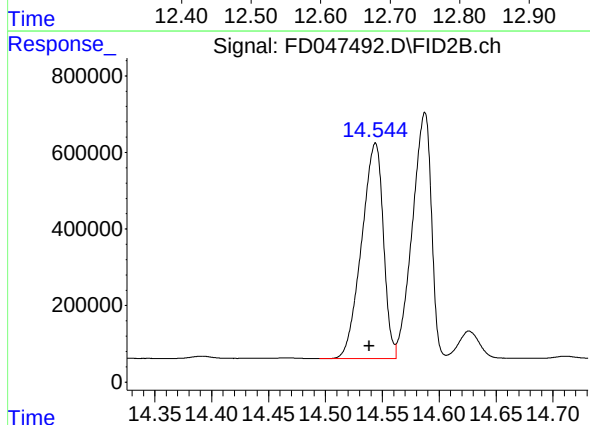
R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 7873321
Conc: 53.26 ug/ml



#13 Pyrene (C20.8)

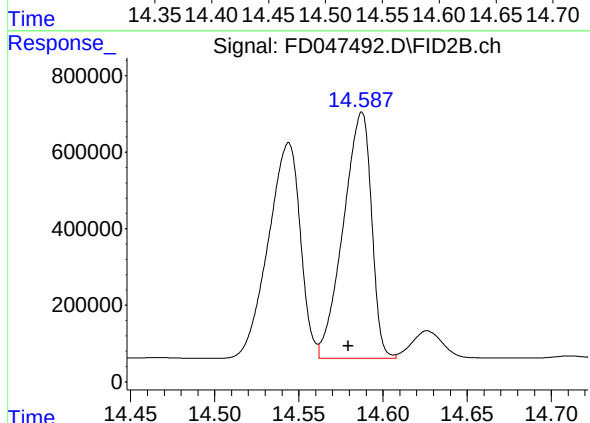
R.T.: 12.677 min
Delta R.T.: 0.004 min
Response: 7951115
Conc: 55.09 ug/ml

Instrument :
FID_D
ClientSampleId :



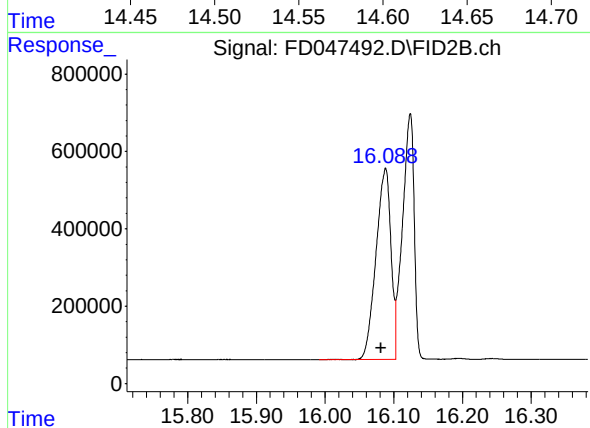
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.005 min
Response: 7473585
Conc: 56.83 ug/ml



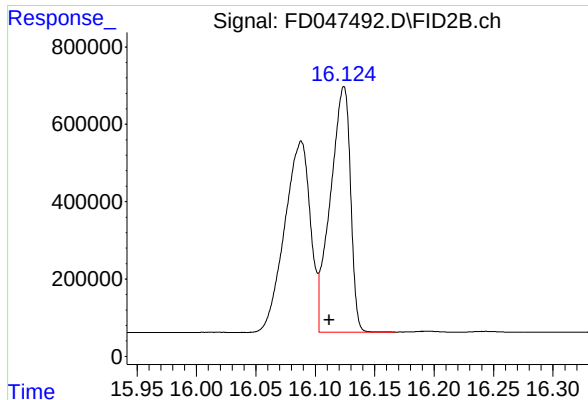
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.007 min
Response: 7488993
Conc: 53.11 ug/ml



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

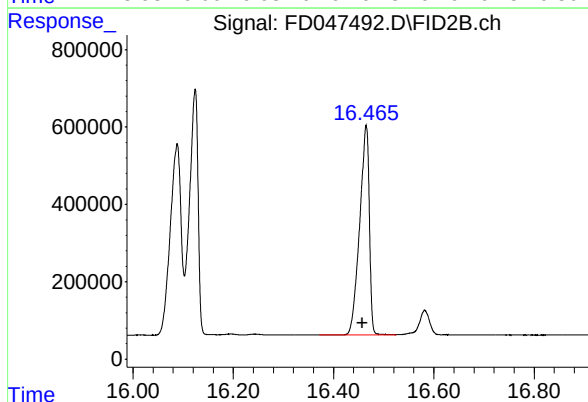
R.T.: 16.087 min
Delta R.T.: 0.006 min
Response: 7463949
Conc: 53.50 ug/ml



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

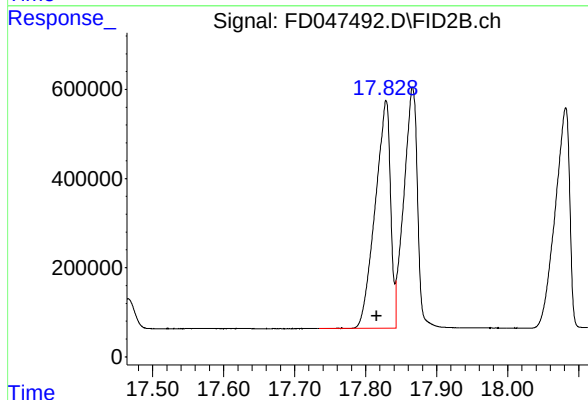
R.T.: 16.123 min
Delta R.T.: 0.011 min
Response: 7463813
Conc: 53.66 ug/ml

Instrument :
FID_D
ClientSampleId :



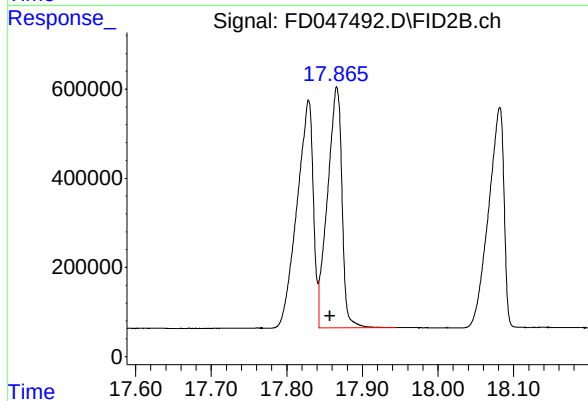
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.007 min
Response: 7246344
Conc: 52.78 ug/ml



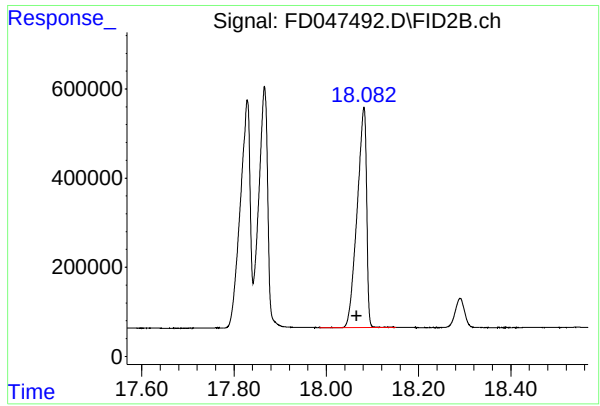
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.012 min
Response: 7679114
Conc: 56.93 ug/ml



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

R.T.: 17.866 min
Delta R.T.: 0.008 min
Response: 7194067
Conc: 53.53 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.015 min
Response: 7015039
Conc: 50.54 ug/ml

Instrument :

FID_D

ClientSampleId :