

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048911.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 20:05
 Operator : YP/AJ
 Sample : PB165783BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165783BS

Integration File: autoint1.e
 Quant Time: Dec 21 04:07:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.361	8272285	49.113 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
6) S 2-Fluorobiphenyl (SURR)	8.211	5256599	50.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.77%
11) S ortho-Terphenyl (SURR)	11.247	7721197	43.460 ug/ml
Spiked Amount 50.000		Recovery =	86.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	6020784	31.800 ug/ml
2) T Naphthalene (C11.7)	5.701	8095448	42.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	8473758	45.859 ug/ml
5) T Acenaphthylene (C15.06)	8.015	9493861	50.869 ug/ml
7) T Acenaphthene (C15.5)	8.311	10404287	55.866 ug/ml
8) T Fluorene (C16.55)	9.089	10562347	59.110 ug/ml
9) T Phenanthrene (C19.36)	10.477	10498681	62.857 ug/ml
10) T Anthracene (C19.43)	10.554	10690574	62.989 ug/ml
12) T Fluoranthene (C21.85)	12.283	10521808	64.280 ug/ml
13) T Pyrene (C20.8)	12.577	11051292	67.948 ug/ml
14) T Benzo[a]anthracene (C...	14.446	9495750	71.878 ug/ml
15) T Chrysene (C27.41)	14.490	9503736	58.869 ug/ml
16) T benzo[b]fluoranthene ...	15.996	9525896	70.757 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	9520298	62.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	9129304	66.006 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	9293713	87.208 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	8849025	61.016 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	8800009	62.764 ug/ml

(f)=RT Delta > 1/2 Window

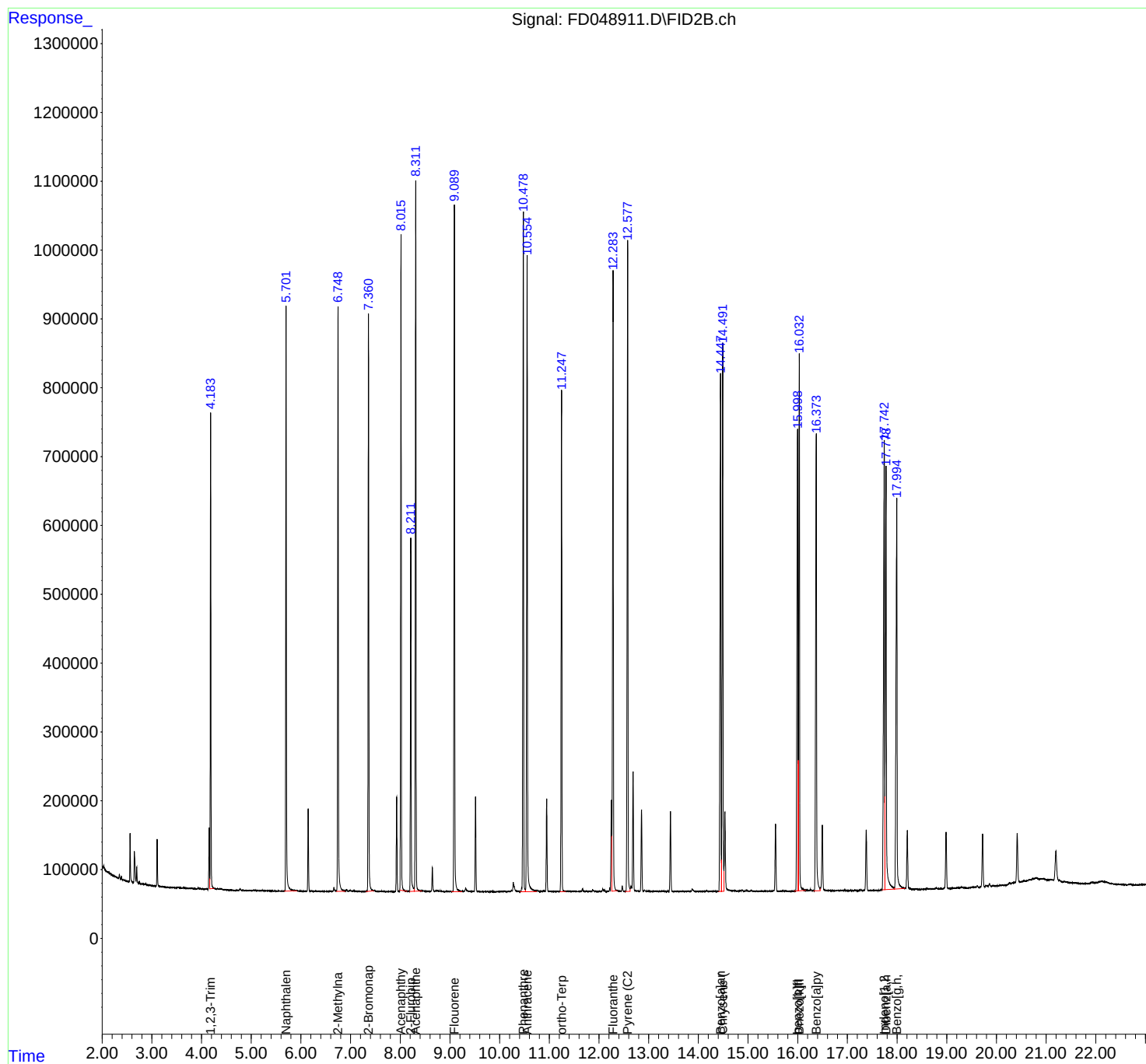
(m)=manual int.

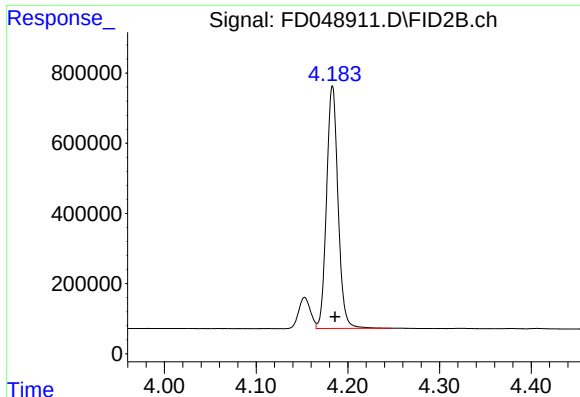
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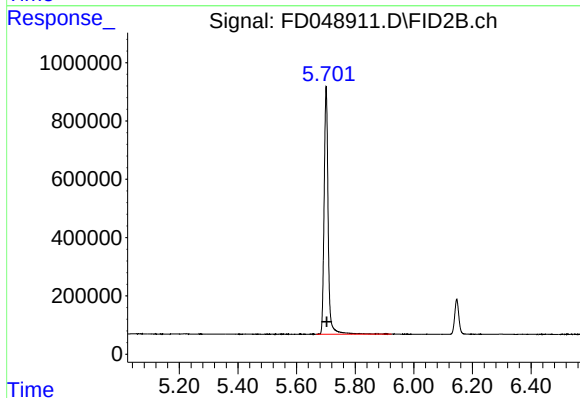




#1 1,2,3-Trimethylbenzene (C10.1)

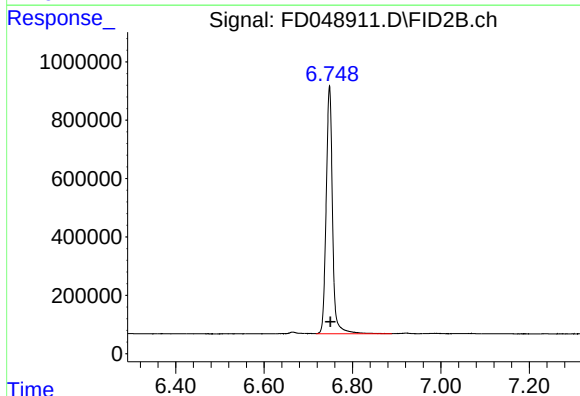
R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 6020784
Conc: 31.80 ug/ml

Instrument :
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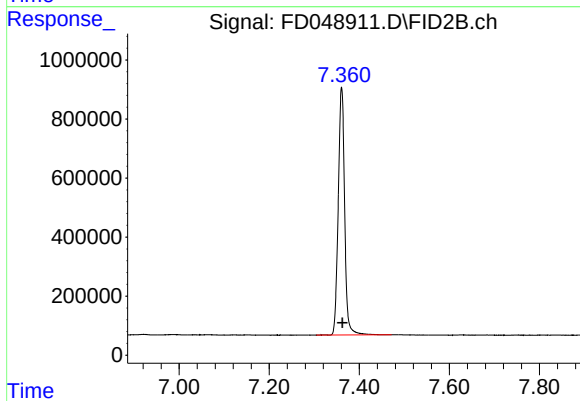
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 8095448
Conc: 42.37 ug/ml



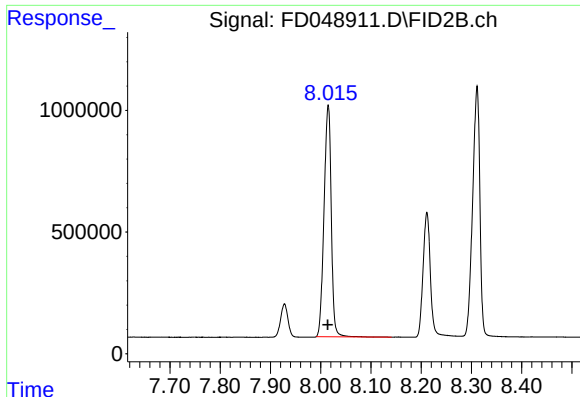
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 8473758
Conc: 45.86 ug/ml



#4 2-Bromonaphthalene (SURR)

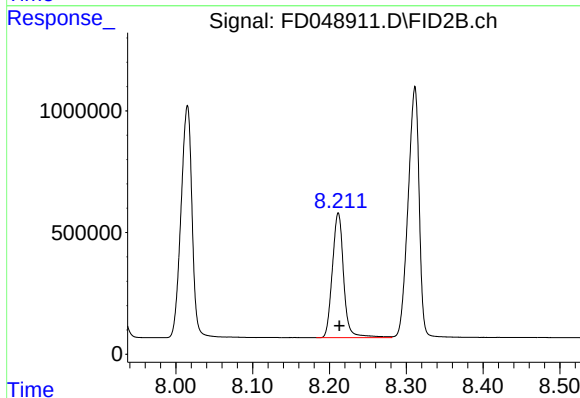
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8272285
Conc: 49.11 ug/ml



#5 Acenaphthylene (C15.06)

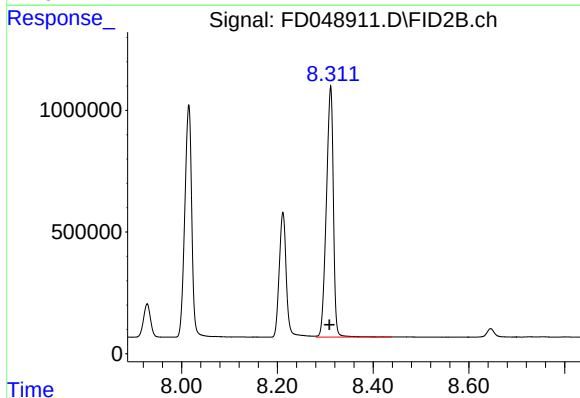
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 9493861
Conc: 50.87 ug/ml

Instrument :
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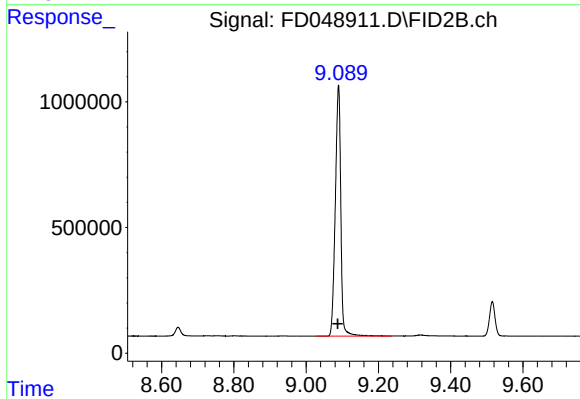
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 5256599
Conc: 50.88 ug/ml



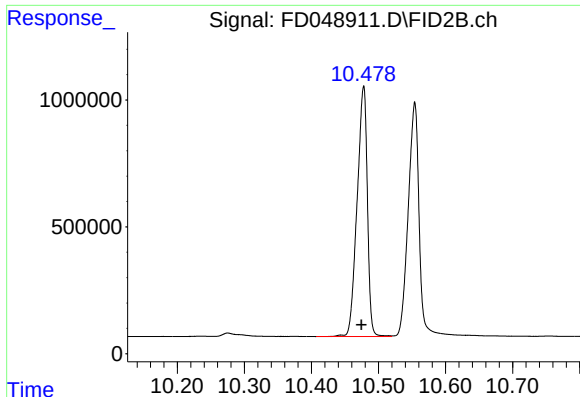
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.002 min
Response: 10404287
Conc: 55.87 ug/ml



#8 Fluorene (C16.55)

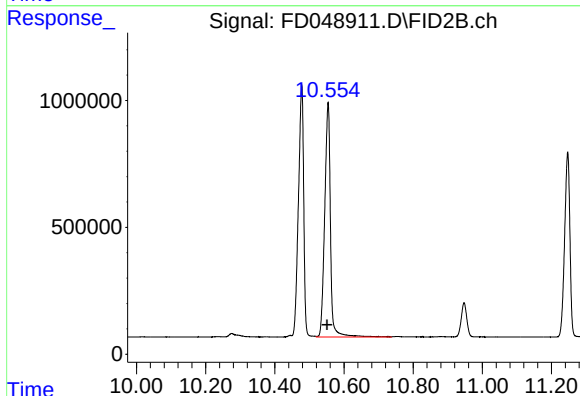
R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 10562347
Conc: 59.11 ug/ml



#9 Phenanthrene (C19.36)

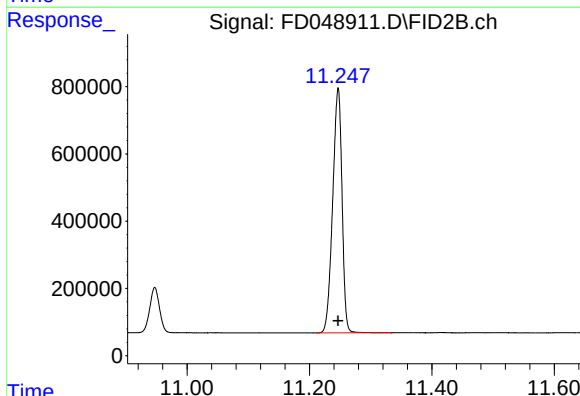
R.T.: 10.477 min
Delta R.T.: 0.002 min
Response: 10498681
Conc: 62.86 ug/ml

Instrument :
FID_D
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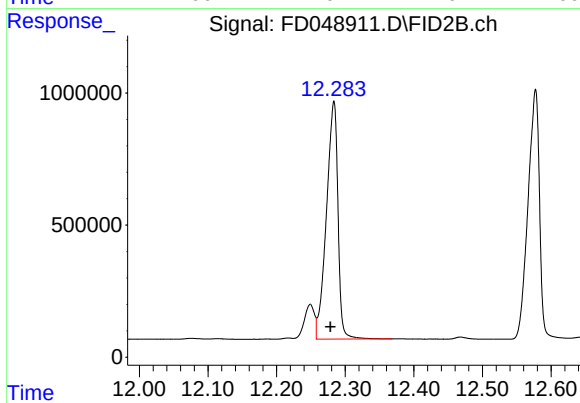
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.002 min
Response: 10690574
Conc: 62.99 ug/ml



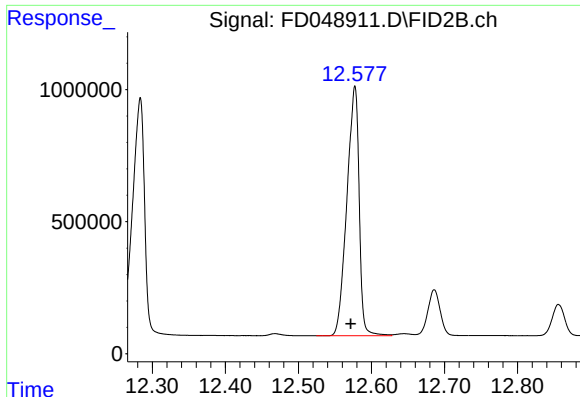
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 7721197
Conc: 43.46 ug/ml



#12 Fluoranthene (C21.85)

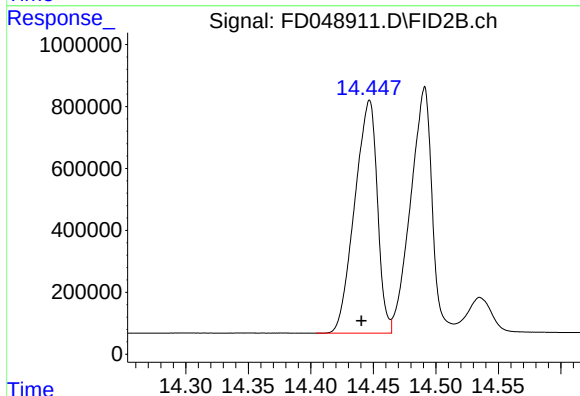
R.T.: 12.283 min
Delta R.T.: 0.004 min
Response: 10521808
Conc: 64.28 ug/ml



#13 Pyrene (C20.8)

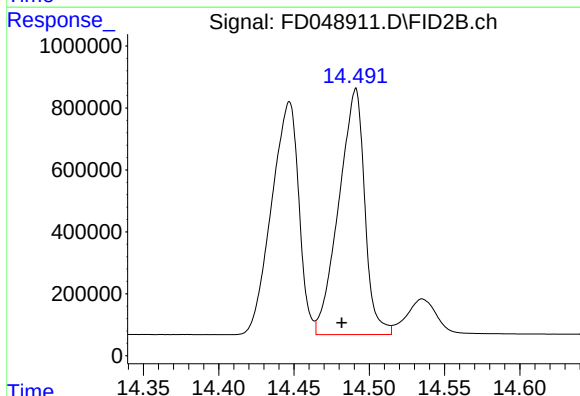
R.T.: 12.577 min
Delta R.T.: 0.005 min
Response: 11051292
Conc: 67.95 ug/ml

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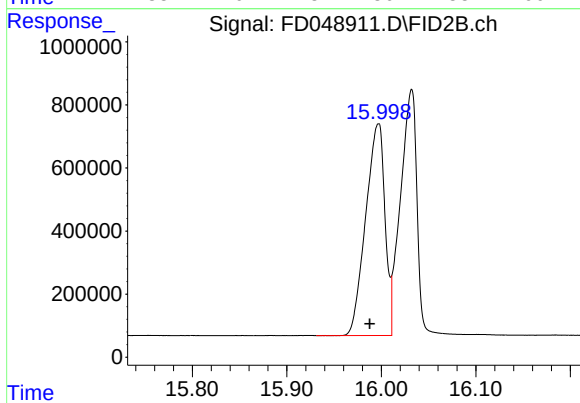
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.006 min
Response: 9495750
Conc: 71.88 ug/ml



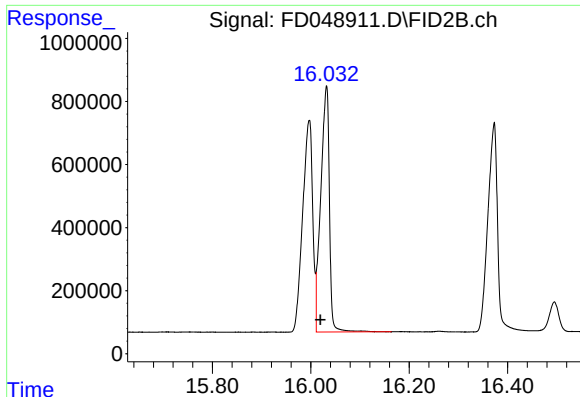
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.009 min
Response: 9503736
Conc: 58.87 ug/ml



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

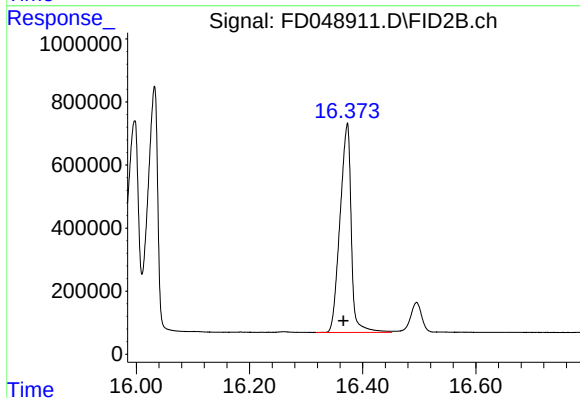
R.T.: 15.996 min
Delta R.T.: 0.008 min
Response: 9525896
Conc: 70.76 ug/ml



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

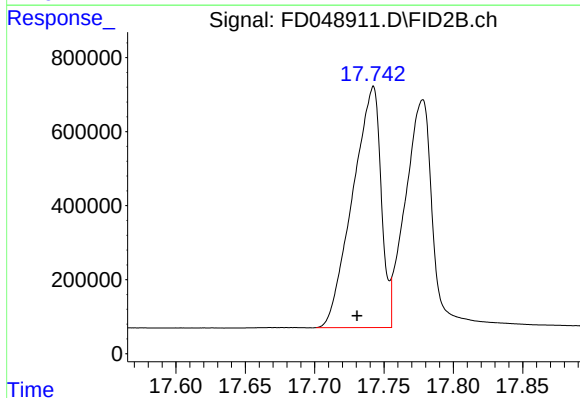
R.T.: 16.031 min
Delta R.T.: 0.011 min
Response: 9520298
Conc: 62.50 ug/ml

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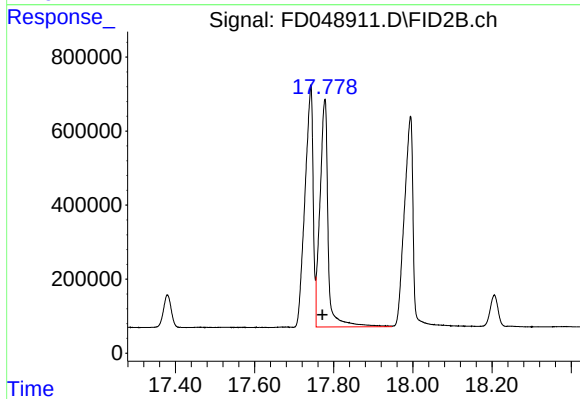
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: 0.006 min
Response: 9129304
Conc: 66.01 ug/ml



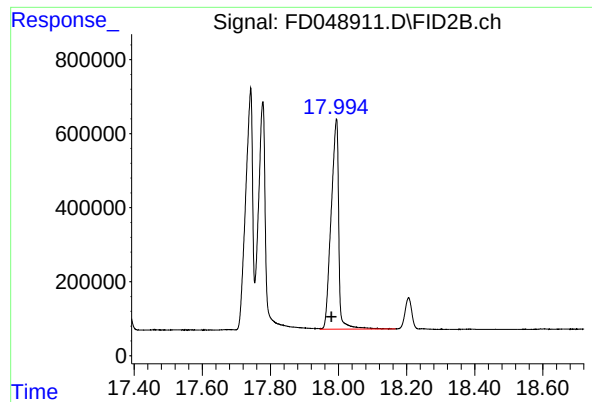
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.010 min
Response: 9293713
Conc: 87.21 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.006 min
Response: 8849025
Conc: 61.02 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.014 min
Response: 8800009
Conc: 62.76 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165783BS