

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062124AR\
 Data File : FD047953.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jun 2024 09:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 22 04:18:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.417	3342598	22.984 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
6) S 2-Fluorobiphenyl (SURR)	8.269	2245288	23.050 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.10%
11) S ortho-Terphenyl (SURR)	11.307	3875941	23.064 ug/ml
Spiked Amount 50.000		Recovery =	46.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	3657031	22.754 ug/ml
2) T Naphthalene (C11.7)	5.757	3874310	22.879 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	3922930	22.783 ug/ml
5) T Acenaphthylene (C15.06)	8.072	3794382	22.591 ug/ml
7) T Acenaphthene (C15.5)	8.367	3881848	22.903 ug/ml
8) T Flouorene (C16.55)	9.146	3803836	22.908 ug/ml
9) T Phenanthrene (C19.36)	10.534	3759580	22.965 ug/ml
10) T Anthracene (C19.43)	10.608	2706967	16.644 ug/ml
12) T Fluoranthene (C21.85)	12.339	3884031	23.587 ug/ml
13) T Pyrene (C20.8)	12.632	3729237	22.871 ug/ml
14) T Benzo[a]anthracene (C...	14.501	3346918	21.819 ug/ml
15) T Chrysene (C27.41)	14.543	3547218	21.689 ug/ml
16) T benzo[b]fluoranthene ...	16.048	3505513	22.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	3452275	23.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.423	3204583	21.029 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	3001745	22.829 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	3173531	20.038 ug/ml
21) T Benzo[g,h,i]perylene ...	18.038	3312946	22.038 ug/ml

(f)=RT Delta > 1/2 Window

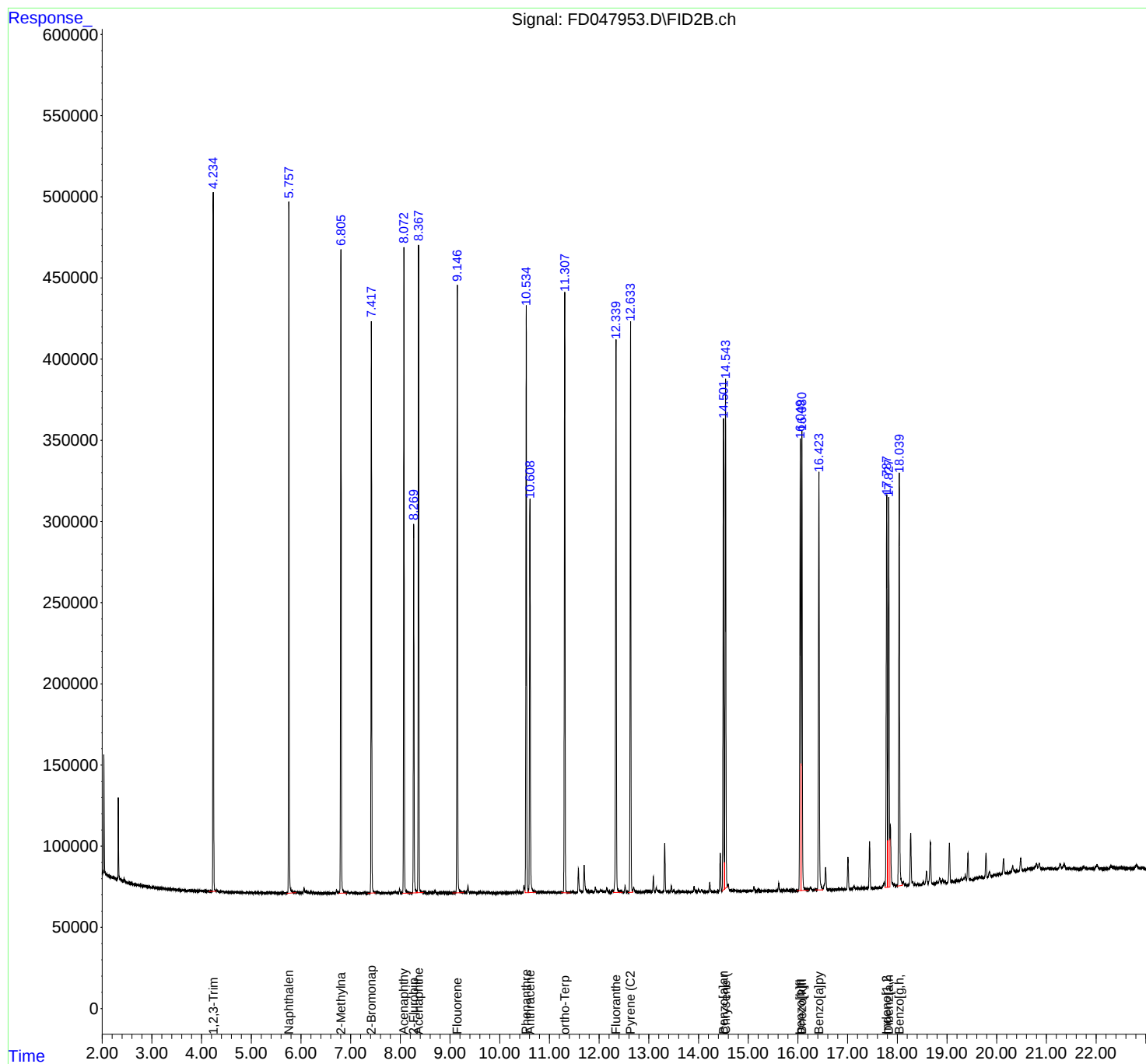
(m)=manual int.

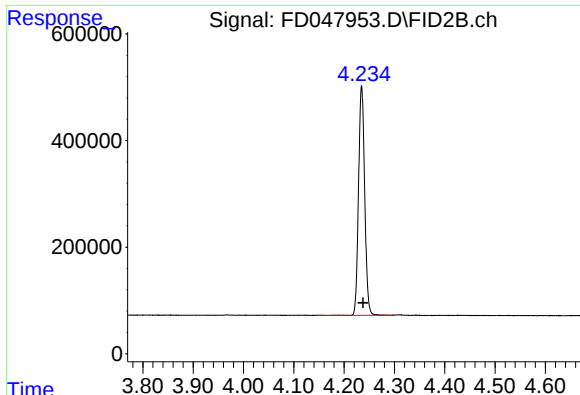
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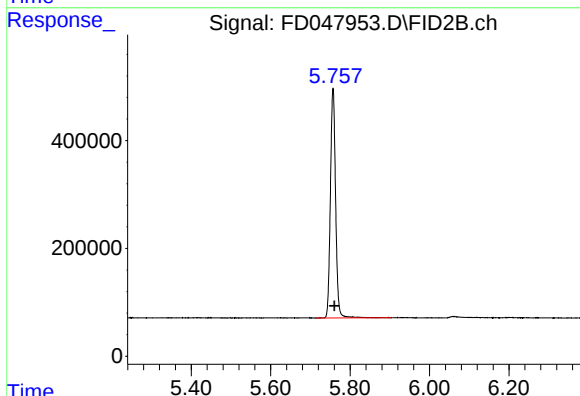




#1 1,2,3-Trimethylbenzene (C10.1)

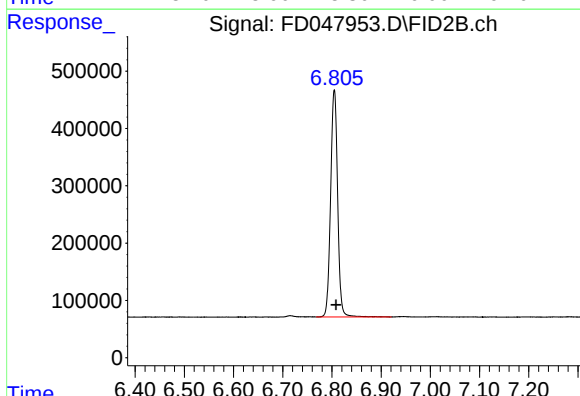
R.T.: 4.235 min
Delta R.T.: -0.003 min
Response: 3657031
Conc: 22.75 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



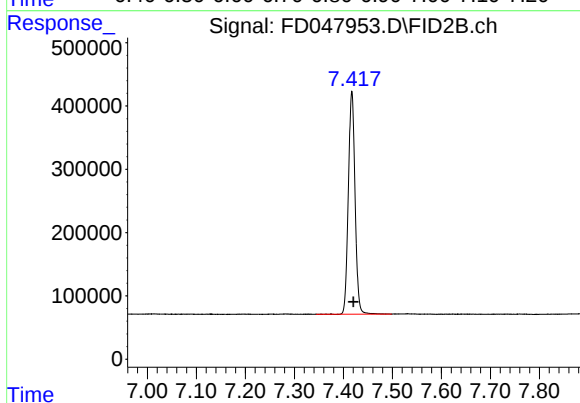
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 3874310
Conc: 22.88 ug/ml



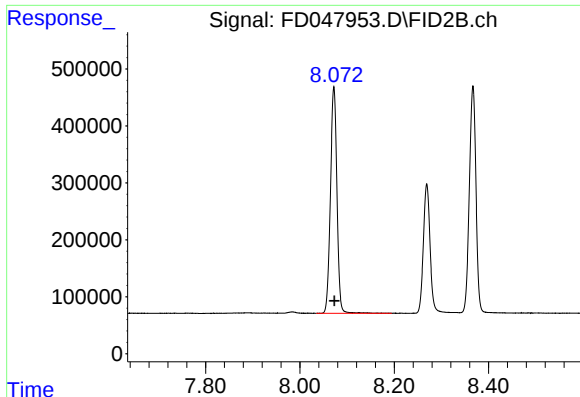
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 3922930
Conc: 22.78 ug/ml



#4 2-Bromonaphthalene (SURR)

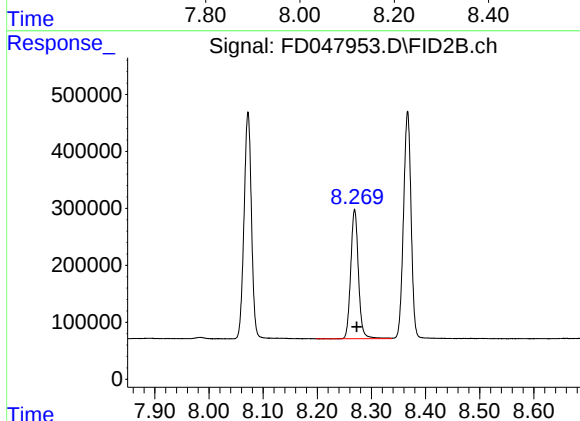
R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 3342598
Conc: 22.98 ug/ml



#5 Acenaphthylene (C15.06)

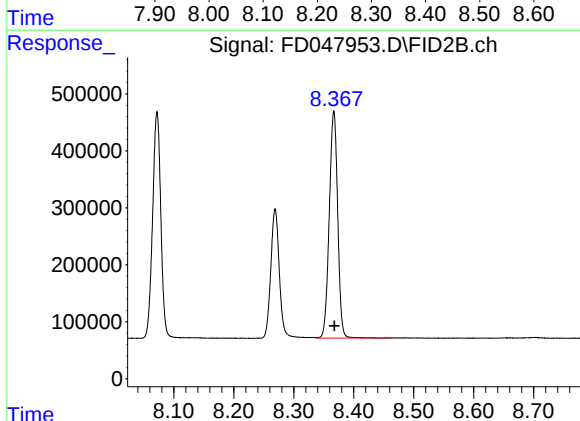
R.T.: 8.072 min
Delta R.T.: -0.002 min
Response: 3794382
Conc: 22.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



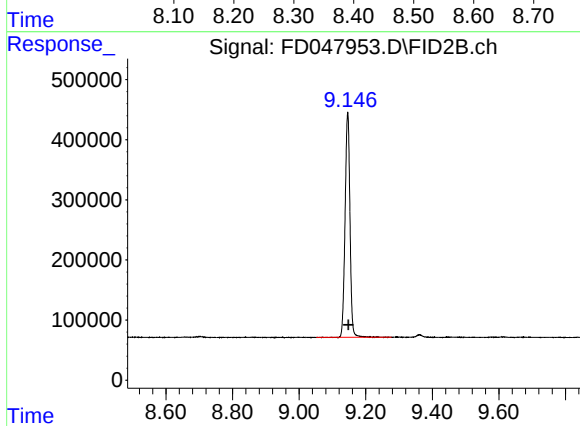
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 2245288
Conc: 23.05 ug/ml



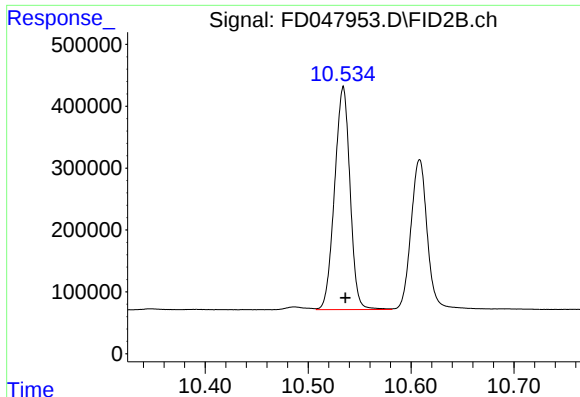
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 3881848
Conc: 22.90 ug/ml



#8 Fluorene (C16.55)

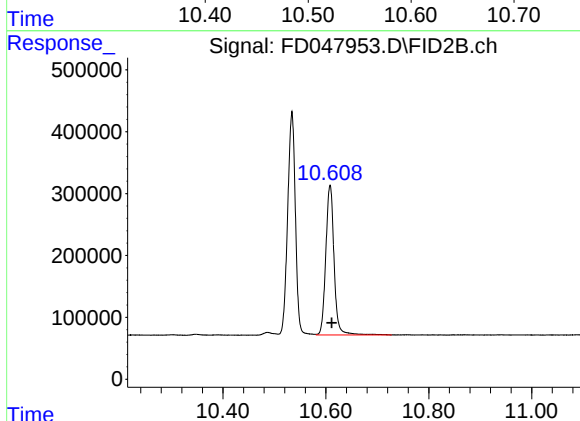
R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 3803836
Conc: 22.91 ug/ml



#9 Phenanthrene (C19.36)

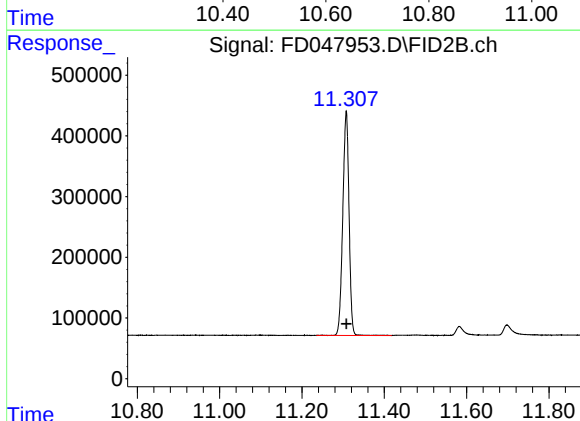
R.T.: 10.534 min
Delta R.T.: -0.002 min
Response: 3759580
Conc: 22.96 ug/ml

Instrument :
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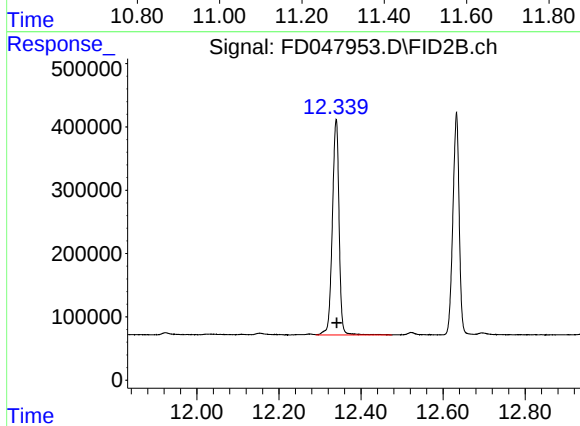
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.003 min
Response: 2706967
Conc: 16.64 ug/ml



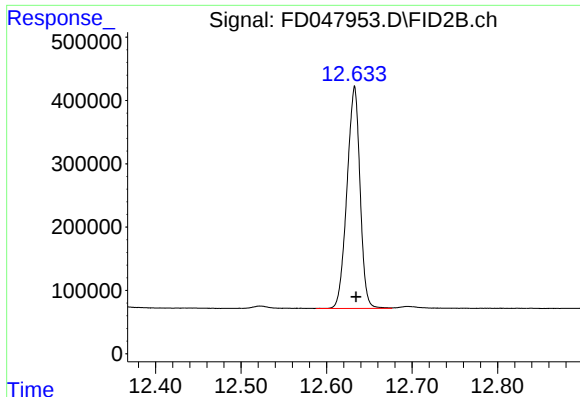
#11 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 3875941
Conc: 23.06 ug/ml



#12 Fluoranthene (C21.85)

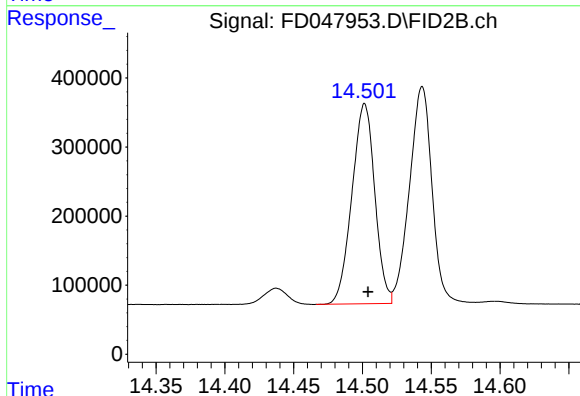
R.T.: 12.339 min
Delta R.T.: -0.002 min
Response: 3884031
Conc: 23.59 ug/ml



#13 Pyrene (C20.8)

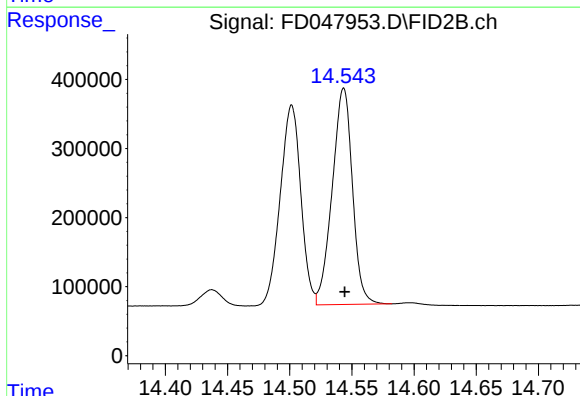
R.T.: 12.632 min
Delta R.T.: -0.002 min
Response: 3729237
Conc: 22.87 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



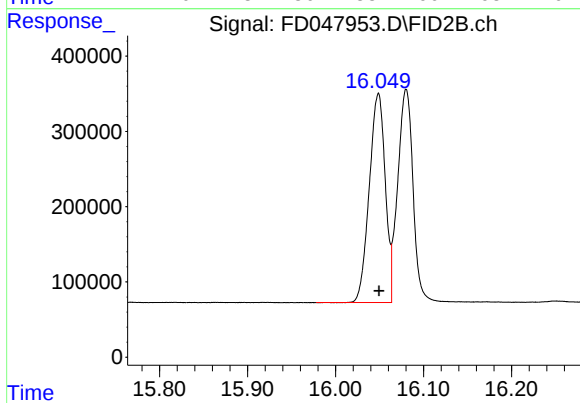
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.003 min
Response: 3346918
Conc: 21.82 ug/ml



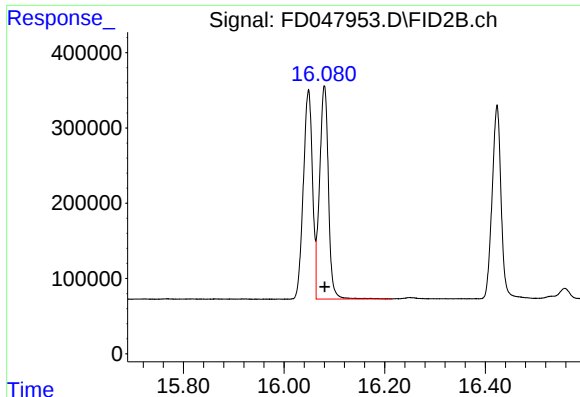
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 3547218
Conc: 21.69 ug/ml



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

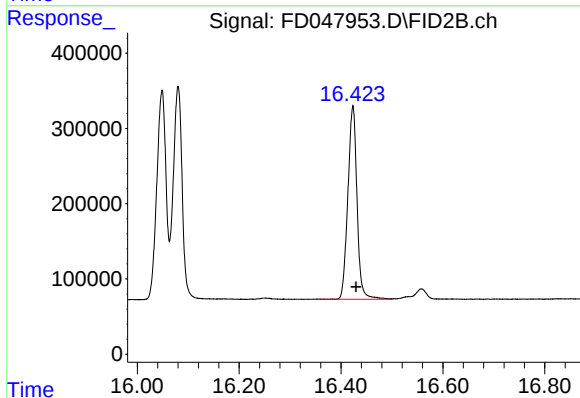
R.T.: 16.048 min
Delta R.T.: -0.001 min
Response: 3505513
Conc: 22.82 ug/ml



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

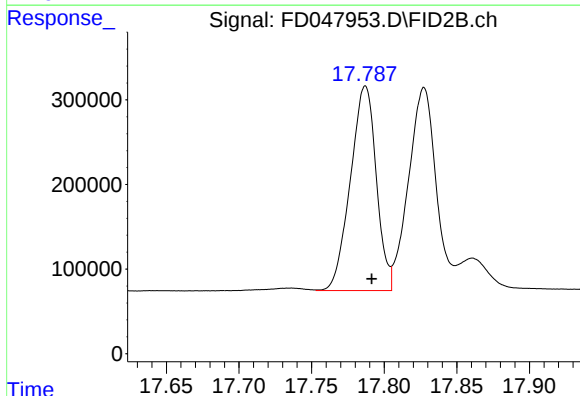
R.T.: 16.080 min
Delta R.T.: 0.000 min
Response: 3452275
Conc: 23.05 ug/ml

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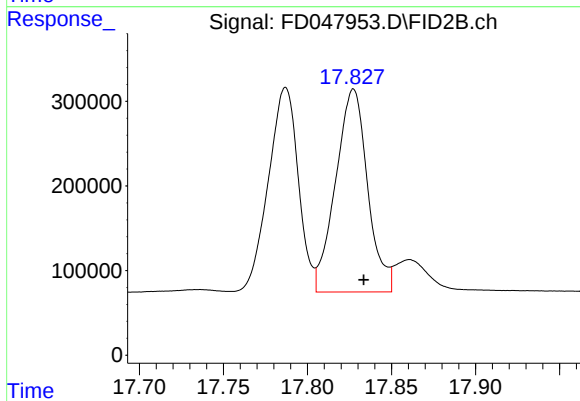
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.423 min
Delta R.T.: -0.006 min
Response: 3204583
Conc: 21.03 ug/ml



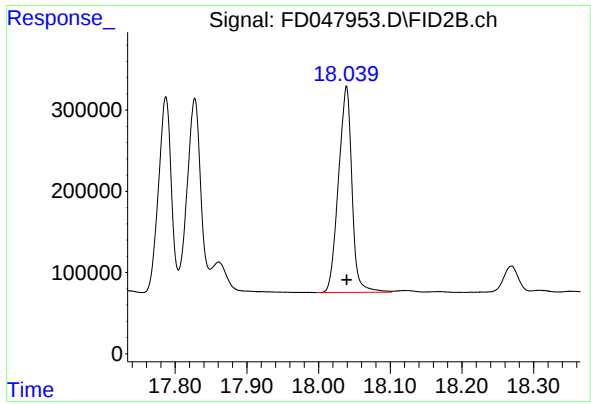
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.005 min
Response: 3001745
Conc: 22.83 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.006 min
Response: 3173531
Conc: 20.04 ug/ml



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

R.T.: 18.038 min
Delta R.T.: 0.000 min
Response: 3312946
Conc: 22.04 ug/ml

Instrument :

FID_D

ClientSampleId :

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