

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049160.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 16:35
 Operator : YP/AJ
 Sample : PB166976BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166976BS

Integration File: autoint1.e
 Quant Time: Mar 05 23:29:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.351	8453892	59.073 ug/ml
Spiked Amount 50.000		Recovery =	118.15%
6) S 2-Fluorobiphenyl (SURR)	8.202	5054241	57.492 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.98%
11) S ortho-Terphenyl (SURR)	11.236	8417347	52.031 ug/ml
Spiked Amount 50.000		Recovery =	104.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	5552142	34.864 ug/ml
2) T Naphthalene (C11.7)	5.691	6350091	39.991 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	6465727	41.529 ug/ml
5) T Acenaphthylene (C15.06)	8.004	7500307	46.126 ug/ml
7) T Acenaphthene (C15.5)	8.299	8145079	49.512 ug/ml
8) T Fluorene (C16.55)	9.077	7912127	50.188 ug/ml
9) T Phenanthrene (C19.36)	10.465	7970215	52.888 ug/ml
10) T Anthracene (C19.43)	10.541	8037215	53.217 ug/ml
12) T Fluoranthene (C21.85)	12.270	8243131	53.418 ug/ml
13) T Pyrene (C20.8)	12.563	8165876	53.005 ug/ml
14) T Benzo[a]anthracene (C...	14.435	7533013	57.333 ug/ml
15) T Chrysene (C27.41)	14.476	7422754	45.908 ug/ml
16) T benzo[b]fluoranthene ...	15.984	7569764	55.015 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	7928873	50.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	7273189	53.583 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	6578388	60.199 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	7368166	47.494 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	7187811	49.588 ug/ml

(f)=RT Delta > 1/2 Window

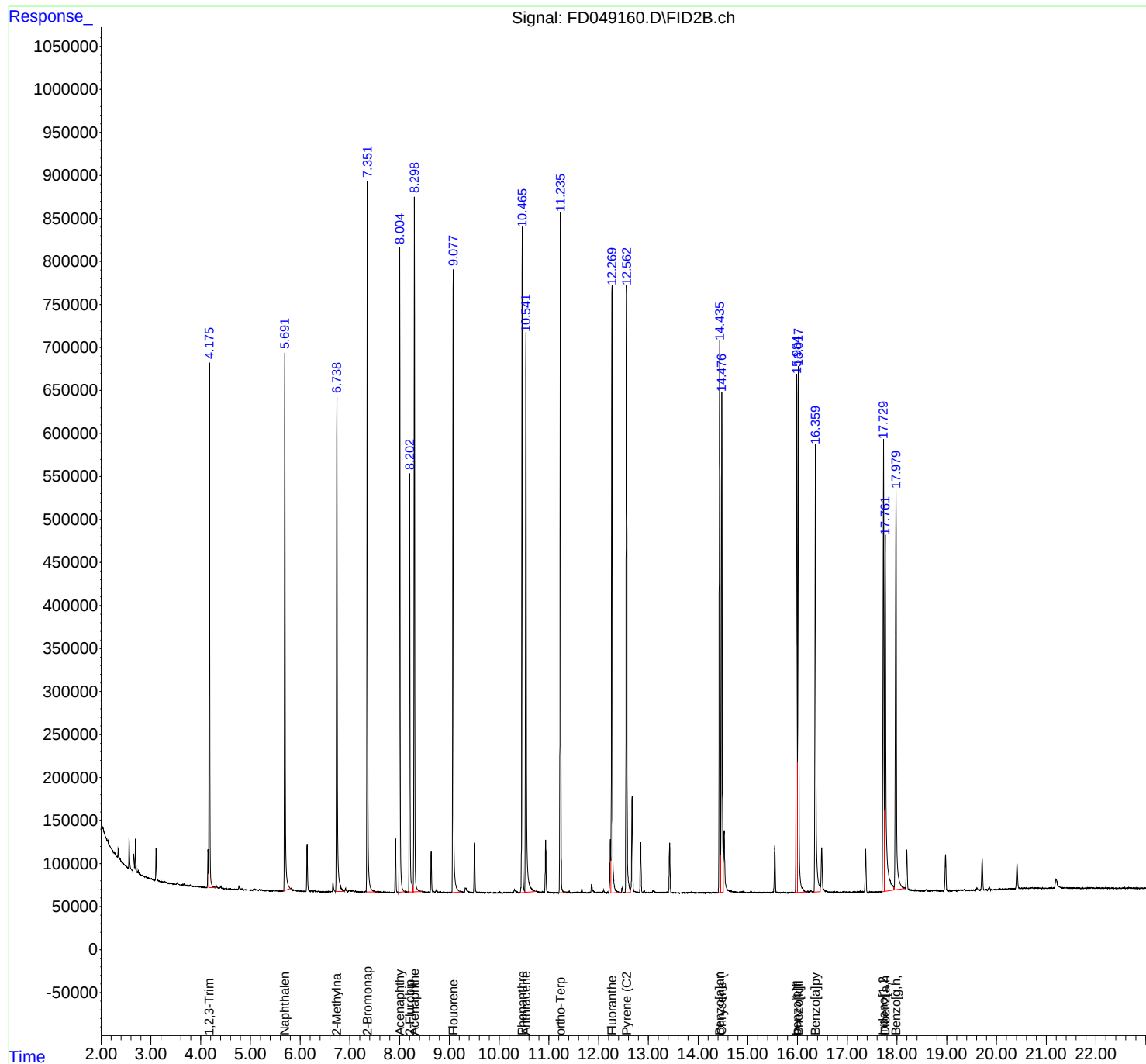
(m)=manual int.

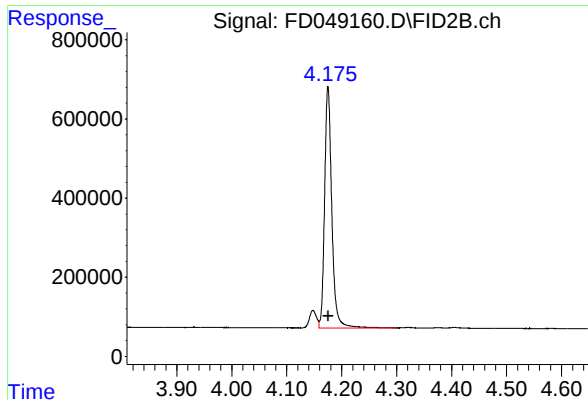
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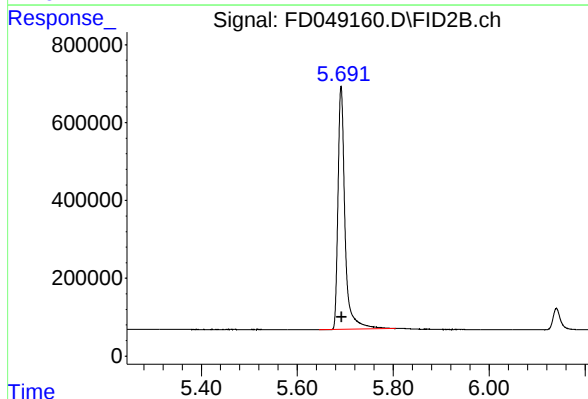




#1 1,2,3-Trimethylbenzene (C10.1)

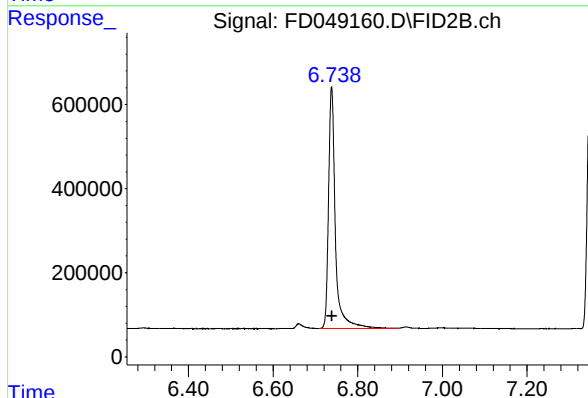
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 5552142
Conc: 34.86 ug/ml

Instrument :
FID_D
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PB166976BS



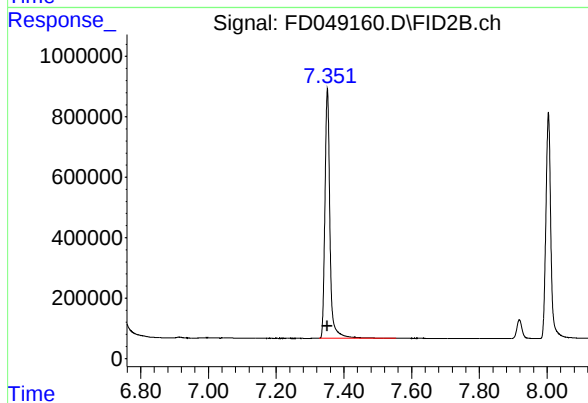
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 6350091
Conc: 39.99 ug/ml



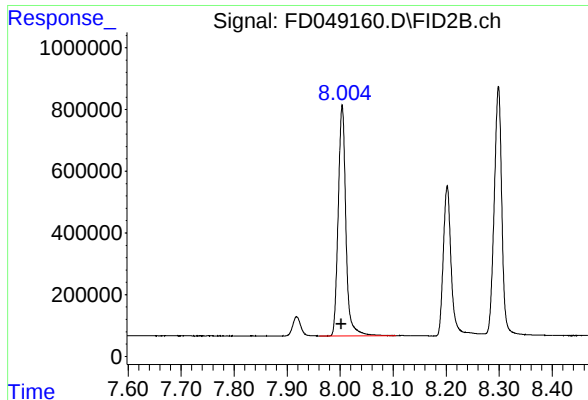
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 6465727
Conc: 41.53 ug/ml



#4 2-Bromonaphthalene (SURR)

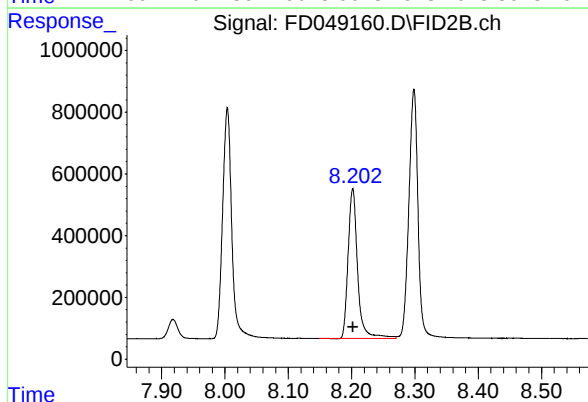
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 8453892
Conc: 59.07 ug/ml



#5 Acenaphthylene (C15.06)

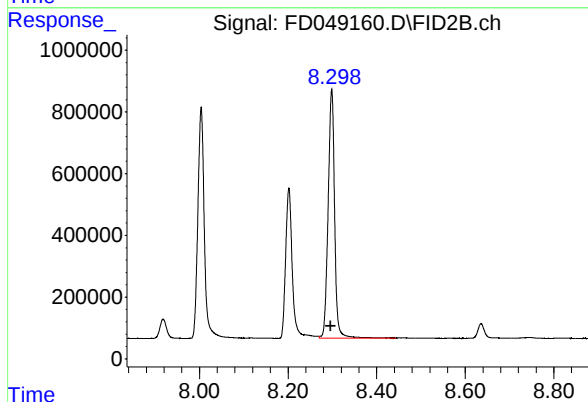
R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 7500307
Conc: 46.13 ug/ml

Instrument :
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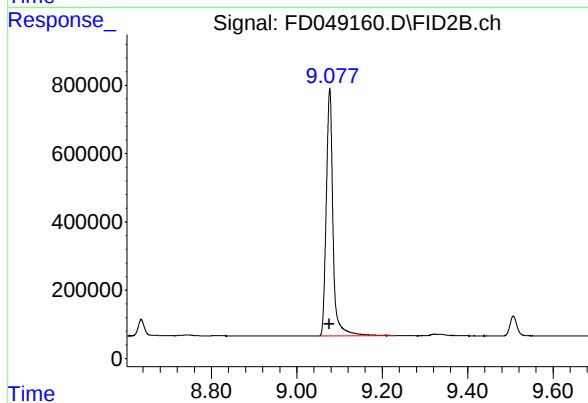
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5054241
Conc: 57.49 ug/ml



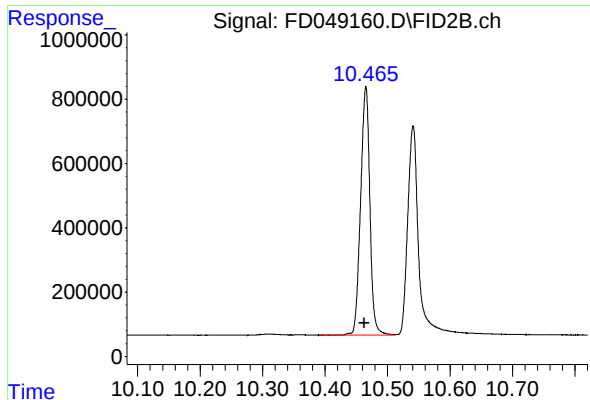
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.002 min
Response: 8145079
Conc: 49.51 ug/ml



#8 Flouorene (C16.55)

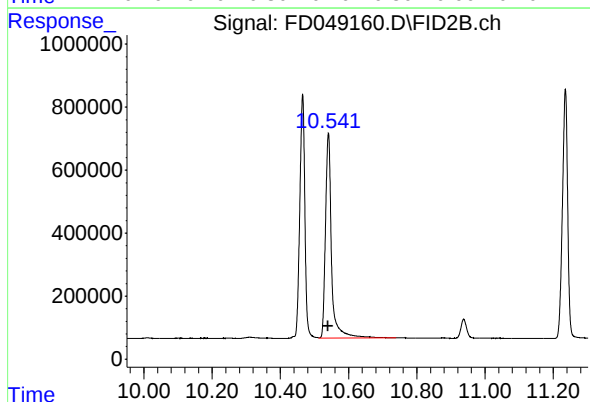
R.T.: 9.077 min
Delta R.T.: 0.001 min
Response: 7912127
Conc: 50.19 ug/ml



#9 Phenanthrene (C19.36)

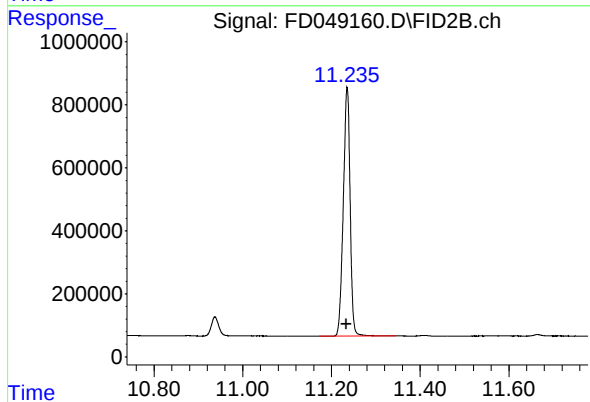
R.T.: 10.465 min
Delta R.T.: 0.003 min
Response: 7970215
Conc: 52.89 ug/ml

Instrument :
FID_D
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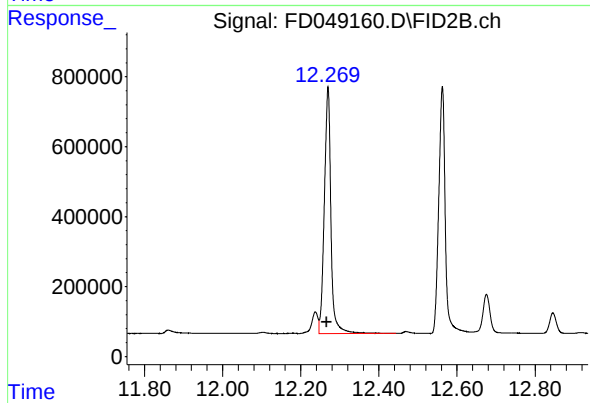
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.001 min
Response: 8037215
Conc: 53.22 ug/ml



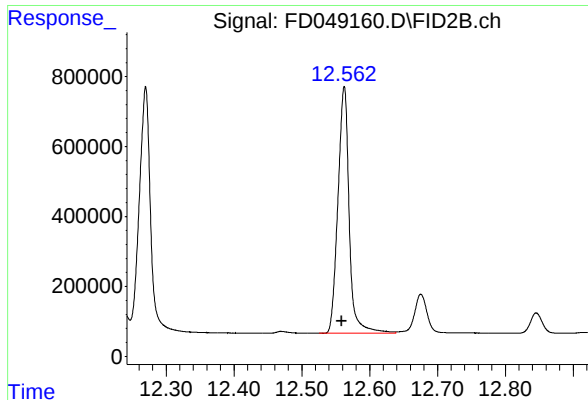
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 8417347
Conc: 52.03 ug/ml



#12 Fluoranthene (C21.85)

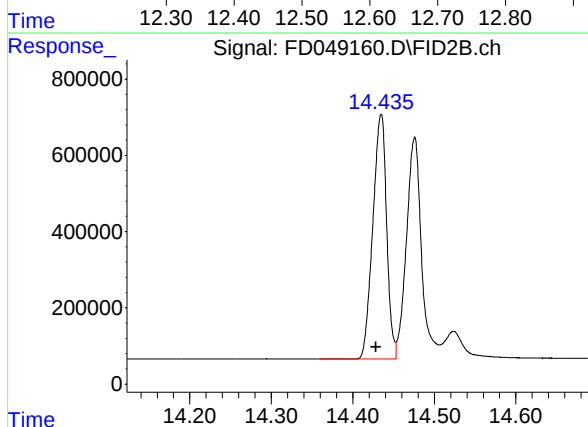
R.T.: 12.270 min
Delta R.T.: 0.003 min
Response: 8243131
Conc: 53.42 ug/ml



#13 Pyrene (C20.8)

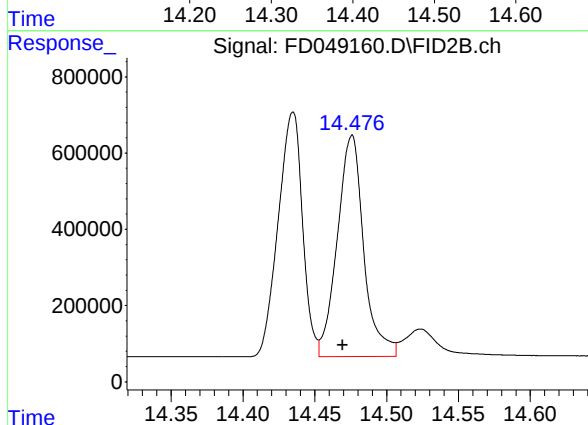
R.T.: 12.563 min
Delta R.T.: 0.004 min
Response: 8165876
Conc: 53.01 ug/ml

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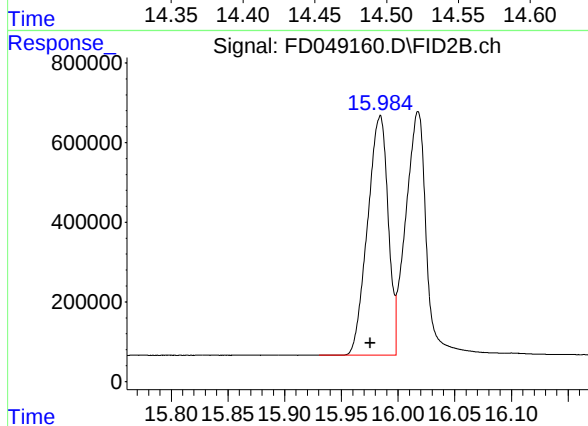
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.006 min
Response: 7533013
Conc: 57.33 ug/ml



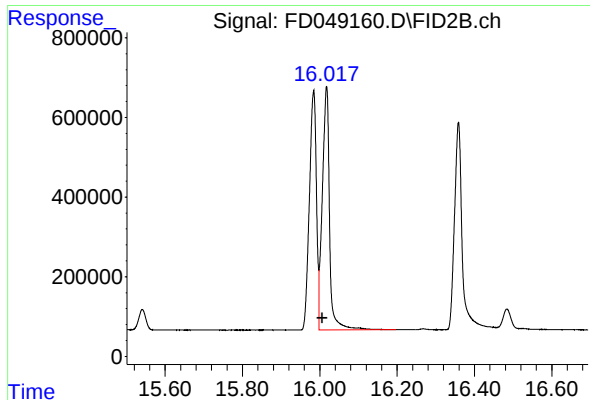
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.006 min
Response: 7422754
Conc: 45.91 ug/ml



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

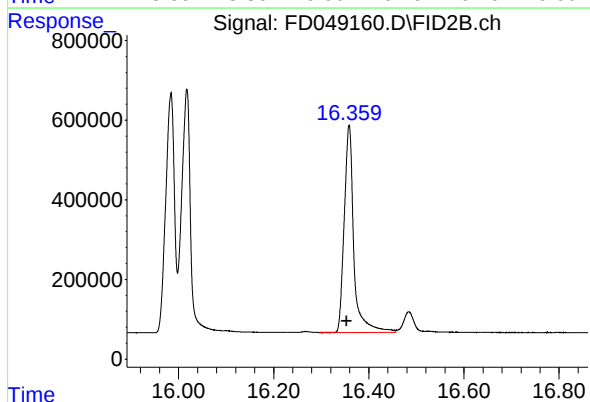
R.T.: 15.984 min
Delta R.T.: 0.009 min
Response: 7569764
Conc: 55.02 ug/ml



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

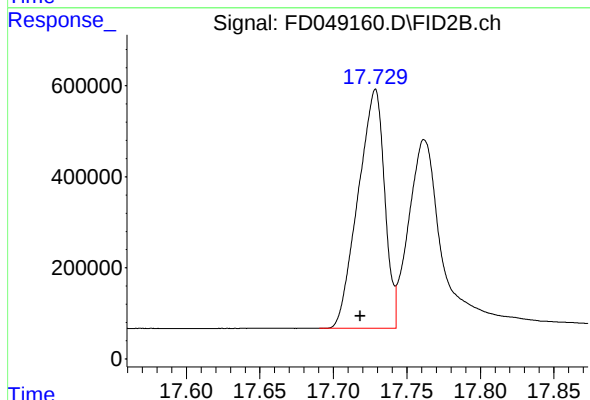
R.T.: 16.018 min
Delta R.T.: 0.011 min
Response: 7928873
Conc: 50.20 ug/ml

Instrument :
FID_D
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PB166976BS



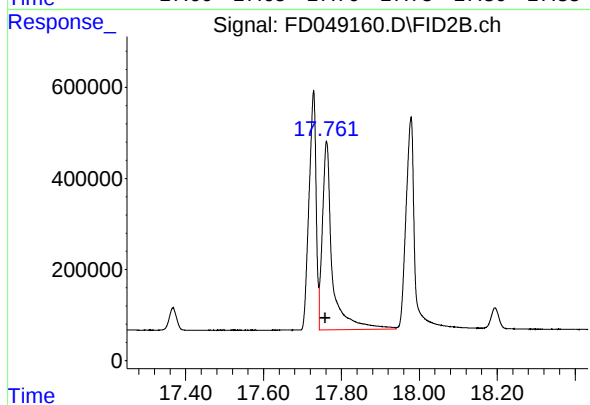
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: 0.005 min
Response: 7273189
Conc: 53.58 ug/ml



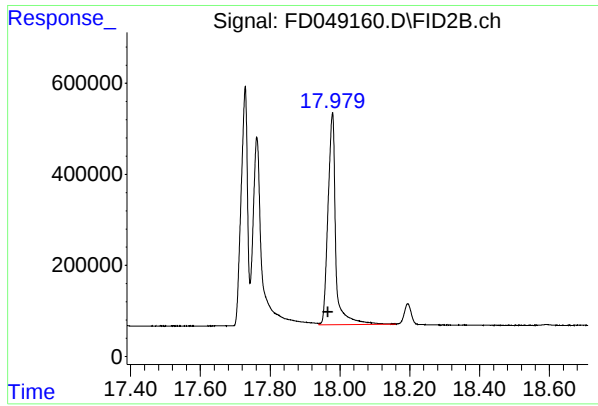
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.010 min
Response: 6578388
Conc: 60.20 ug/ml



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

R.T.: 17.762 min
Delta R.T.: 0.003 min
Response: 7368166
Conc: 47.49 ug/ml



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

R.T.: 17.979 min

Delta R.T.: 0.013 min

Response: 7187811

Conc: 49.59 ug/ml

Instrument :

FID_D

ClientSampleId :

PB166976BS