

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049464.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 17:08
 Operator : YP/AJ
 Sample : PB168441BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168441BS

Integration File: autoint1.e
 Quant Time: Jun 13 04:15:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.734	7345266	44.186 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
6) S 2-Fluorobiphenyl (SURR)	8.600	4994695	43.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.32%
11) S ortho-Terphenyl (SURR)	11.645	7743787	38.580 ug/ml
Spiked Amount 50.000		Recovery =	77.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3595306	22.597 ug/ml
2) T Naphthalene (C11.7)	6.068	4161135	23.699 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	4185284	23.428 ug/ml
5) T Acenaphthylene (C15.06)	8.401	4736403	24.451 ug/ml
7) T Acenaphthene (C15.5)	8.698	4870071	25.603 ug/ml
8) T Flouorene (C16.55)	9.479	5003892	25.593 ug/ml
9) T Phenanthrene (C19.36)	10.878	5107625	26.862 ug/ml
10) T Anthracene (C19.43)	10.953	5090619	29.119 ug/ml
12) T Fluoranthene (C21.85)	12.693	5190826	28.778 ug/ml
13) T Pyrene (C20.8)	12.991	5280821	29.588 ug/ml
14) T Benzo[a]anthracene (C...	14.863	4832217	31.794 ug/ml
15) T Chrysene (C27.41)	14.907	5596619	36.855 ug/ml
16) T benzo[b]fluoranthene ...	16.414	4644611	32.088 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	4608260	32.113 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	4501167	33.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	4614436	36.126 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	4277192	31.771 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	4208275	31.222 ug/ml

(f)=RT Delta > 1/2 Window

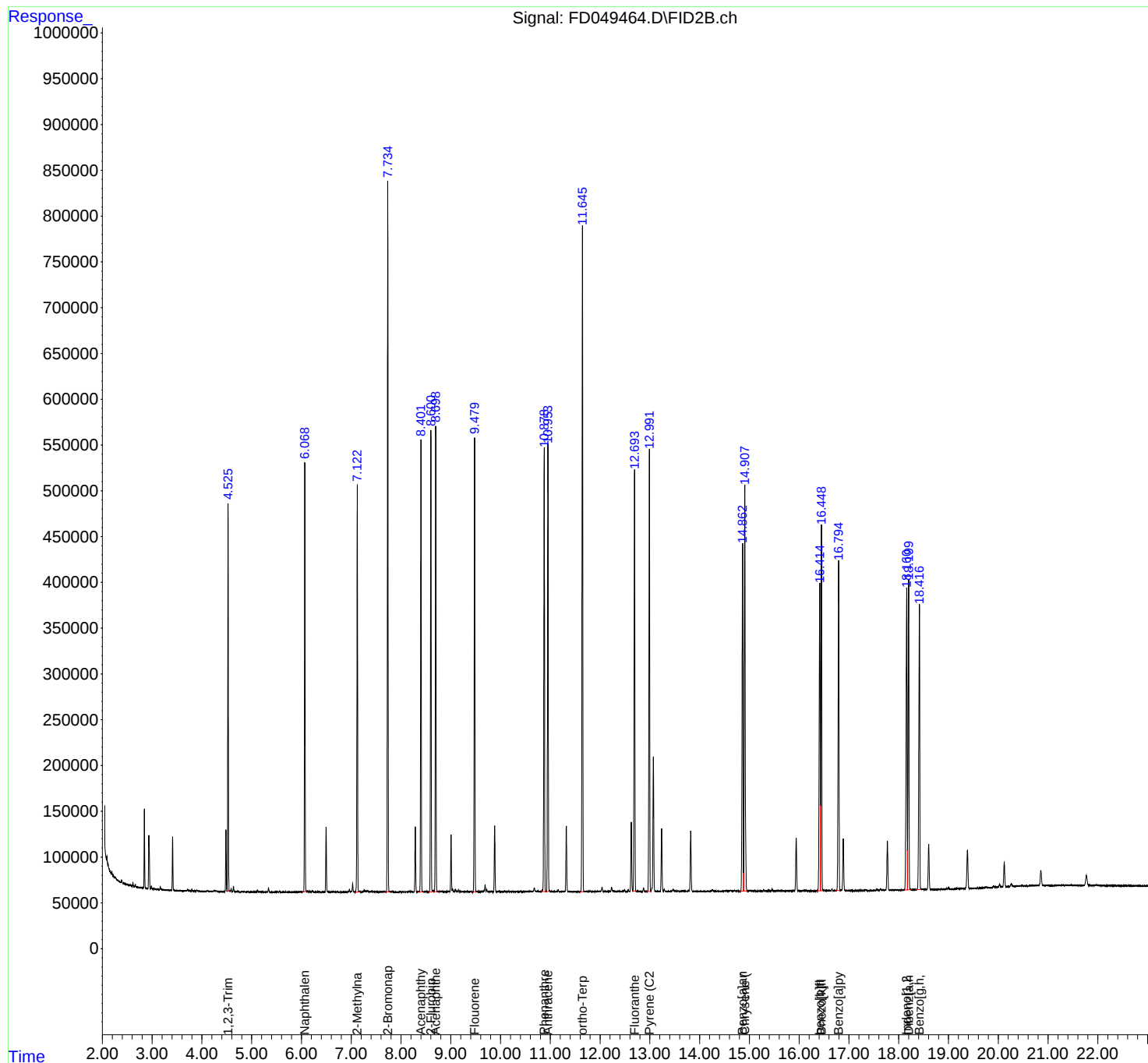
(m)=manual int.

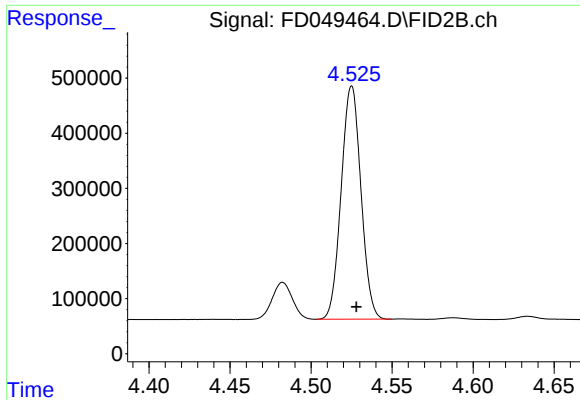
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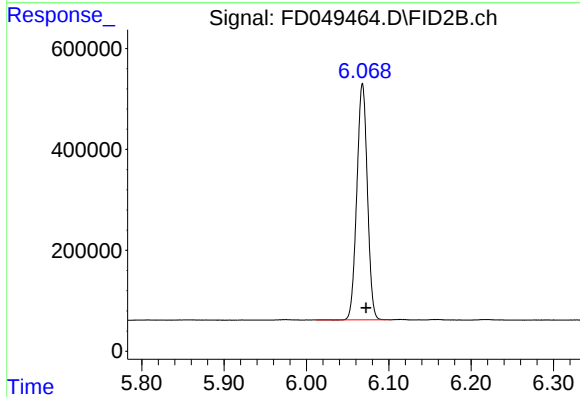




#1 1,2,3-Trimethylbenzene (C10.1)

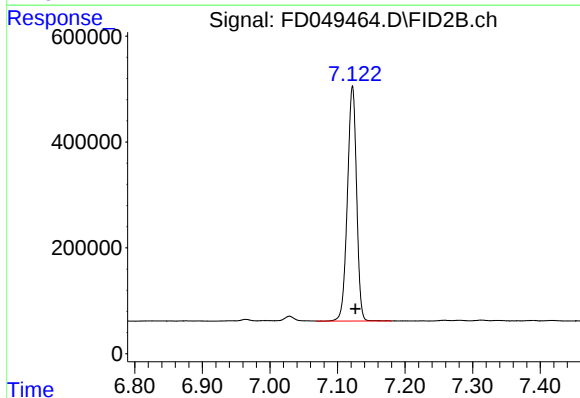
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3595306
Conc: 22.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168441BS



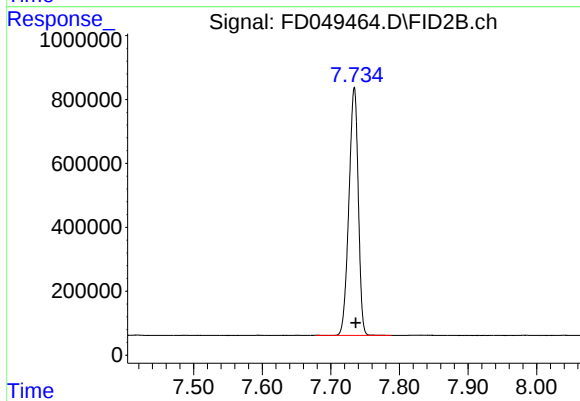
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 4161135
Conc: 23.70 ug/ml



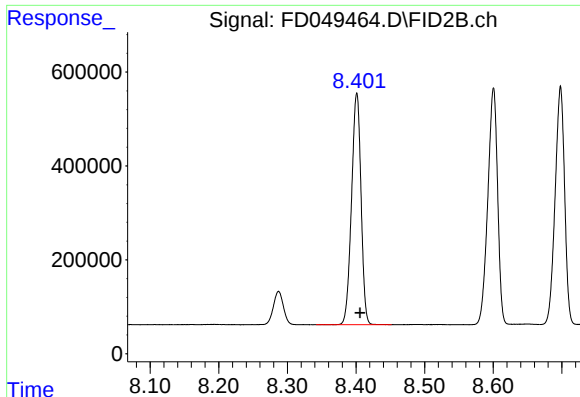
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 4185284
Conc: 23.43 ug/ml



#4 2-Bromonaphthalene (SURR)

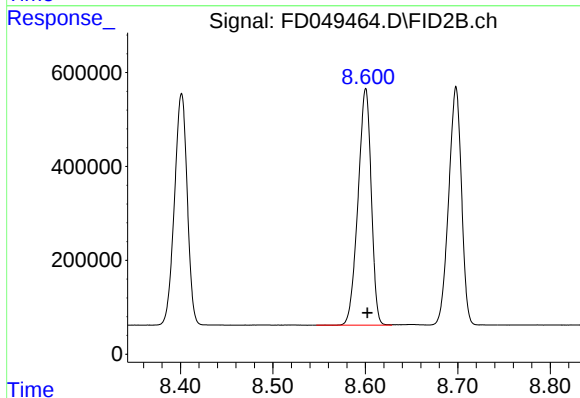
R.T.: 7.734 min
Delta R.T.: -0.002 min
Response: 7345266
Conc: 44.19 ug/ml



#5 Acenaphthylene (C15.06)

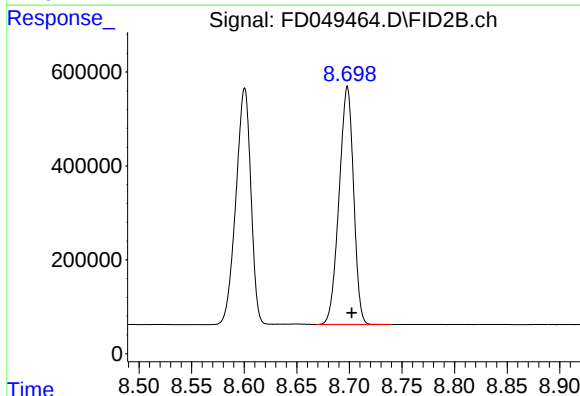
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 4736403
Conc: 24.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168441BS



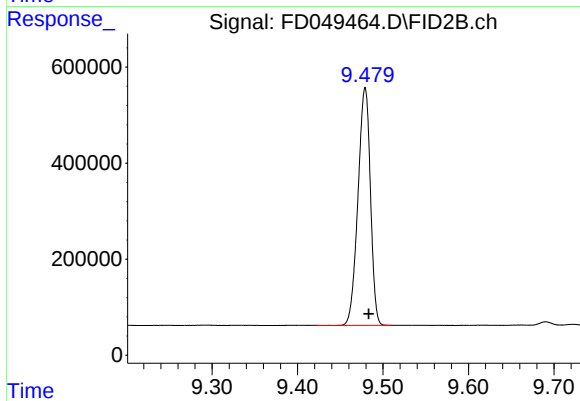
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 4994695
Conc: 43.66 ug/ml



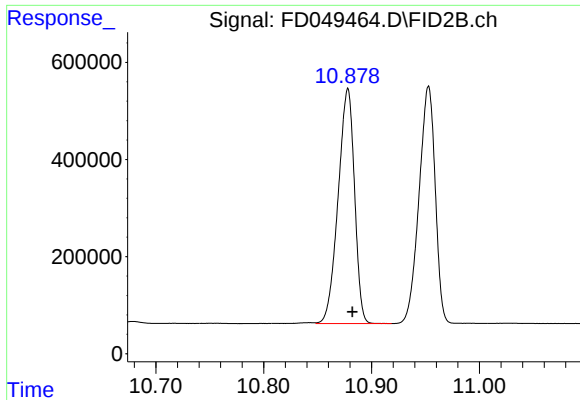
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: -0.004 min
Response: 4870071
Conc: 25.60 ug/ml



#8 Flouorene (C16.55)

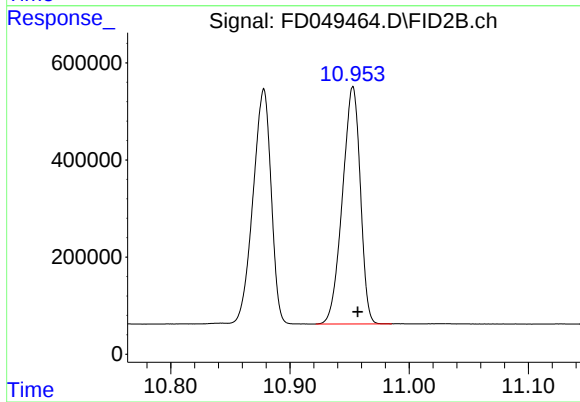
R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 5003892
Conc: 25.59 ug/ml



#9 Phenanthrene (C19.36)

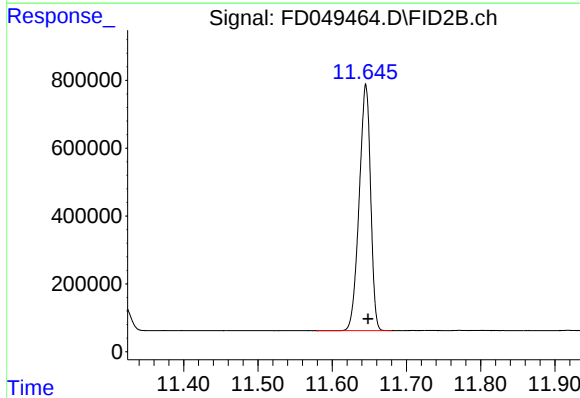
R.T.: 10.878 min
Delta R.T.: -0.004 min
Response: 5107625
Conc: 26.86 ug/ml

Instrument :
FID_D
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PB168441BS



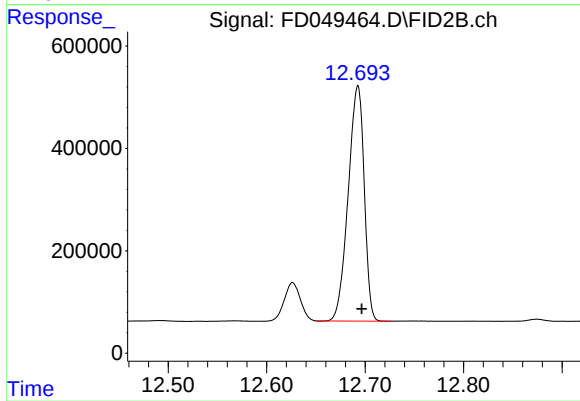
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.004 min
Response: 5090619
Conc: 29.12 ug/ml



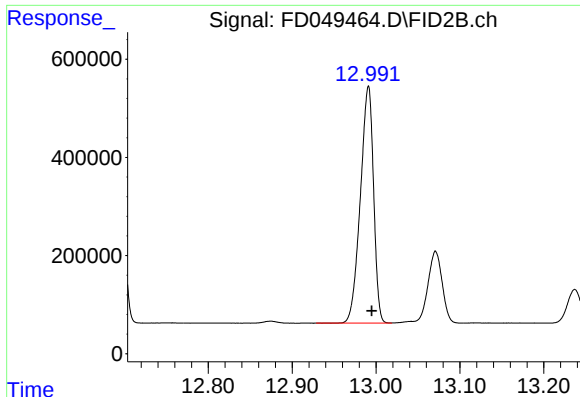
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 7743787
Conc: 38.58 ug/ml



#12 Fluoranthene (C21.85)

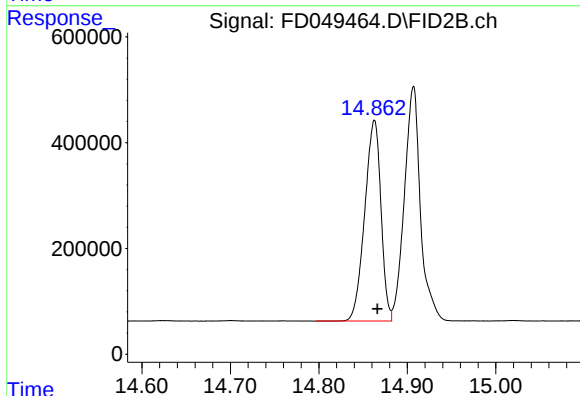
R.T.: 12.693 min
Delta R.T.: -0.004 min
Response: 5190826
Conc: 28.78 ug/ml



#13 Pyrene (C20.8)

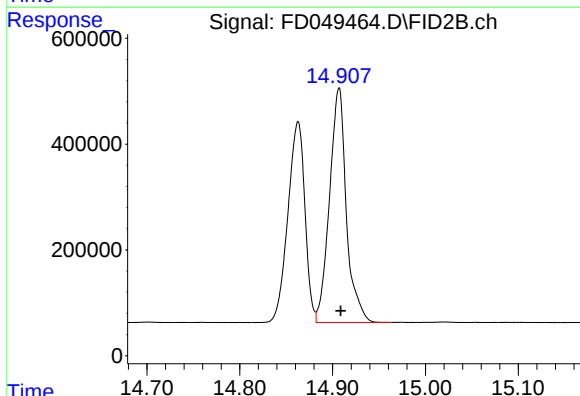
R.T.: 12.991 min
Delta R.T.: -0.004 min
Response: 5280821
Conc: 29.59 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168441BS



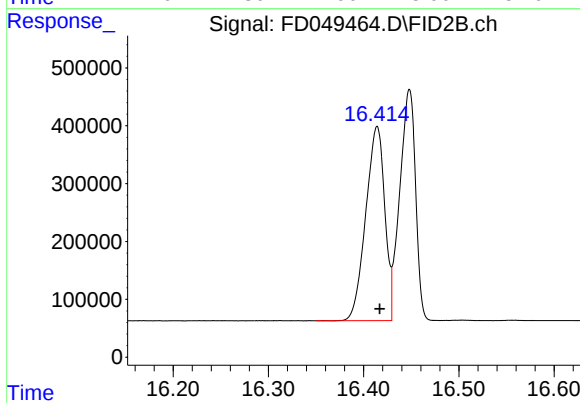
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: -0.003 min
Response: 4832217
Conc: 31.79 ug/ml



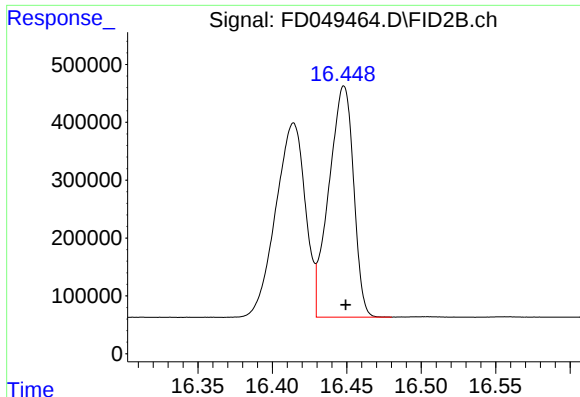
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: -0.002 min
Response: 5596619
Conc: 36.85 ug/ml



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

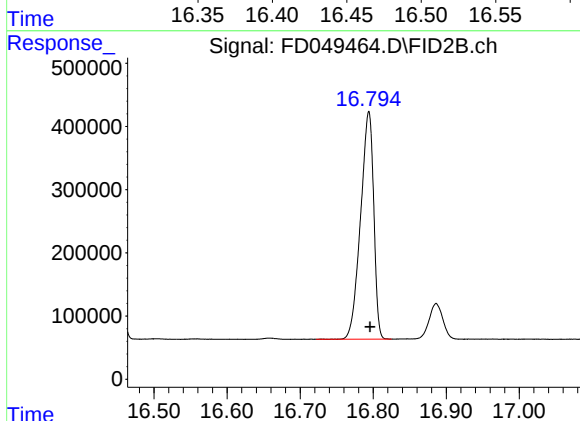
R.T.: 16.414 min
Delta R.T.: -0.003 min
Response: 4644611
Conc: 32.09 ug/ml



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

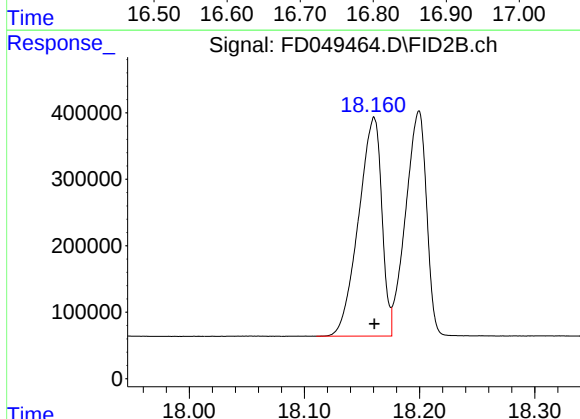
R.T.: 16.448 min
Delta R.T.: -0.001 min
Response: 4608260
Conc: 32.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168441BS



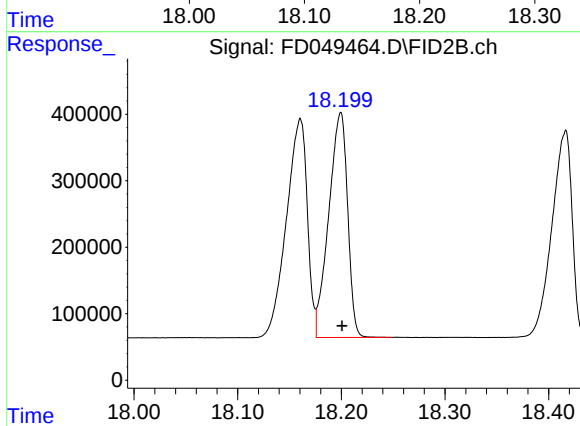
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: -0.002 min
Response: 4501167
Conc: 33.12 ug/ml



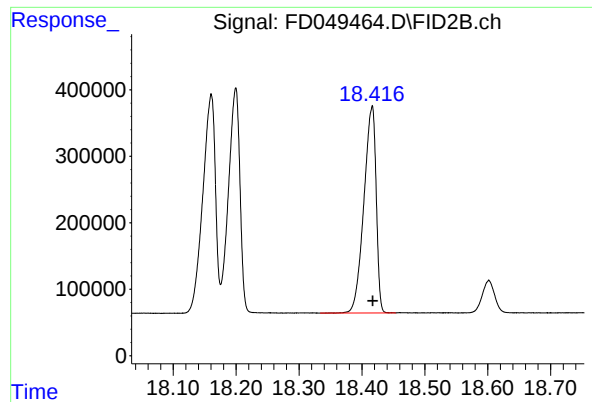
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.000 min
Response: 4614436
Conc: 36.13 ug/ml



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

R.T.: 18.199 min
Delta R.T.: -0.001 min
Response: 4277192
Conc: 31.77 ug/ml



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

R.T.: 18.416 min
Delta R.T.: -0.001 min
Response: 4208275
Conc: 31.22 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168441BS