

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062425AR\
 Data File : FD049506.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2025 10:03
 Operator : YP/AJ
 Sample : PB168591BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168591BS

Integration File: autoint1.e
 Quant Time: Jun 24 23:51:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.738	6390777	50.122 ug/ml
Spiked Amount 50.000		Recovery =	100.24%
6) S 2-Fluorobiphenyl (SURR)	8.603	4431565	49.911 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.82%
11) S ortho-Terphenyl (SURR)	11.647	6534564	41.205 ug/ml
Spiked Amount 50.000		Recovery =	82.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	4020419	34.616 ug/ml
2) T Naphthalene (C11.7)	6.074	5090455	37.924 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5088791	36.018 ug/ml
5) T Acenaphthylene (C15.06)	8.407	6146022	39.313 ug/ml
7) T Acenaphthene (C15.5)	8.703	6234038	41.609 ug/ml
8) T Flouorene (C16.55)	9.484	6649503	43.224 ug/ml
9) T Phenanthrene (C19.36)	10.883	6857906	43.033 ug/ml
10) T Anthracene (C19.43)	10.958	6472479	41.225 ug/ml
12) T Fluoranthene (C21.85)	12.698	7055705	44.560 ug/ml
13) T Pyrene (C20.8)	12.996	7024455	44.399 ug/ml
14) T Benzo[a]anthracene (C...	14.867	6939593	47.022 ug/ml
15) T Chrysene (C27.41)	14.912	7447607	49.965 ug/ml
16) T benzo[b]fluoranthene ...	16.419	6756515	48.085 ug/ml
17) T Bnezo[k]fluoranthene ...	16.454	6639801	49.992 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	6352040	46.462 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	6476043	52.895 ug/ml
20) T Dibenz[a,h]anthracene...	18.202	5838718	45.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.421	5872826	45.943 ug/ml

(f)=RT Delta > 1/2 Window

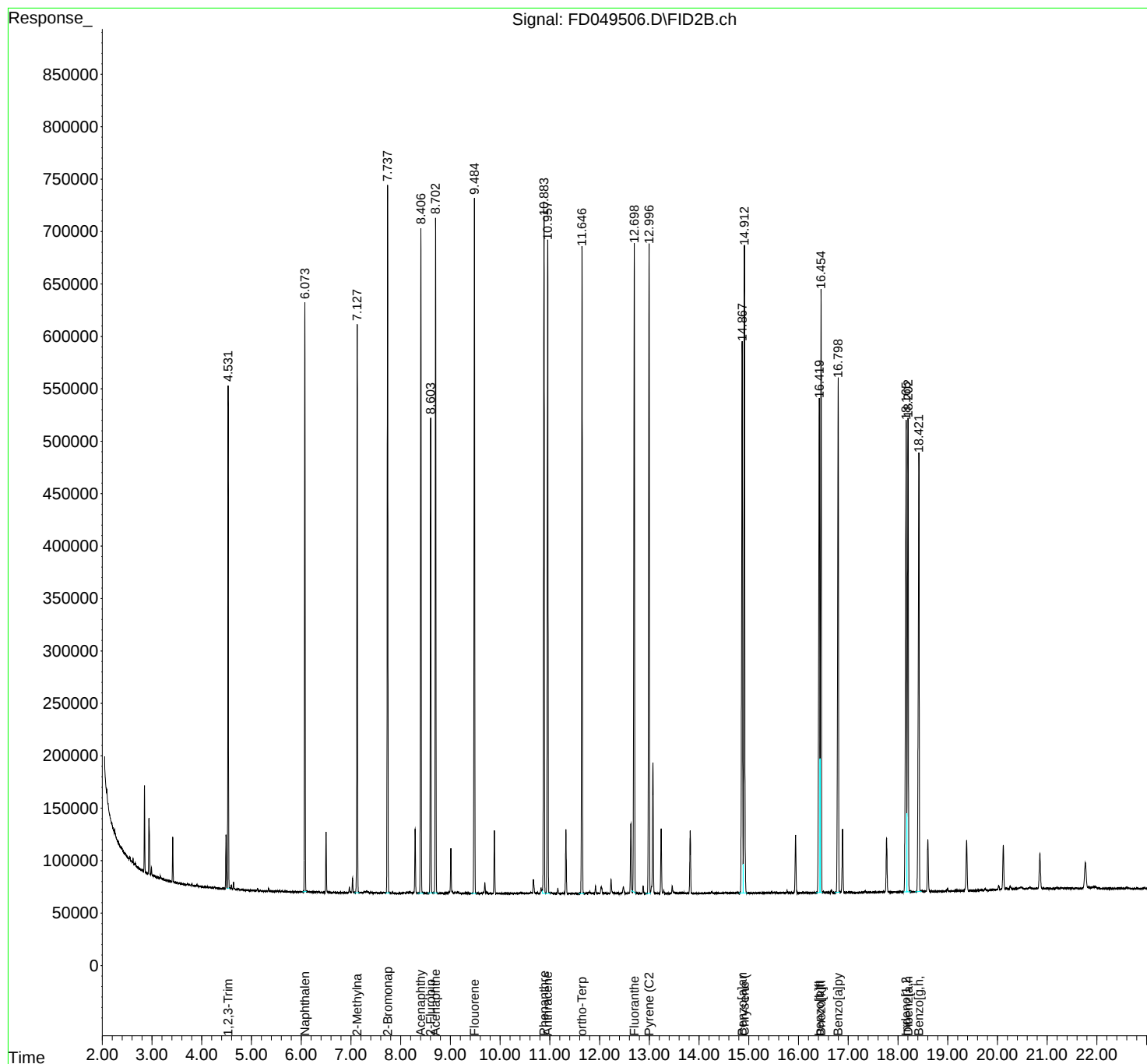
(m)=manual int.

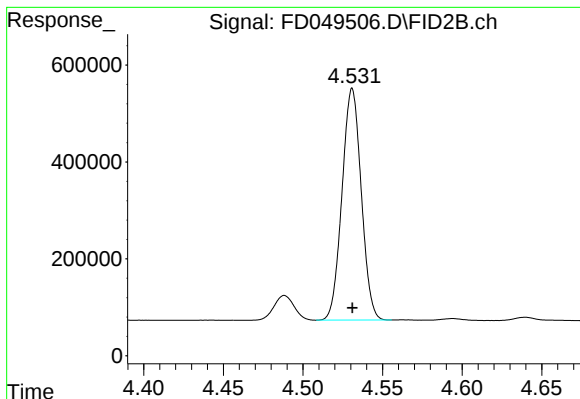
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#1 1,2,3-Trimethylbenzene (C10.1)

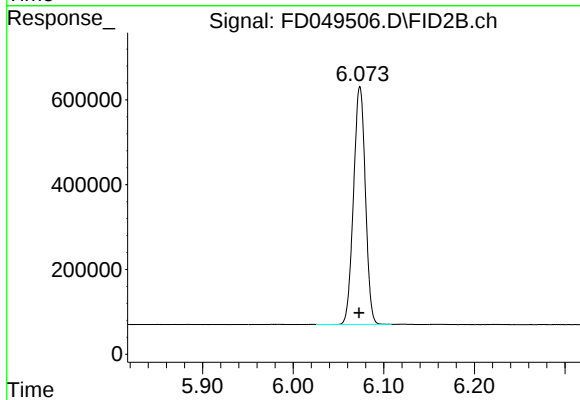
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 4020419
Conc: 34.62 ug/ml

Instrument :

FID_D

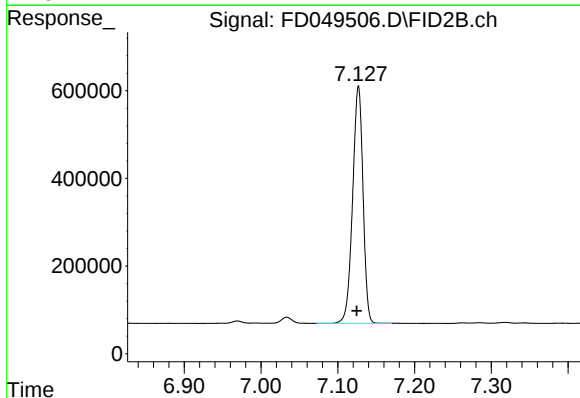
ClientSampleId :

PB168591BS



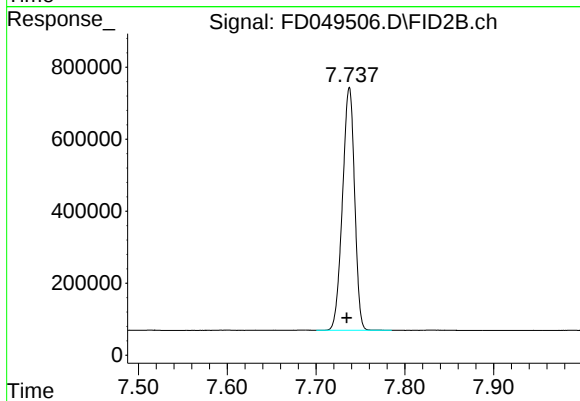
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 5090455
Conc: 37.92 ug/ml



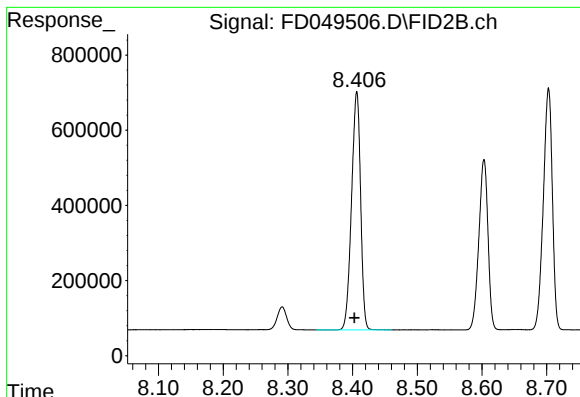
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 5088791
Conc: 36.02 ug/ml



#4 2-Bromonaphthalene (SURR)

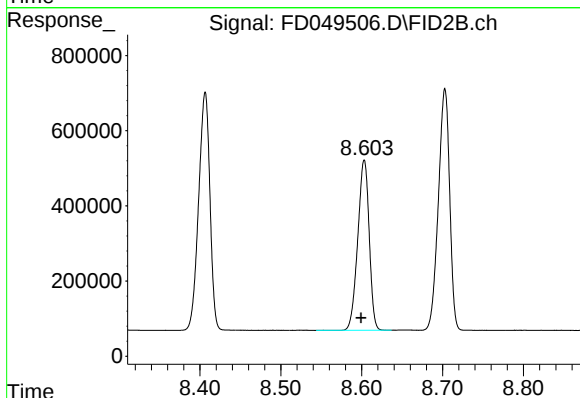
R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 6390777
Conc: 50.12 ug/ml



#5 Acenaphthylene (C15.06)

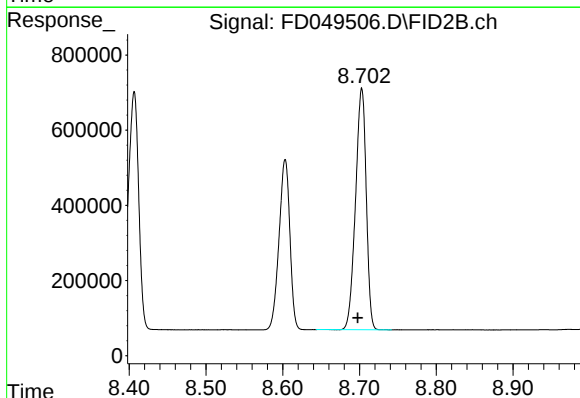
R.T.: 8.407 min
Delta R.T.: 0.004 min
Response: 6146022
Conc: 39.31 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168591BS



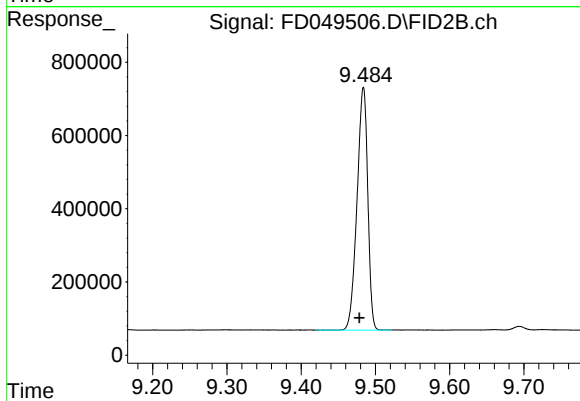
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.004 min
Response: 4431565
Conc: 49.91 ug/ml



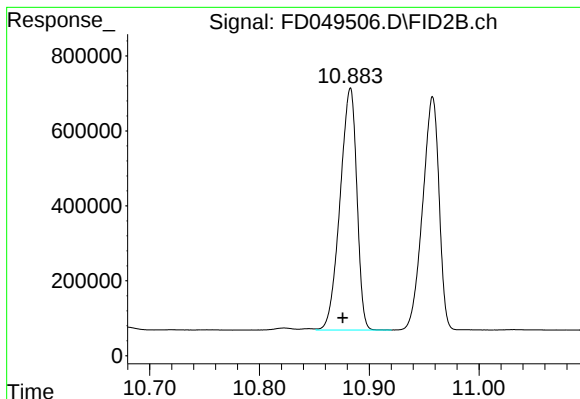
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.005 min
Response: 6234038
Conc: 41.61 ug/ml



#8 Fluorene (C16.55)

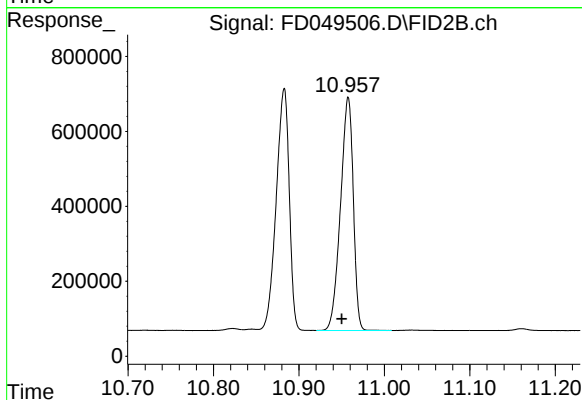
R.T.: 9.484 min
Delta R.T.: 0.005 min
Response: 6649503
Conc: 43.22 ug/ml



#9 Phenanthrene (C19.36)

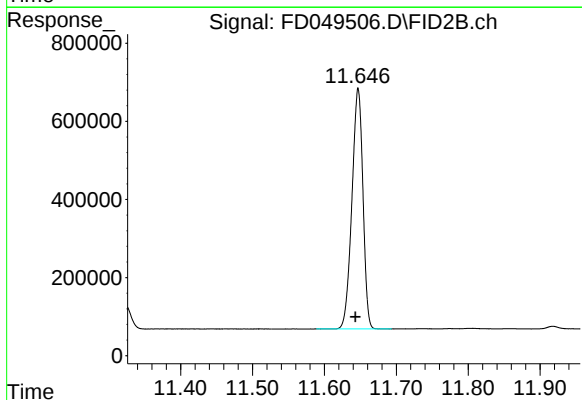
R.T.: 10.883 min
Delta R.T.: 0.007 min
Response: 6857906
Conc: 43.03 ug/ml

Instrument :
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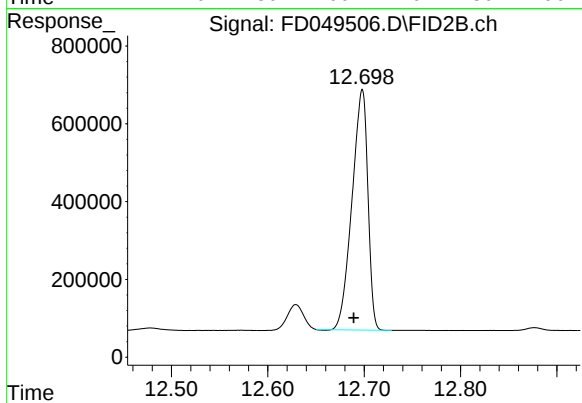
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.008 min
Response: 6472479
Conc: 41.23 ug/ml



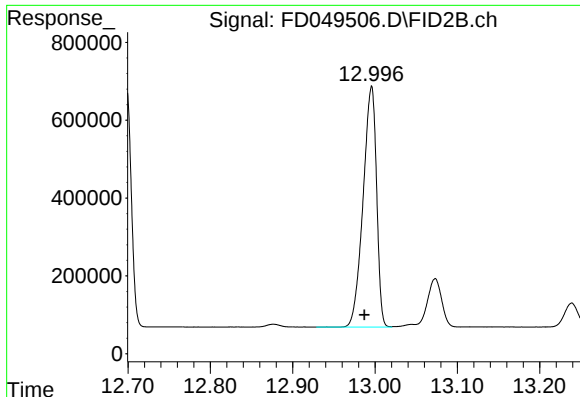
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.004 min
Response: 6534564
Conc: 41.20 ug/ml



#12 Fluoranthene (C21.85)

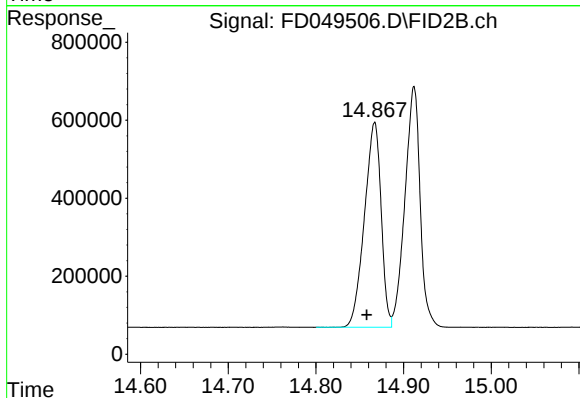
R.T.: 12.698 min
Delta R.T.: 0.009 min
Response: 7055705
Conc: 44.56 ug/ml



#13 Pyrene (C20.8)

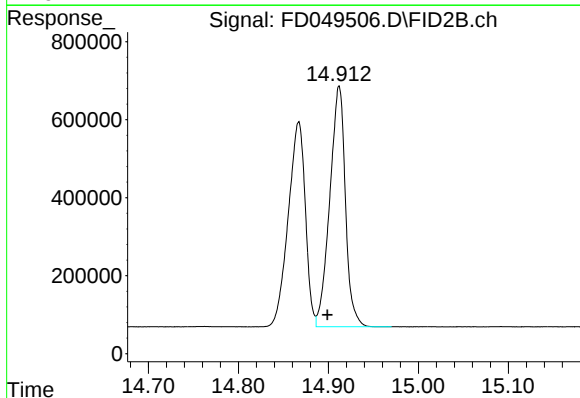
R.T.: 12.996 min
Delta R.T.: 0.009 min
Response: 7024455
Conc: 44.40 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168591BS



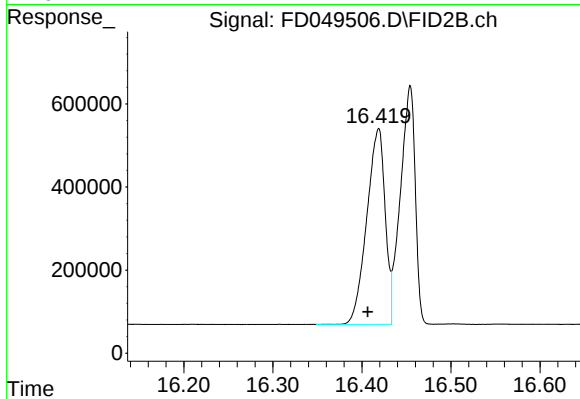
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.867 min
Delta R.T.: 0.009 min
Response: 6939593
Conc: 47.02 ug/ml



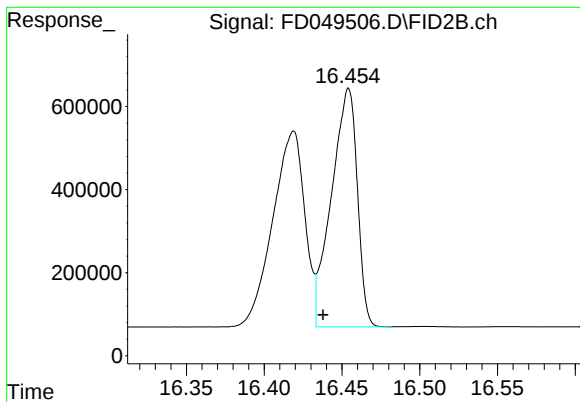
#15 Chrysene (C27.41)

R.T.: 14.912 min
Delta R.T.: 0.013 min
Response: 7447607
Conc: 49.97 ug/ml



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

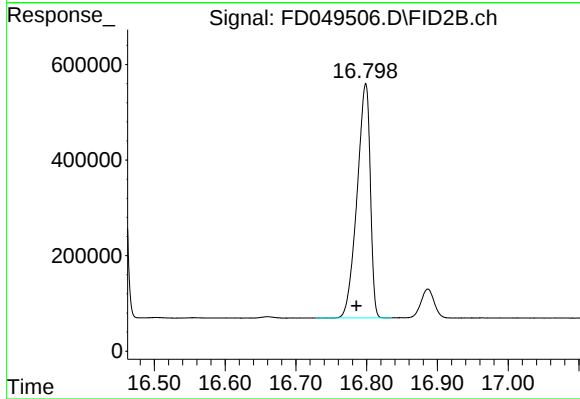
R.T.: 16.419 min
Delta R.T.: 0.012 min
Response: 6756515
Conc: 48.08 ug/ml



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

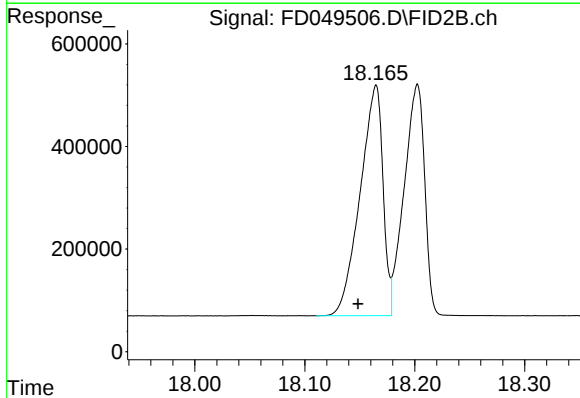
R.T.: 16.454 min
Delta R.T.: 0.016 min
Response: 6639801
Conc: 49.99 ug/ml

Instrument :
FID_D
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PB168591BS



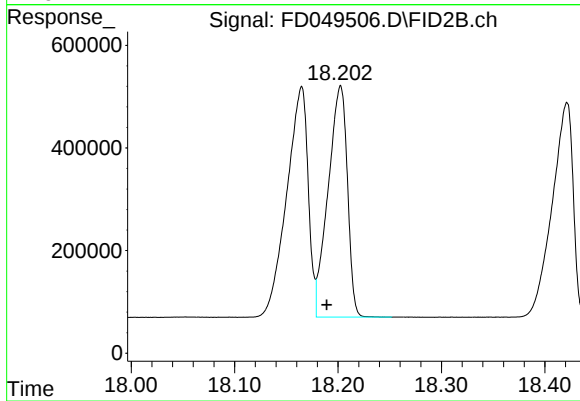
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: 0.013 min
Response: 6352040
Conc: 46.46 ug/ml



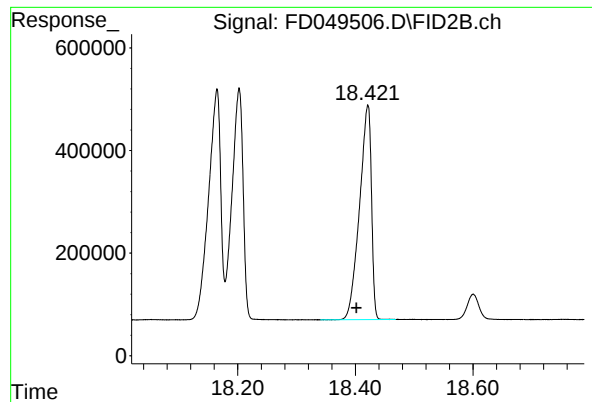
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.165 min
Delta R.T.: 0.016 min
Response: 6476043
Conc: 52.89 ug/ml



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

R.T.: 18.202 min
Delta R.T.: 0.013 min
Response: 5838718
Conc: 45.59 ug/ml



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

R.T.: 18.421 min
Delta R.T.: 0.019 min
Response: 5872826
Conc: 45.94 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168591BS