

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FG015596.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 16:31
 Operator : YP\AJ
 Sample : PB167402BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167402BS

Integration File: autoint1.e
 Quant Time: Apr 02 01:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.960	5910150	48.382 ug/ml
Spiked Amount 50.000		Recovery =	96.76%
6) S 2-Fluorobiphenyl (SURR)	8.838	3265752	39.510 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.02%
11) S ortho-Terphenyl (SURR)	11.912	6323005	43.359 ug/ml
Spiked Amount 50.000		Recovery =	86.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.549	4787739	36.029 ug/ml
2) T Naphthalene (C11.7)	6.228	6006055	44.454 ug/ml
3) T 2-Methylnaphthalene (...)	7.331	6193942	46.434 ug/ml
5) T Acenaphthylene (C15.06)	8.637	7665176	54.121 ug/ml
7) T Acenaphthene (C15.5)	8.940	8020359	58.786 ug/ml
8) T Fluorene (C16.55)	9.732	8095619	57.990 ug/ml
9) T Phenanthrene (C19.36)	11.144	8121394	57.646 ug/ml
10) T Anthracene (C19.43)	11.220	8157616	59.614 ug/ml
12) T Fluoranthene (C21.85)	12.972	8061976	56.534 ug/ml
13) T Pyrene (C20.8)	13.272	8144494	58.045 ug/ml
14) T Benzo[a]anthracene (C...	15.159	7520695	55.449 ug/ml
15) T Chrysene (C27.41)	15.204	9133269	65.242 ug/ml
16) T benzo[b]fluoranthene ...	16.724	7550768	57.142 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	8184545	59.944 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.106	7415221	59.132 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	6566370	59.018 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	7567050	58.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	6942055	58.095 ug/ml

(f)=RT Delta > 1/2 Window

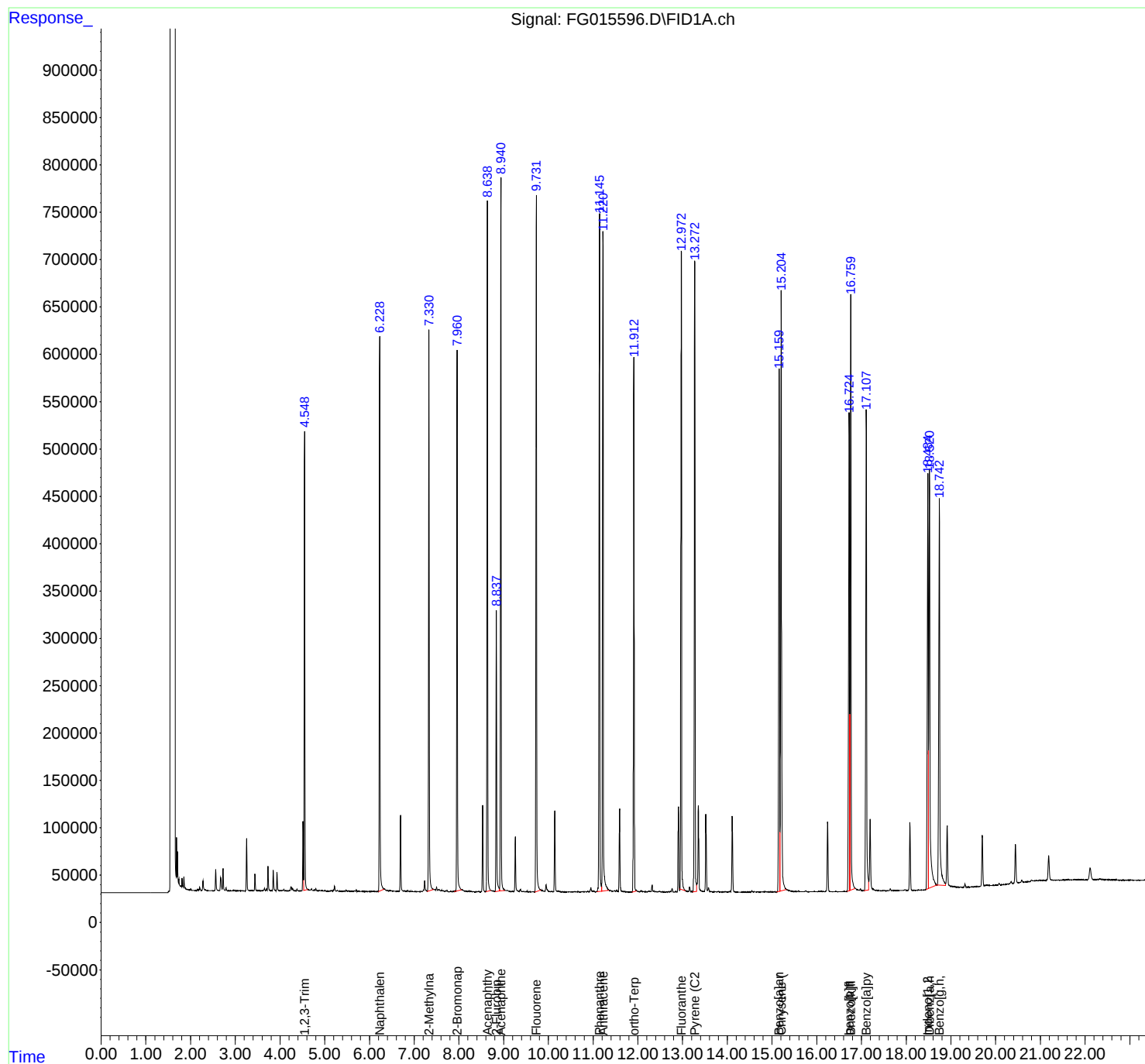
(m)=manual int.

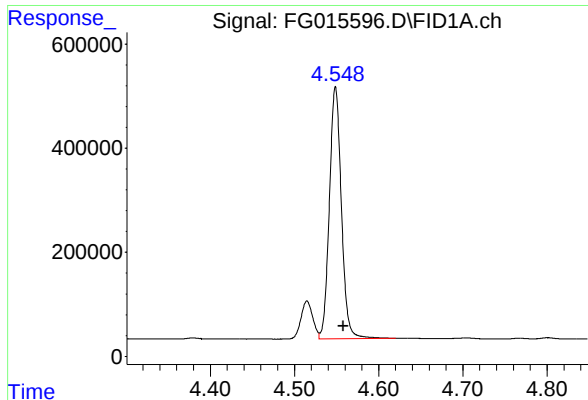
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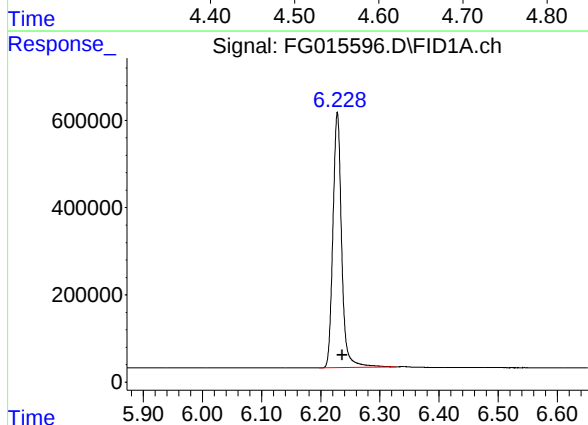




#1 1,2,3-Trimethylbenzene (C10.1)

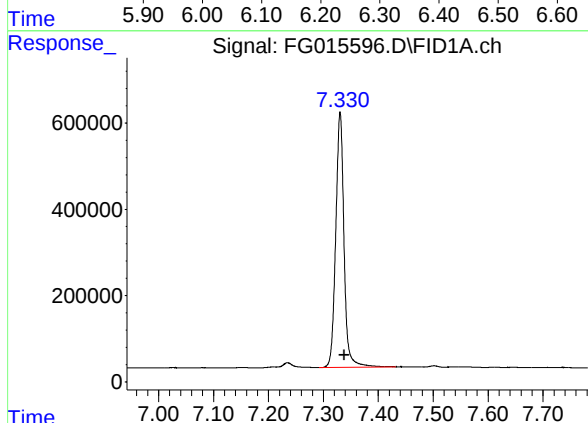
R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 4787739
Conc: 36.03 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167402BS



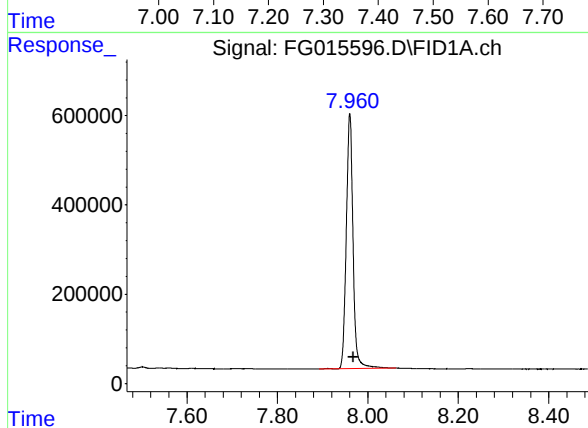
#2 Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.009 min
Response: 6006055
Conc: 44.45 ug/ml



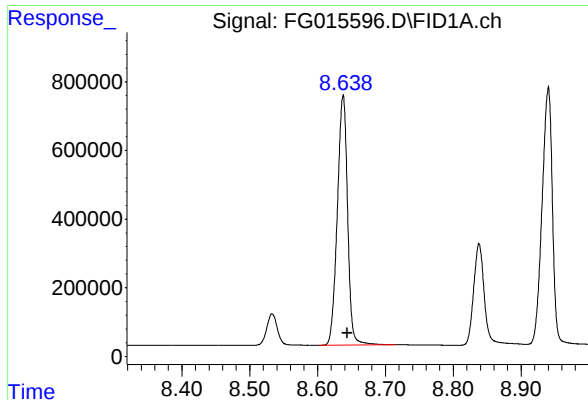
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.008 min
Response: 6193942
Conc: 46.43 ug/ml



#4 2-Bromonaphthalene (SURR)

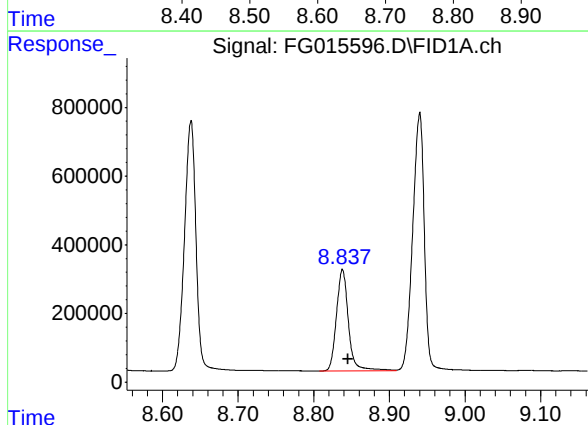
R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 5910150
Conc: 48.38 ug/ml



#5 Acenaphthylene (C15.06)

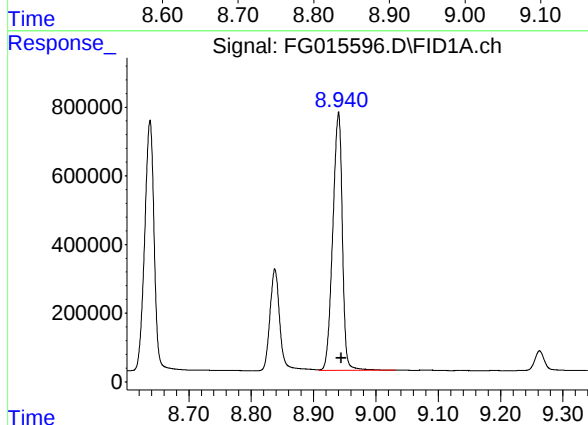
R.T.: 8.637 min
Delta R.T.: -0.006 min
Response: 7665176
Conc: 54.12 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167402BS



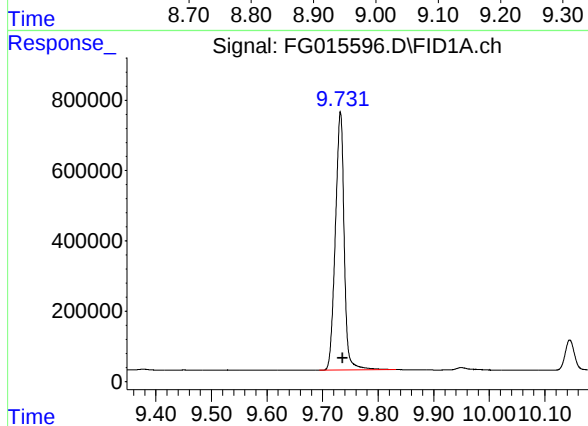
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 3265752
Conc: 39.51 ug/ml



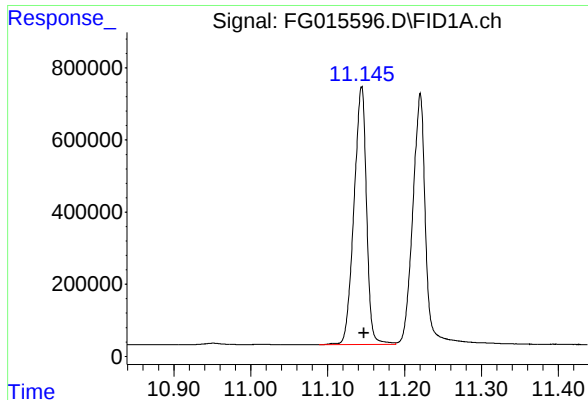
#7 Acenaphthene (C15.5)

R.T.: 8.940 min
Delta R.T.: -0.004 min
Response: 8020359
Conc: 58.79 ug/ml



#8 Flouorene (C16.55)

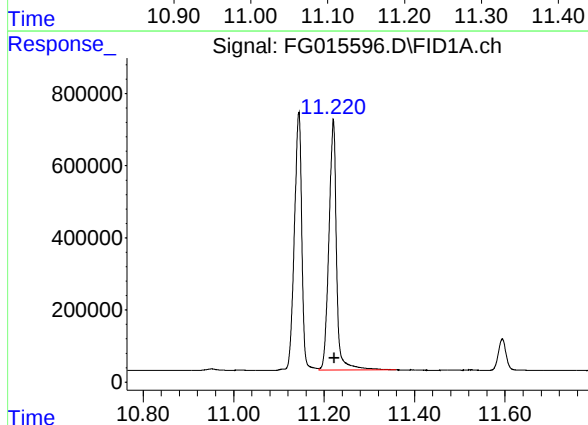
R.T.: 9.732 min
Delta R.T.: -0.005 min
Response: 8095619
Conc: 57.99 ug/ml



#9 Phenanthrene (C19.36)

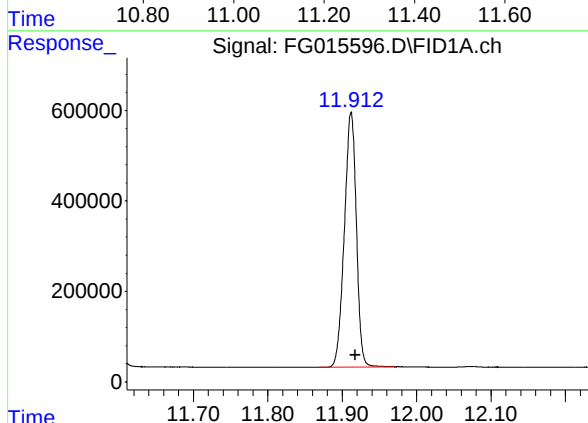
R.T.: 11.144 min
Delta R.T.: -0.004 min
Response: 8121394
Conc: 57.65 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167402BS



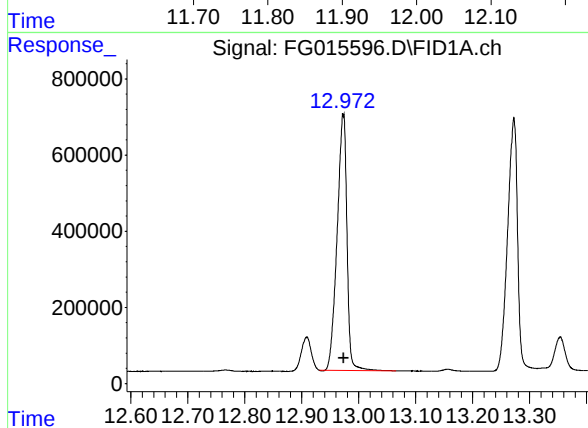
#10 Anthracene (C19.43)

R.T.: 11.220 min
Delta R.T.: -0.003 min
Response: 8157616
Conc: 59.61 ug/ml



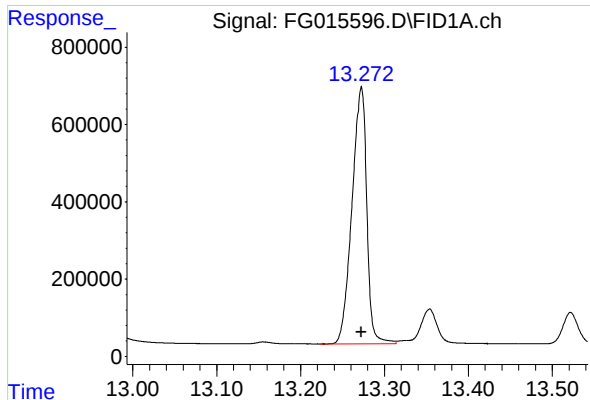
#11 ortho-Terphenyl (SURRE)

R.T.: 11.912 min
Delta R.T.: -0.006 min
Response: 6323005
Conc: 43.36 ug/ml



#12 Fluoranthene (C21.85)

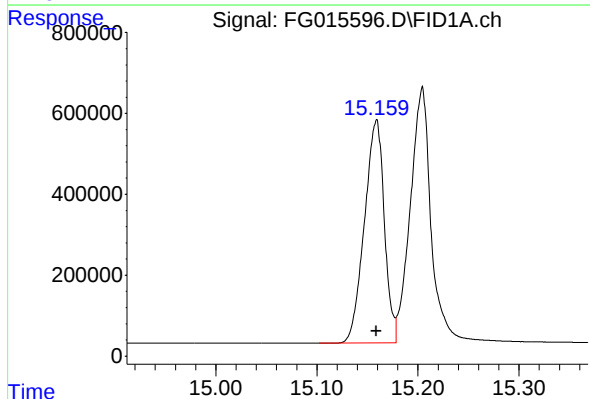
R.T.: 12.972 min
Delta R.T.: -0.001 min
Response: 8061976
Conc: 56.53 ug/ml



#13 Pyrene (C20.8)

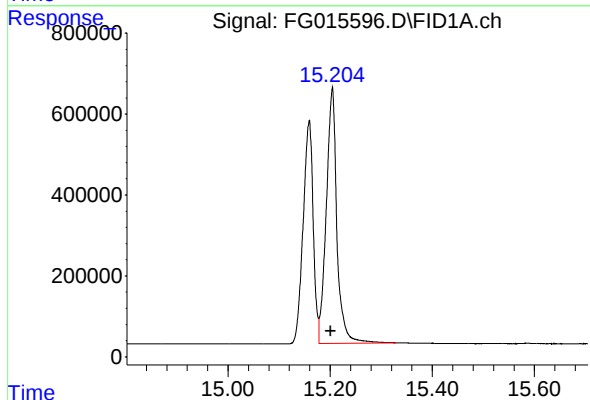
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 8144494
Conc: 58.04 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167402BS



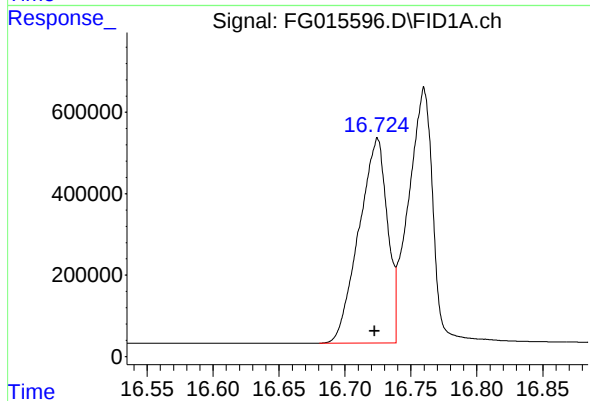
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 7520695
Conc: 55.45 ug/ml



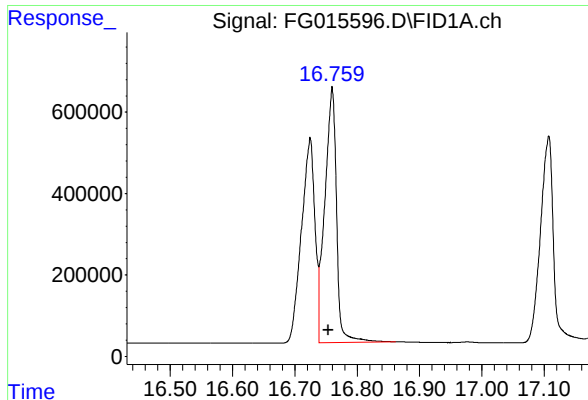
#15 Chrysene (C27.41)

R.T.: 15.204 min
Delta R.T.: 0.003 min
Response: 9133269
Conc: 65.24 ug/ml



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

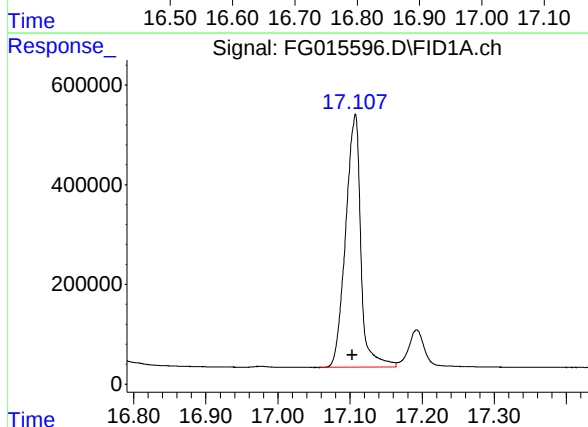
R.T.: 16.724 min
Delta R.T.: 0.001 min
Response: 7550768
Conc: 57.14 ug/ml



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

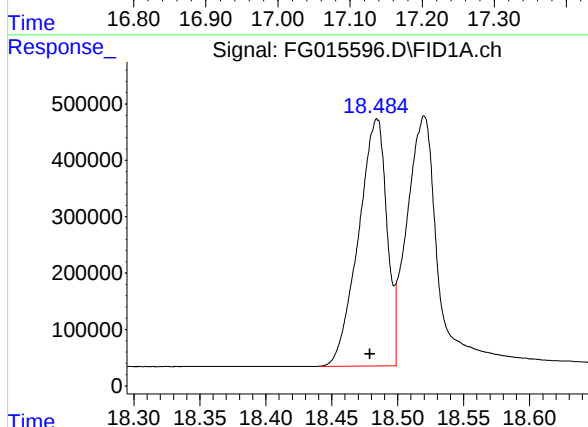
R.T.: 16.759 min
Delta R.T.: 0.005 min
Response: 8184545
Conc: 59.94 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167402BS



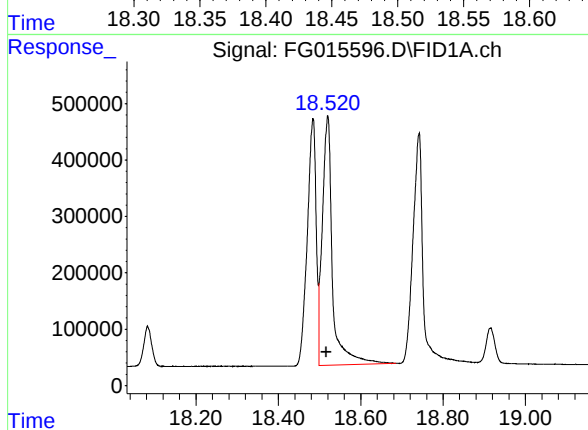
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.106 min
Delta R.T.: 0.003 min
Response: 7415221
Conc: 59.13 ug/ml



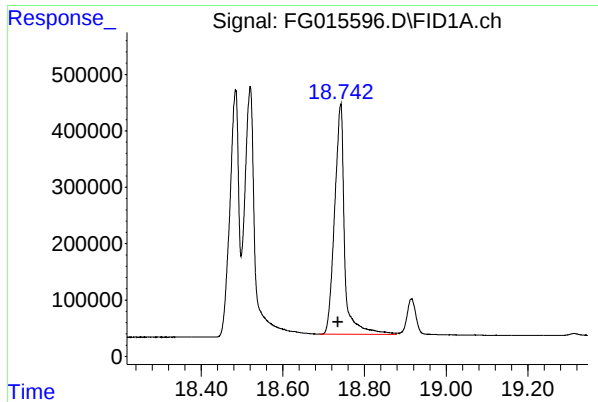
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.005 min
Response: 6566370
Conc: 59.02 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.003 min
Response: 7567050
Conc: 58.80 ug/ml



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

R.T.: 18.741 min

Delta R.T.: 0.006 min

Response: 6942055

Conc: 58.10 ug/ml

Instrument :

FID_G

ClientSampleId :

PB167402BS