

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FG015599.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 17:58
 Operator : YP\AJ
 Sample : Q1664-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 P001-BBDGA-001-01MS

Integration File: autoint1.e
 Quant Time: Apr 02 01:16:44 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...	7.961	6103825	49.968 ug/ml
Spiked Amount 50.000		Recovery =	99.94%
6) S 2-Fluorobiphenyl (SURR)	8.839	3449498	41.733 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.47%
11) S ortho-Terphenyl (SURR)	11.913	7392503	50.693 ug/ml
Spiked Amount 50.000		Recovery =	101.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	5348355	40.248 ug/ml
2) T Naphthalene (C11.7)	6.230	6270201	46.409 ug/ml
3) T 2-Methylnaphthalene (...)	7.331	5981182	44.839 ug/ml
5) T Acenaphthylene (C15.06)	8.638	6761375	47.740 ug/ml
7) T Acenaphthene (C15.5)	8.939	6827836	50.045 ug/ml
8) T Fluorene (C16.55)	9.732	7108247	50.917 ug/ml
9) T Phenanthrene (C19.36)	11.143	6947489	49.314 ug/ml
10) T Anthracene (C19.43)	11.219	6814746	49.800 ug/ml
12) T Fluoranthene (C21.85)	12.971	7018075	49.213 ug/ml
13) T Pyrene (C20.8)	13.270	6796393	48.437 ug/ml
14) T Benzo[a]anthracene (C...	15.159	6557048	48.344 ug/ml
15) T Chrysene (C27.41)	15.202	8024039	57.318 ug/ml
16) T benzo[b]fluoranthene ...	16.724	6750614	51.087 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	7527960	55.135 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.105	6600303	52.633 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.483	5786670	52.010 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	7151322	55.574 ug/ml
21) T Benzo[g,h,i]perylene ...	18.740	6313347	52.834 ug/ml

(f)=RT Delta > 1/2 Window

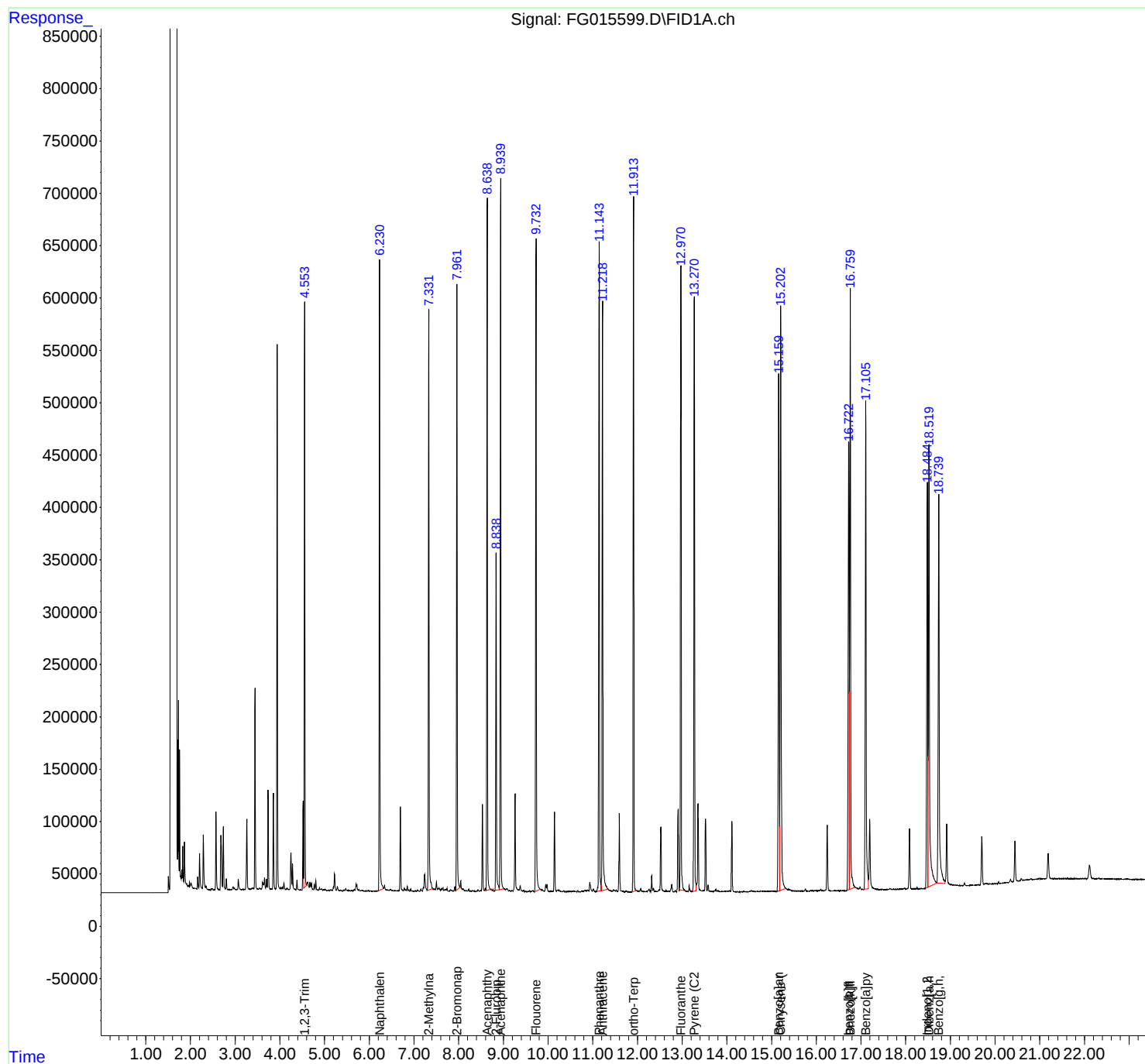
(m)=manual int.

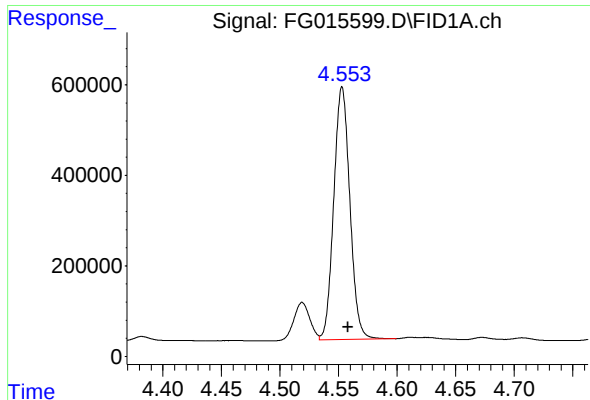
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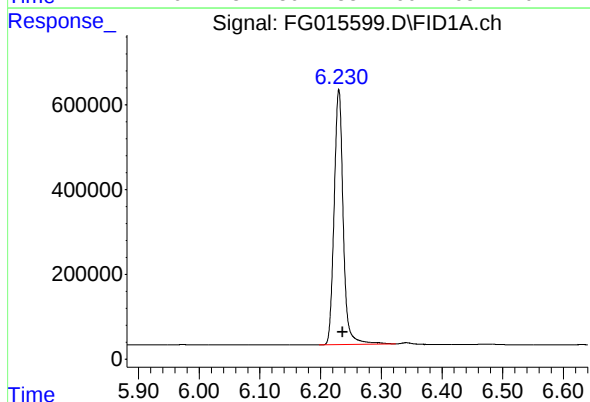




#1 1,2,3-Trimethylbenzene (C10.1)

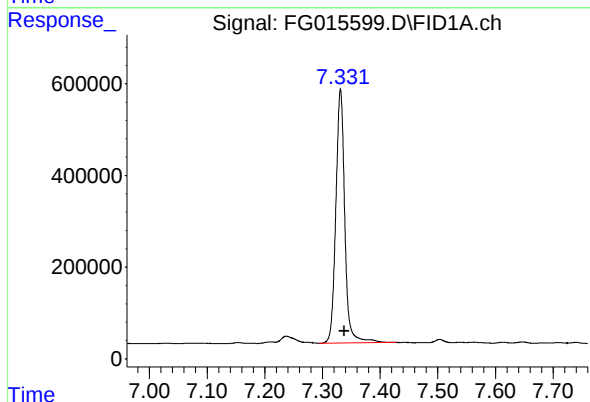
R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 5348355
Conc: 40.25 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



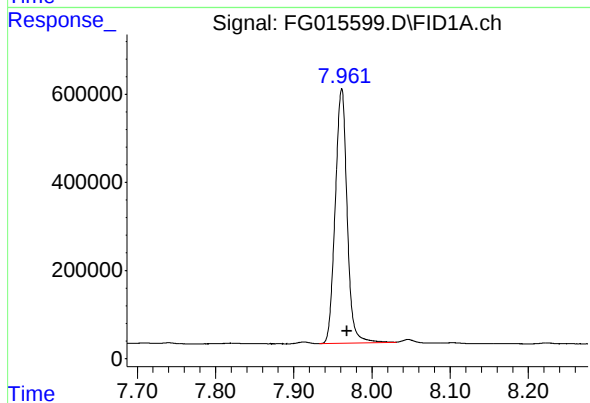
#2 Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 6270201
Conc: 46.41 ug/ml



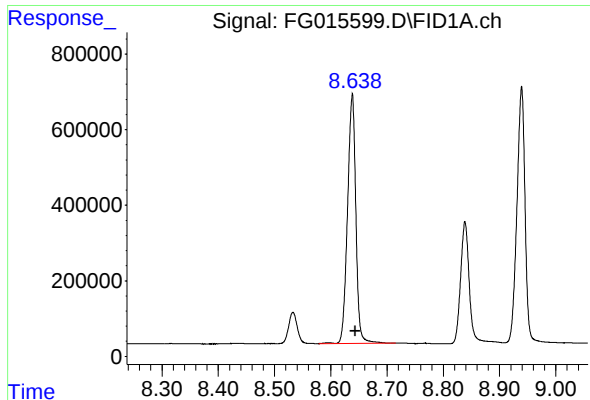
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 5981182
Conc: 44.84 ug/ml



#4 2-Bromonaphthalene (SURR)

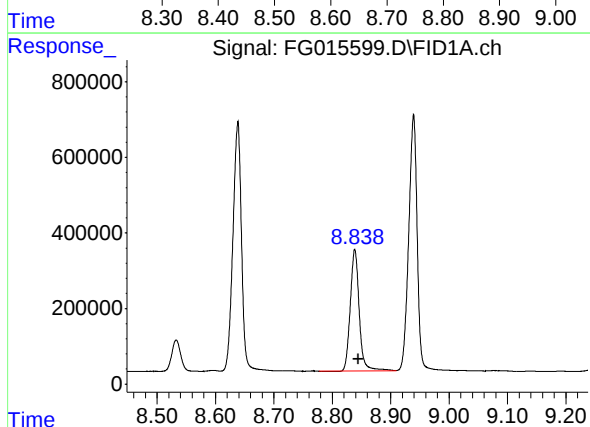
R.T.: 7.961 min
Delta R.T.: -0.007 min
Response: 6103825
Conc: 49.97 ug/ml



#5 Acenaphthylene (C15.06)

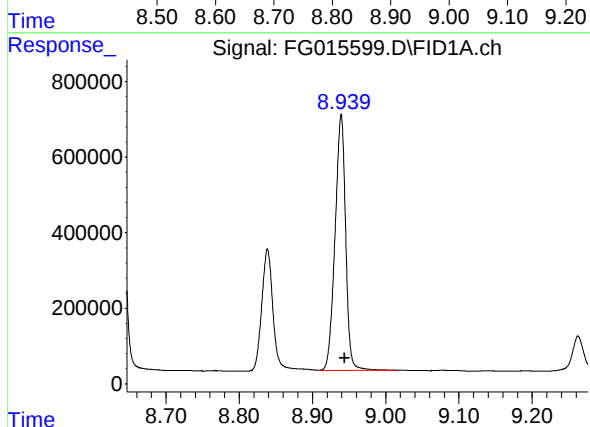
R.T.: 8.638 min
Delta R.T.: -0.006 min
Response: 6761375
Conc: 47.74 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



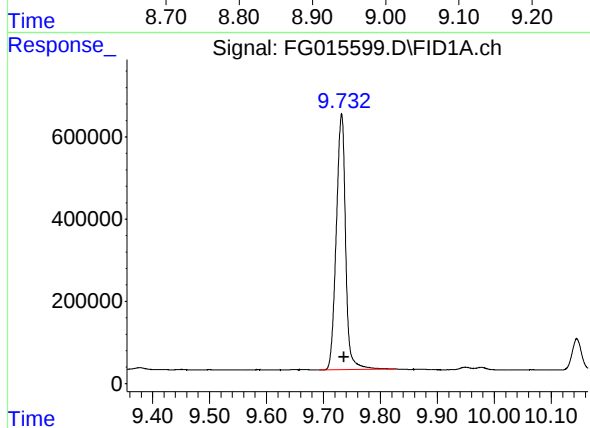
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.839 min
Delta R.T.: -0.006 min
Response: 3449498
Conc: 41.73 ug/ml



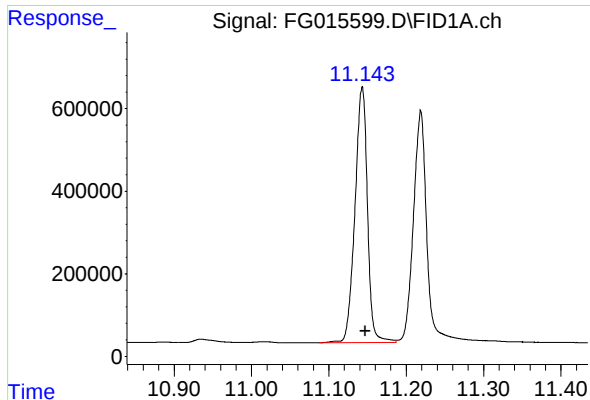
#7 Acenaphthene (C15.5)

R.T.: 8.939 min
Delta R.T.: -0.005 min
Response: 6827836
Conc: 50.05 ug/ml



#8 Fluorene (C16.55)

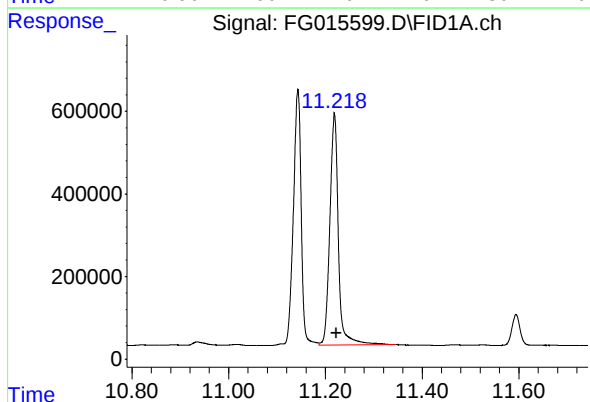
R.T.: 9.732 min
Delta R.T.: -0.005 min
Response: 7108247
Conc: 50.92 ug/ml



#9 Phenanthrene (C19.36)

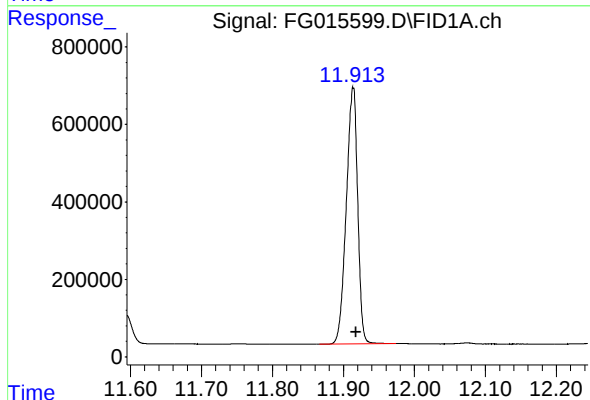
R.T.: 11.143 min
Delta R.T.: -0.004 min
Response: 6947489
Conc: 49.31 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



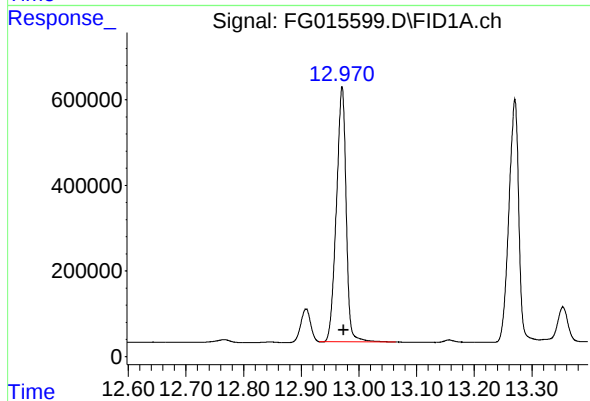
#10 Anthracene (C19.43)

R.T.: 11.219 min
Delta R.T.: -0.004 min
Response: 6814746
Conc: 49.80 ug/ml



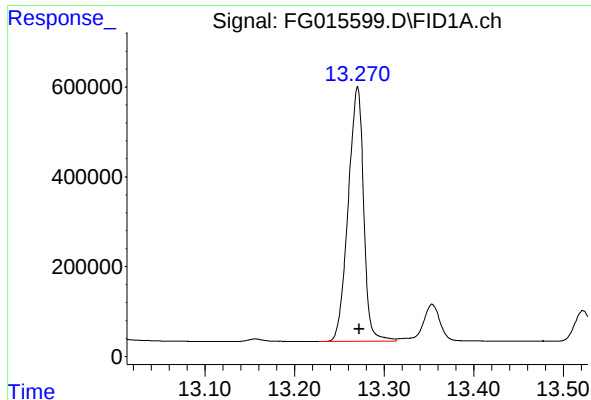
#11 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: -0.004 min
Response: 7392503
Conc: 50.69 ug/ml



#12 Fluoranthene (C21.85)

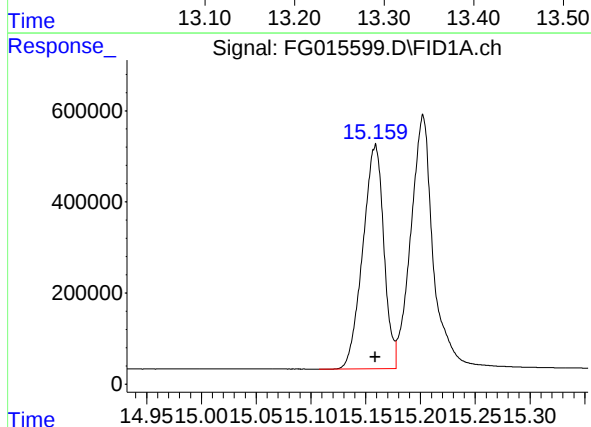
R.T.: 12.971 min
Delta R.T.: -0.003 min
Response: 7018075
Conc: 49.21 ug/ml



#13 Pyrene (C20.8)

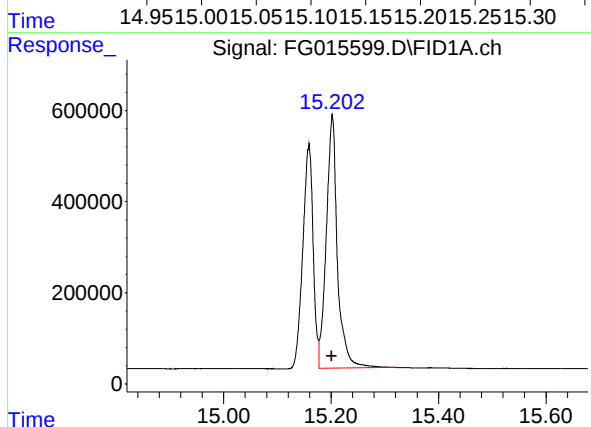
R.T.: 13.270 min
Delta R.T.: -0.003 min
Response: 6796393
Conc: 48.44 ug/ml

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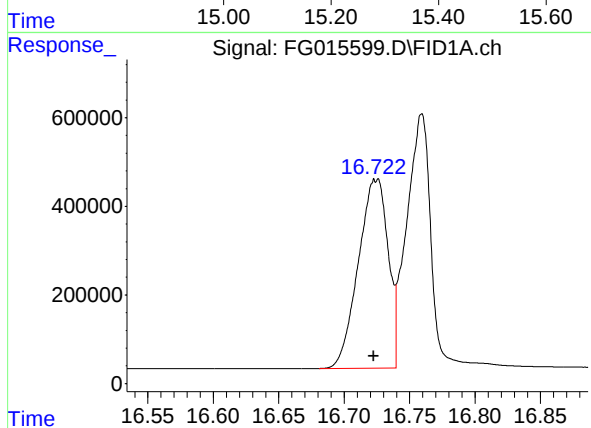
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 6557048
Conc: 48.34 ug/ml



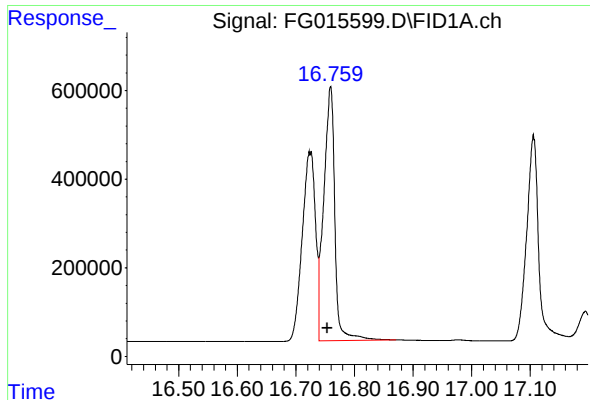
#15 Chrysene (C27.41)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 8024039
Conc: 57.32 ug/ml



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

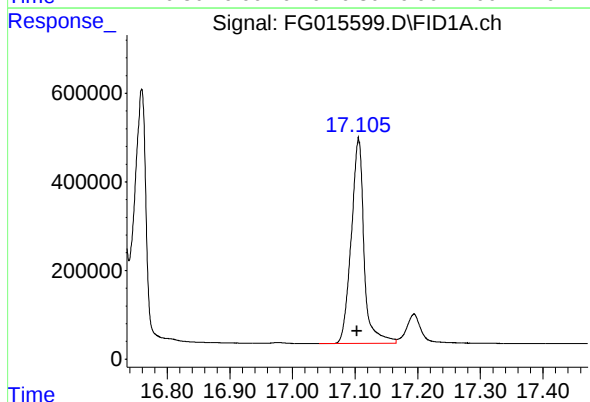
R.T.: 16.724 min
Delta R.T.: 0.002 min
Response: 6750614
Conc: 51.09 ug/ml



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

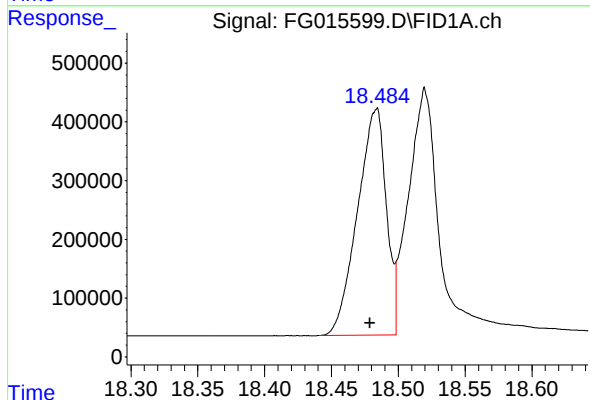
R.T.: 16.759 min
Delta R.T.: 0.005 min
Response: 7527960
Conc: 55.13 ug/ml

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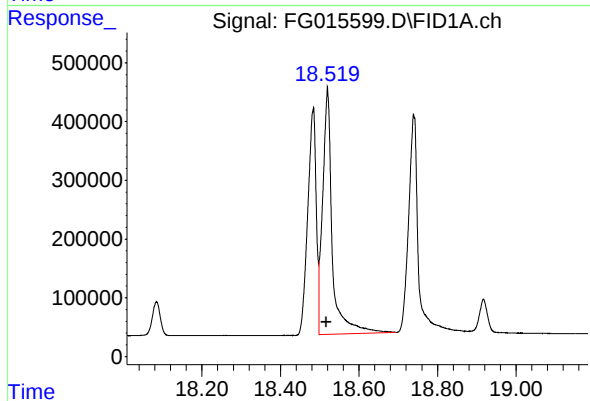
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.105 min
Delta R.T.: 0.002 min
Response: 6600303
Conc: 52.63 ug/ml



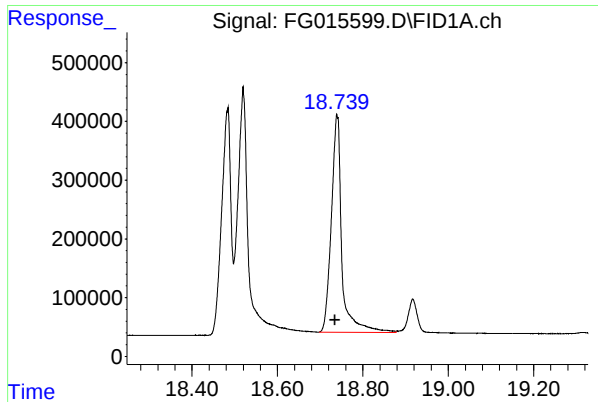
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.483 min
Delta R.T.: 0.004 min
Response: 5786670
Conc: 52.01 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.003 min
Response: 7151322
Conc: 55.57 ug/ml



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

R.T.: 18.740 min
Delta R.T.: 0.005 min
Response: 6313347
Conc: 52.83 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS