

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FG015600.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 18:28
 Operator : YP\AJ
 Sample : Q1664-06MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Apr 02 01:17:07 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

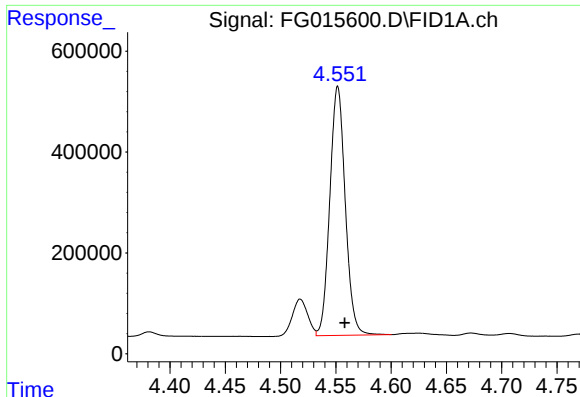
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.961	5470618	44.784 ug/ml
Spiked Amount 50.000		Recovery =	89.57%
6) S 2-Fluorobiphenyl (SURR)	8.838	3131353	37.884 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.77%
11) S ortho-Terphenyl (SURR)	11.912	6654637	45.633 ug/ml
Spiked Amount 50.000		Recovery =	91.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	4802216	36.138 ug/ml
2) T Naphthalene (C11.7)	6.230	5616627	41.572 ug/ml
3) T 2-Methylnaphthalene (...)	7.331	5357679	40.165 ug/ml
5) T Acenaphthylene (C15.06)	8.637	6060320	42.790 ug/ml
7) T Acenaphthene (C15.5)	8.938	6158740	45.141 ug/ml
8) T Flouorene (C16.55)	9.731	6370928	45.636 ug/ml
9) T Phenanthrene (C19.36)	11.141	6227758	44.205 ug/ml
10) T Anthracene (C19.43)	11.218	6110775	44.656 ug/ml
12) T Fluoranthene (C21.85)	12.970	6275102	44.003 ug/ml
13) T Pyrene (C20.8)	13.270	6098698	43.465 ug/ml
14) T Benzo[a]anthracene (C...	15.157	5862710	43.225 ug/ml
15) T Chrysene (C27.41)	15.200	7245847	51.759 ug/ml
16) T benzo[b]fluoranthene ...	16.722	6021184	45.567 ug/ml
17) T Bnezo[k]fluoranthene ...	16.757	6785046	49.694 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.104	5974259	47.641 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.481	5643766	50.726 ug/ml
20) T Dibenz[a,h]anthracene...	18.518	7039853	54.708 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	6056609	50.685 ug/ml

(f)=RT Delta > 1/2 Window

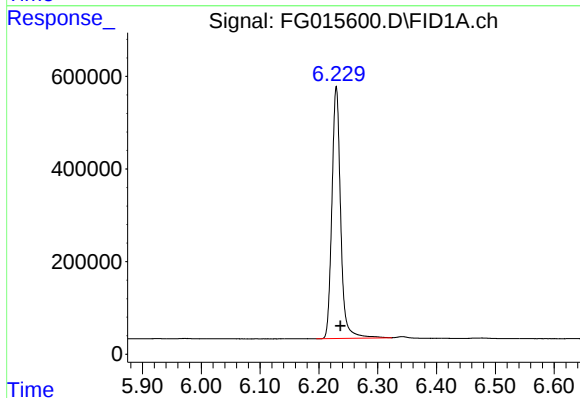
(m)=manual int.



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

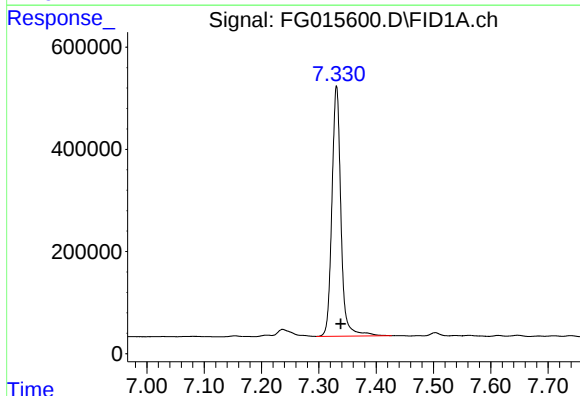
R.T.: 4.552 min
Delta R.T.: -0.006 min
Response: 4802216
Conc: 36.14 ug/ml

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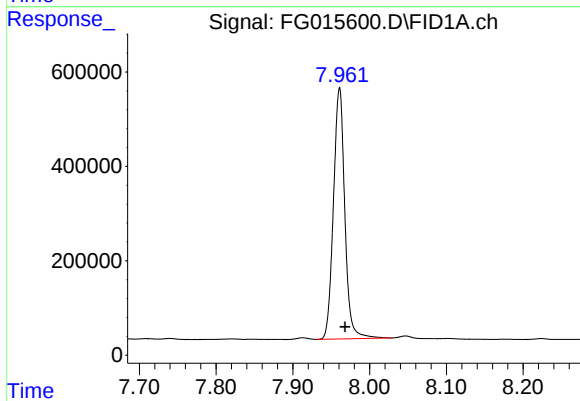
#2 Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 5616627
Conc: 41.57 ug/ml



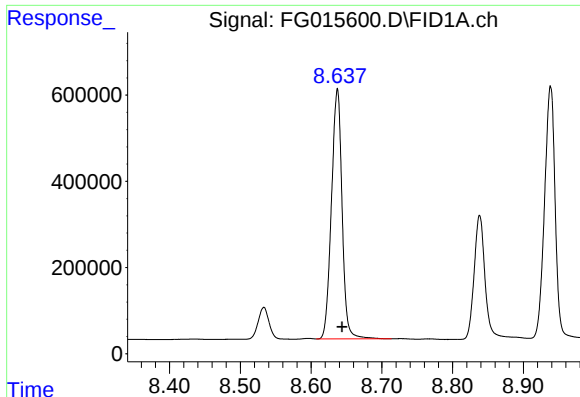
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 5357679
Conc: 40.16 ug/ml



#4 2-Bromonaphthalene (SURR)

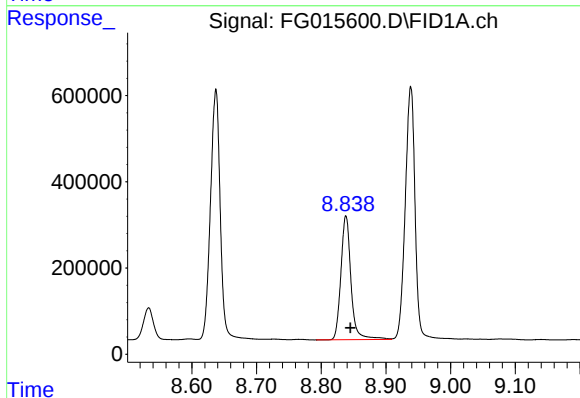
R.T.: 7.961 min
Delta R.T.: -0.007 min
Response: 5470618
Conc: 44.78 ug/ml



#5 Acenaphthylene (C15.06)

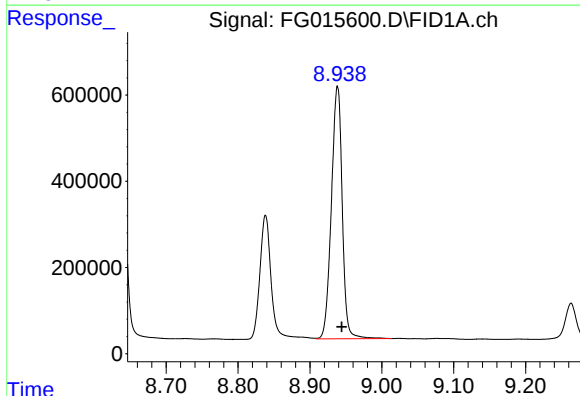
R.T.: 8.637 min
Delta R.T.: -0.007 min
Response: 6060320
Conc: 42.79 ug/ml

Instrument :
FID_G
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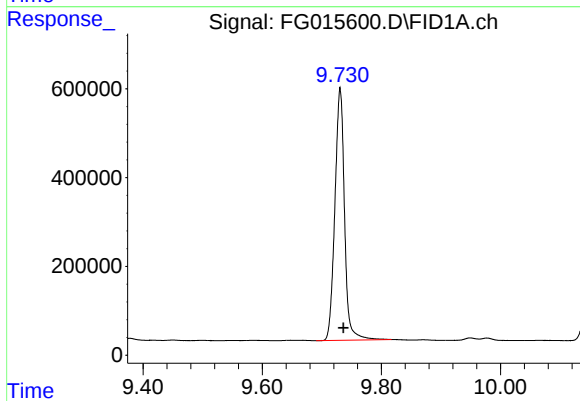
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 3131353
Conc: 37.88 ug/ml



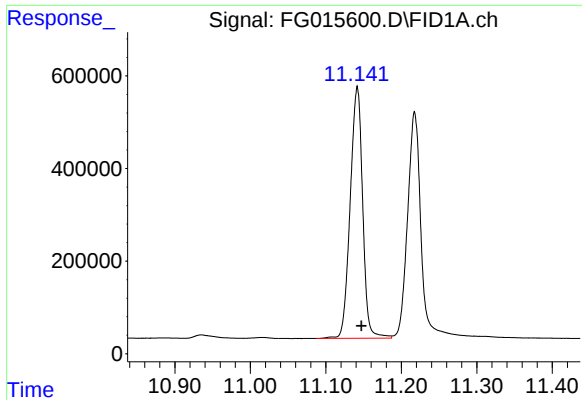
#7 Acenaphthene (C15.5)

R.T.: 8.938 min
Delta R.T.: -0.006 min
Response: 6158740
Conc: 45.14 ug/ml



#8 Fluorene (C16.55)

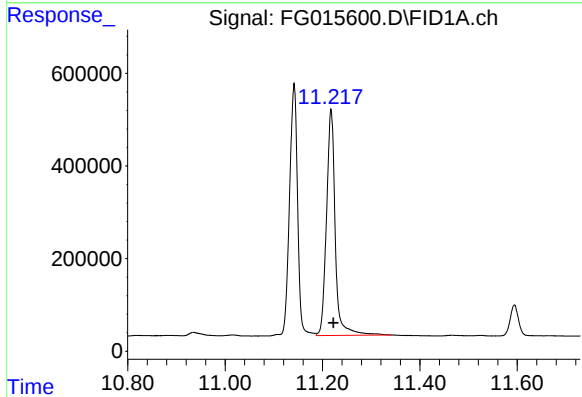
R.T.: 9.731 min
Delta R.T.: -0.006 min
Response: 6370928
Conc: 45.64 ug/ml



#9 Phenanthrene (C19.36)

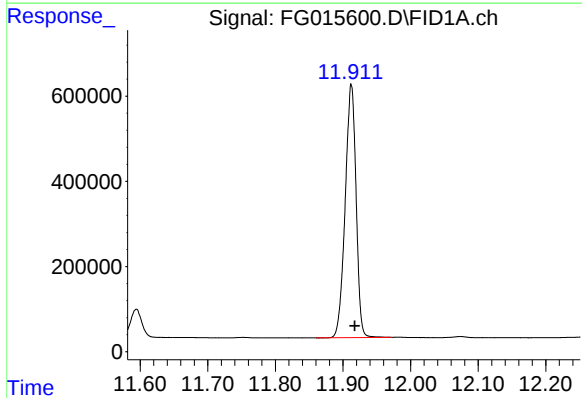
R.T.: 11.141 min
Delta R.T.: -0.006 min
Response: 6227758
Conc: 44.21 ug/ml

Instrument :
FID_G
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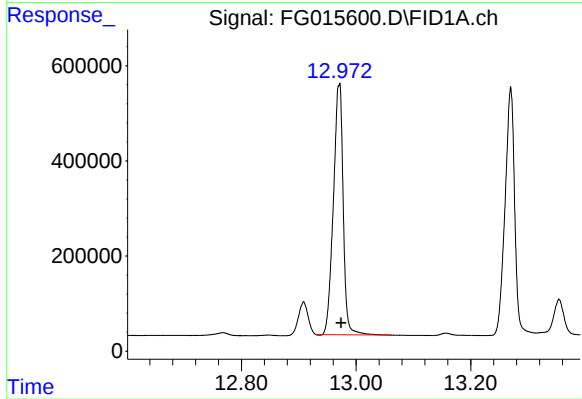
#10 Anthracene (C19.43)

R.T.: 11.218 min
Delta R.T.: -0.005 min
Response: 6110775
Conc: 44.66 ug/ml



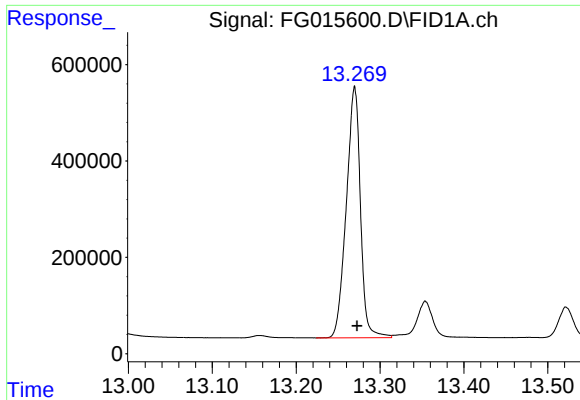
#11 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: -0.005 min
Response: 6654637
Conc: 45.63 ug/ml



#12 Fluoranthene (C21.85)

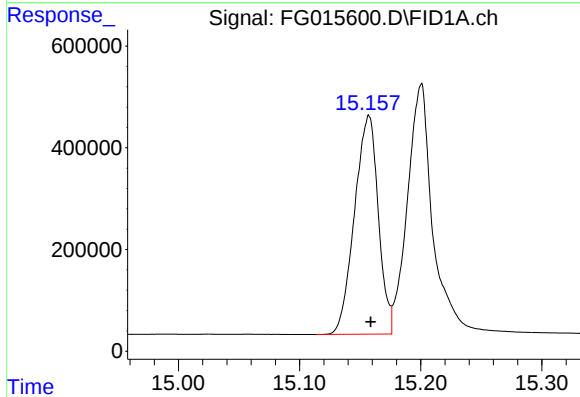
R.T.: 12.970 min
Delta R.T.: -0.004 min
Response: 6275102
Conc: 44.00 ug/ml



#13 Pyrene (C20.8)

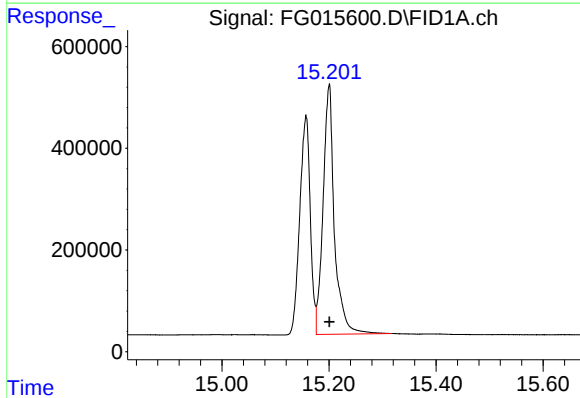
R.T.: 13.270 min
Delta R.T.: -0.003 min
Response: 6098698
Conc: 43.46 ug/ml

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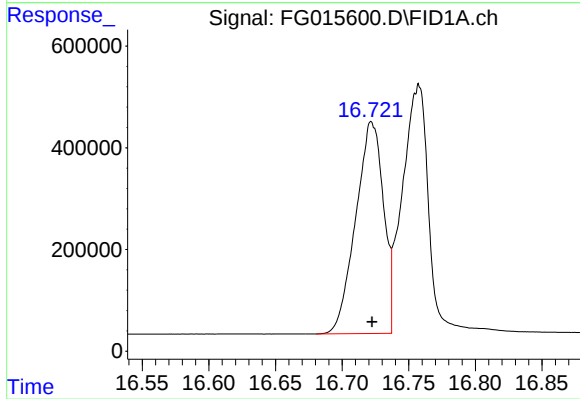
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: -0.002 min
Response: 5862710
Conc: 43.23 ug/ml



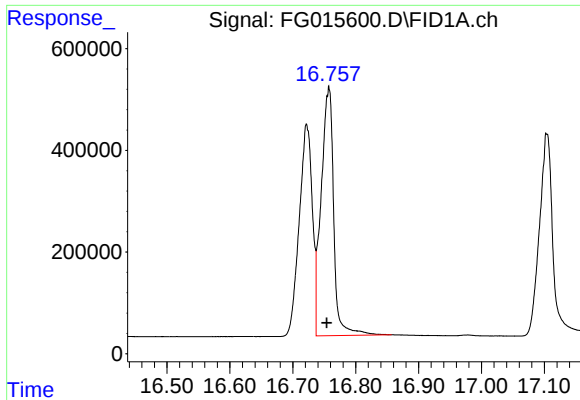
#15 Chrysene (C27.41)

R.T.: 15.200 min
Delta R.T.: -0.001 min
Response: 7245847
Conc: 51.76 ug/ml



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

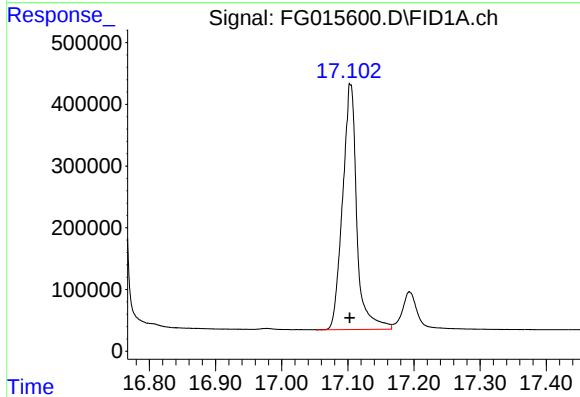
R.T.: 16.722 min
Delta R.T.: 0.000 min
Response: 6021184
Conc: 45.57 ug/ml



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

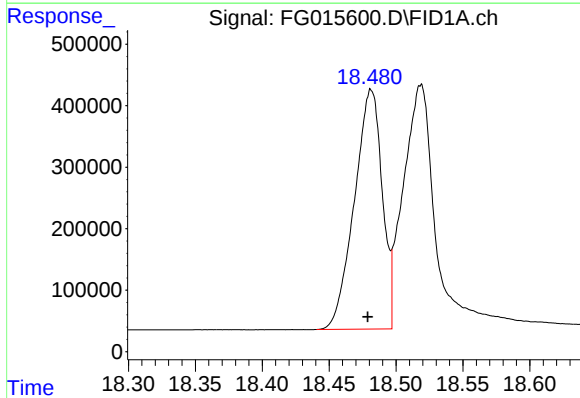
R.T.: 16.757 min
Delta R.T.: 0.003 min
Response: 6785046
Conc: 49.69 ug/ml

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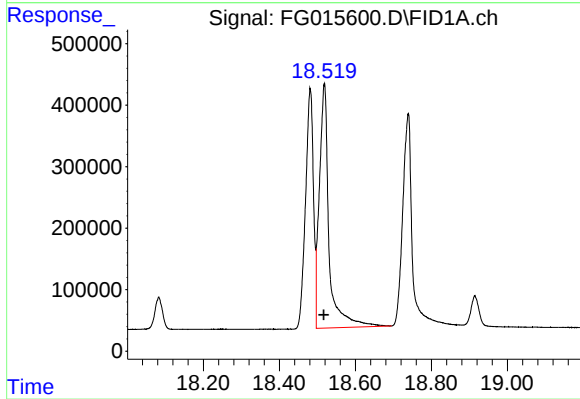
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.104 min
Delta R.T.: 0.000 min
Response: 5974259
Conc: 47.64 ug/ml



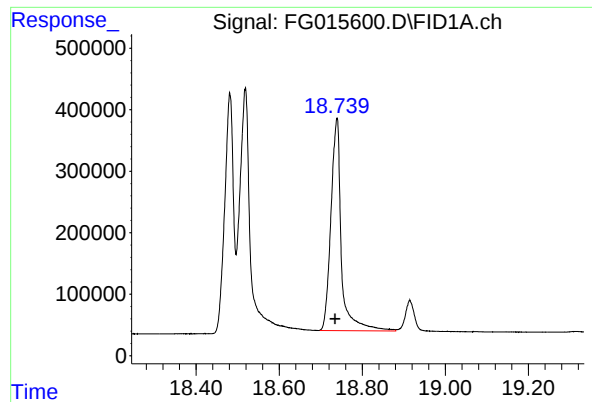
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.481 min
Delta R.T.: 0.002 min
Response: 5643766
Conc: 50.73 ug/ml



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

R.T.: 18.518 min
Delta R.T.: 0.001 min
Response: 7039853
Conc: 54.71 ug/ml



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

R.T.: 18.738 min
Delta R.T.: 0.004 min
Response: 6056609
Conc: 50.69 ug/ml

Instrument :

FID_G

ClientSampleId :

P001-BBDGA-001-01MSD