

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014237.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 23:31
 Operator : YP\AJ
 Sample : P3964-09DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:52:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

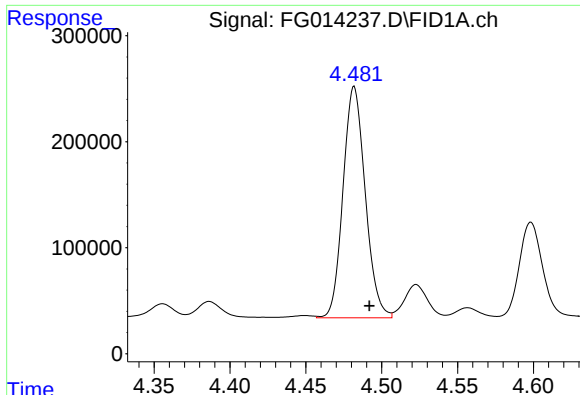
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.879	974968	8.715 ug/ml
Spiked Amount 50.000		Recovery =	17.43%
6) S 2-Fluorobiphenyl (SURR)	8.753	742503	10.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.40%
11) S ortho-Terphenyl (SURR)	11.818	1009893	7.492 ug/ml
Spiked Amount 50.000		Recovery =	14.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2221492	17.256 ug/ml
2) T Naphthalene (C11.7)	6.150	2233394	17.705 ug/ml
3) T 2-Methylnaphthalene (...)	7.248	2030507	15.942 ug/ml
5) T Acenaphthylene (C15.06)	8.533	353282	2.718 ug/ml
7) T Acenaphthene (C15.5)	8.848	95866	0.692 ug/ml
8) T Flouorene (C16.55)	9.646	190180	1.467 ug/ml
9) T Phenanthrene (C19.36)	11.051	309298	2.559 ug/ml
10) T Anthracene (C19.43)	11.131	120492	0.869 ug/ml
12) T Fluoranthene (C21.85)	12.875	539140	4.159 ug/ml
13) T Pyrene (C20.8)	13.171	343693	2.632 ug/ml
14) T Benzo[a]anthracene (C...	15.071	132598	1.166 ug/ml
15) T Chrysene (C27.41)	15.108	259281	1.834 ug/ml
16) T benzo[b]fluoranthene ...	16.634	242147	2.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.634	242147	1.801 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.016	27055	0.218 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.421	107671	1.089 ug/ml
20) T Dibenz[a,h]anthracene...	18.421	107671	0.731 ug/ml
21) T Benzo[g,h,i]perylene ...	18.647	59293	0.454 ug/ml

(f)=RT Delta > 1/2 Window

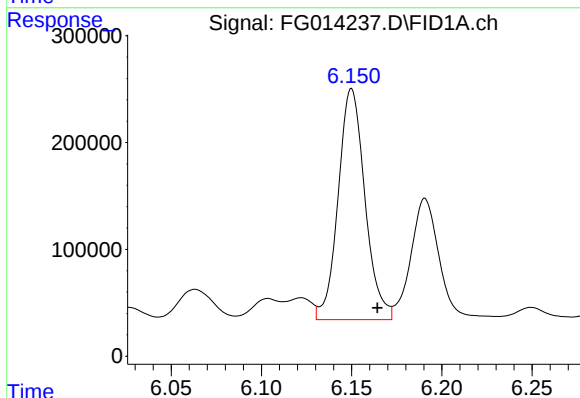
(m)=manual int.



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

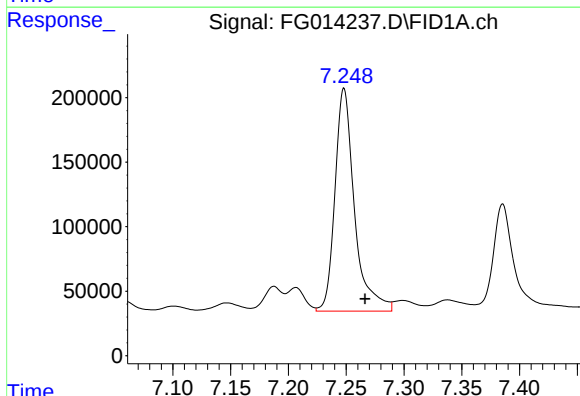
R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 2221492
Conc: 17.26 ug/ml

Instrument :
FID_G
ClientSampleId :



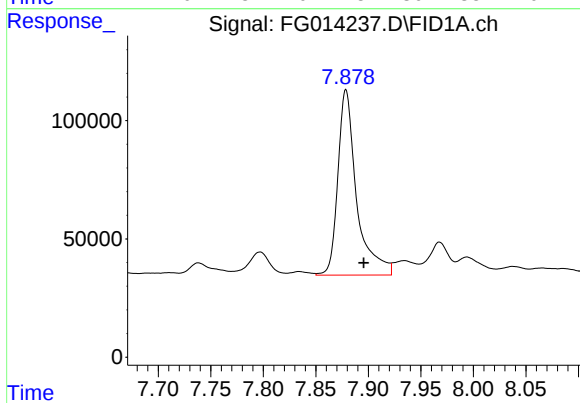
#2 Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.014 min
Response: 2233394
Conc: 17.71 ug/ml



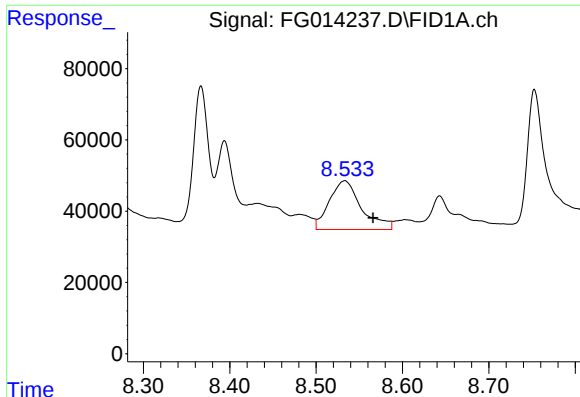
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.018 min
Response: 2030507
Conc: 15.94 ug/ml



#4 2-Bromonaphthalene (SURR)

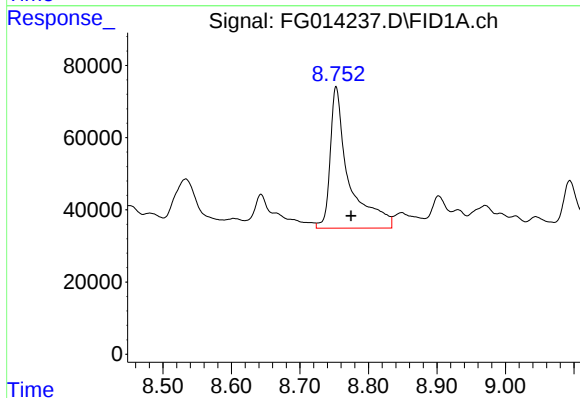
R.T.: 7.879 min
Delta R.T.: -0.017 min
Response: 974968
Conc: 8.71 ug/ml



#5 Acenaphthylene (C15.06)

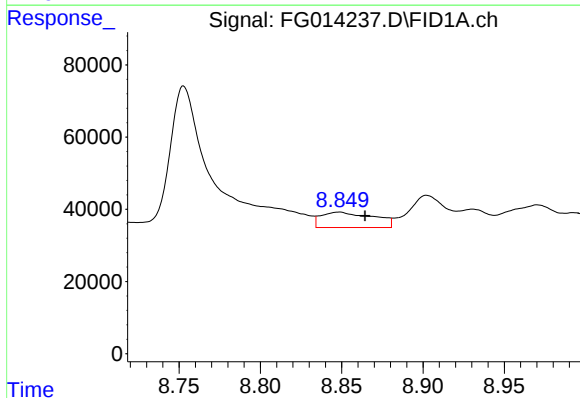
R.T.: 8.533 min
Delta R.T.: -0.033 min
Response: 353282
Conc: 2.72 ug/ml

Instrument :
FID_G
ClientSampleId :



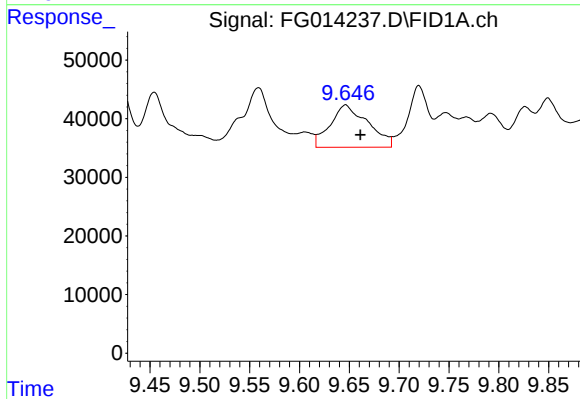
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.753 min
Delta R.T.: -0.022 min
Response: 742503
Conc: 10.20 ug/ml



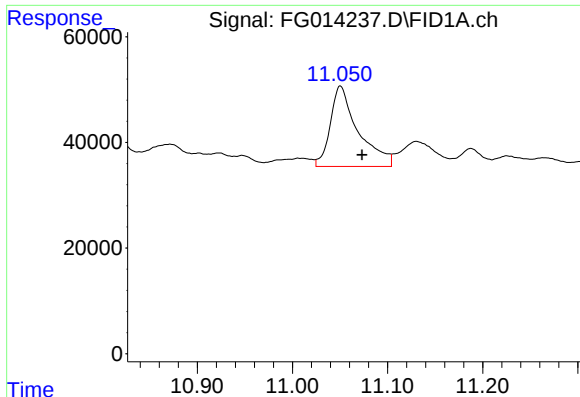
#7 Acenaphthene (C15.5)

R.T.: 8.848 min
Delta R.T.: -0.016 min
Response: 95866
Conc: 0.69 ug/ml



#8 Flouorene (C16.55)

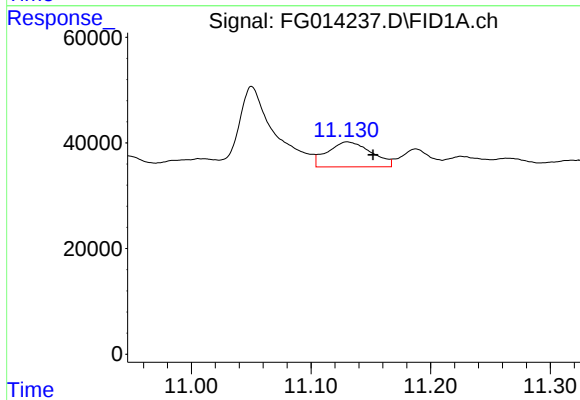
R.T.: 9.646 min
Delta R.T.: -0.015 min
Response: 190180
Conc: 1.47 ug/ml



#9 Phenanthrene (C19.36)

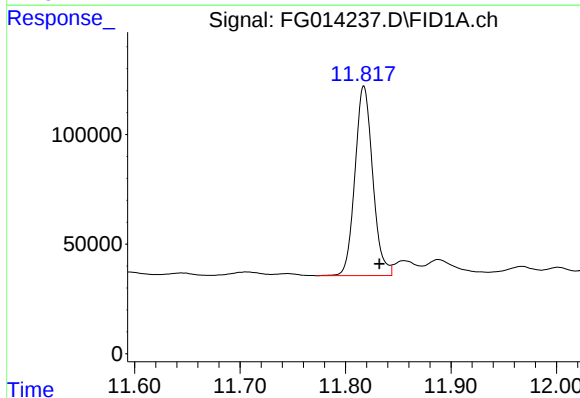
R.T.: 11.051 min
Delta R.T.: -0.023 min
Response: 309298
Conc: 2.56 ug/ml

Instrument :
FID_G
ClientSampleId :



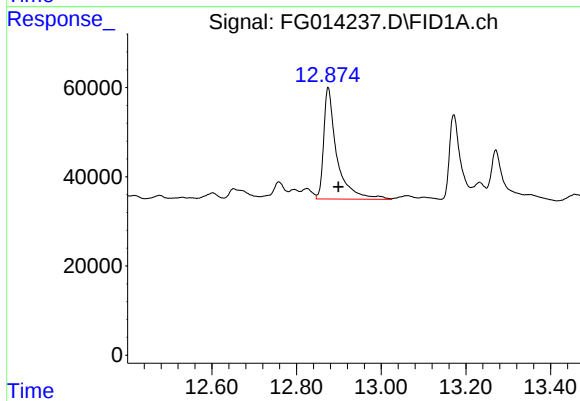
#10 Anthracene (C19.43)

R.T.: 11.131 min
Delta R.T.: -0.021 min
Response: 120492
Conc: 0.87 ug/ml



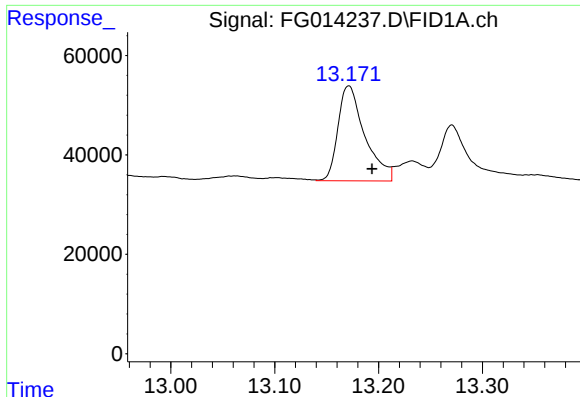
#11 ortho-Terphenyl (SURR)

R.T.: 11.818 min
Delta R.T.: -0.015 min
Response: 1009893
Conc: 7.49 ug/ml



#12 Fluoranthene (C21.85)

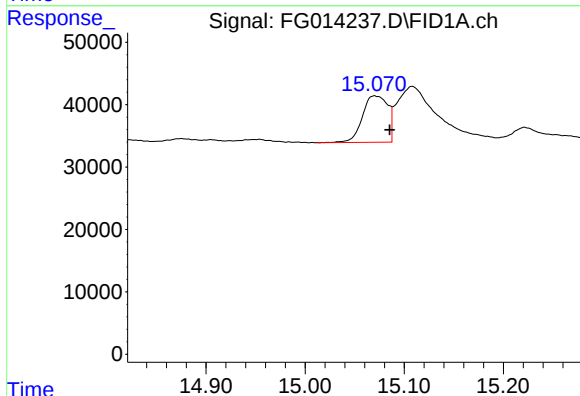
R.T.: 12.875 min
Delta R.T.: -0.024 min
Response: 539140
Conc: 4.16 ug/ml



#13 Pyrene (C20.8)

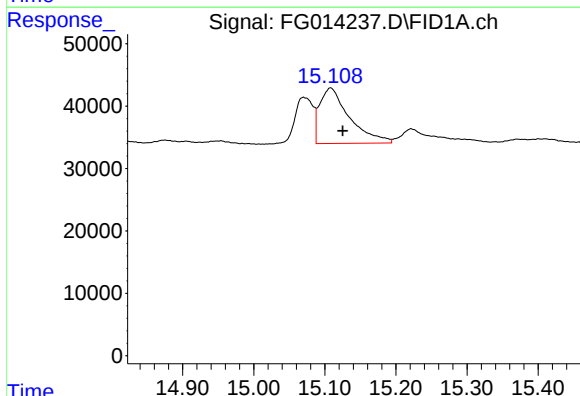
R.T.: 13.171 min
Delta R.T.: -0.022 min
Response: 343693
Conc: 2.63 ug/ml

Instrument :
FID_G
ClientSampleId :



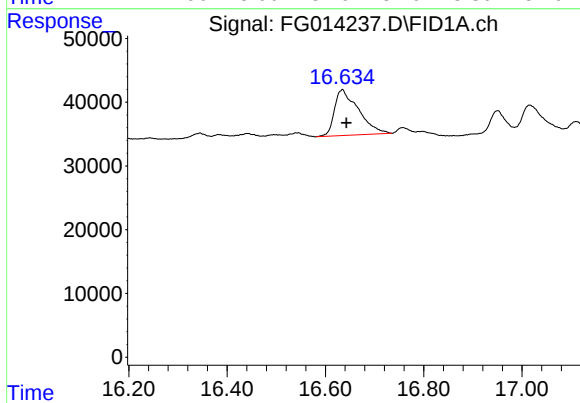
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.071 min
Delta R.T.: -0.014 min
Response: 132598
Conc: 1.17 ug/ml



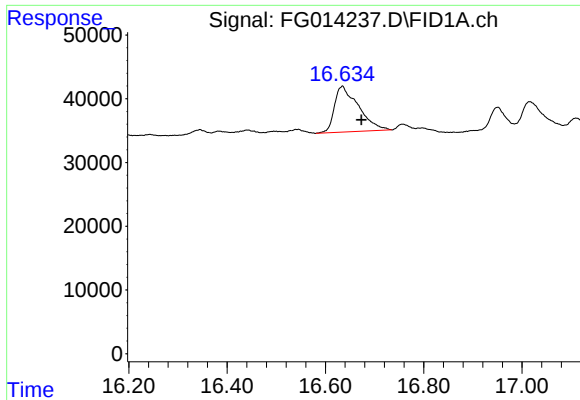
#15 Chrysene (C27.41)

R.T.: 15.108 min
Delta R.T.: -0.017 min
Response: 259281
Conc: 1.83 ug/ml



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

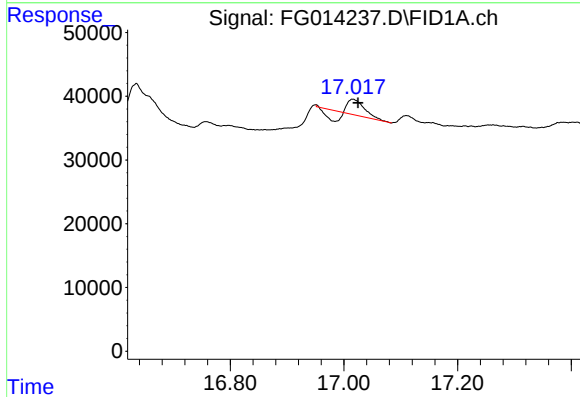
R.T.: 16.634 min
Delta R.T.: -0.008 min
Response: 242147
Conc: 2.11 ug/ml



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

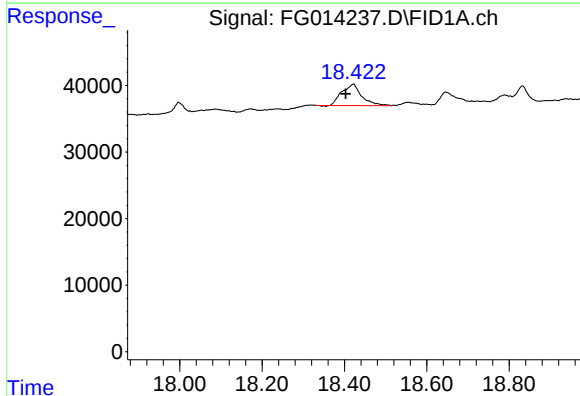
R.T.: 16.634 min
Delta R.T.: -0.039 min
Response: 242147
Conc: 1.80 ug/ml

Instrument :
FID_G
ClientSampleId :



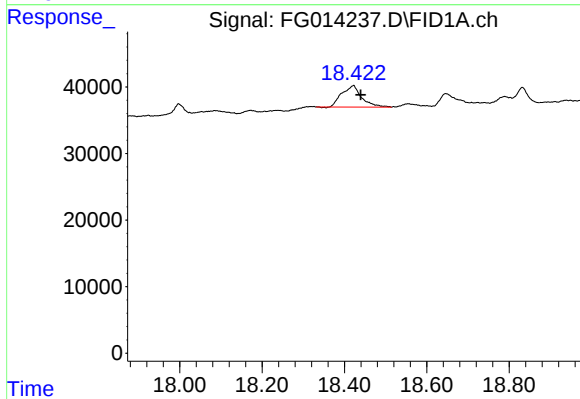
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.016 min
Delta R.T.: -0.009 min
Response: 27055
Conc: 0.22 ug/ml



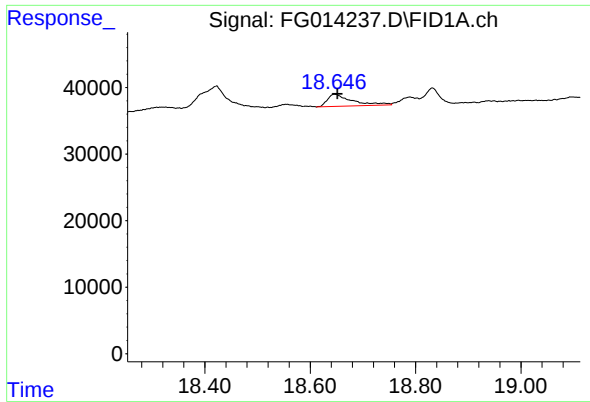
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.421 min
Delta R.T.: 0.018 min
Response: 107671
Conc: 1.09 ug/ml



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

R.T.: 18.421 min
Delta R.T.: -0.018 min
Response: 107671
Conc: 0.73 ug/ml



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

R.T.: 18.647 min
Delta R.T.: -0.006 min
Response: 59293
Conc: 0.45 ug/ml

Instrument :

FID_G

ClientSampleId :