

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014325.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2024 01:16
 Operator : YP\AJ
 Sample : P4104-30
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-23-EPH-5

Integration File: autoint1.e
 Quant Time: Sep 21 03:17:44 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

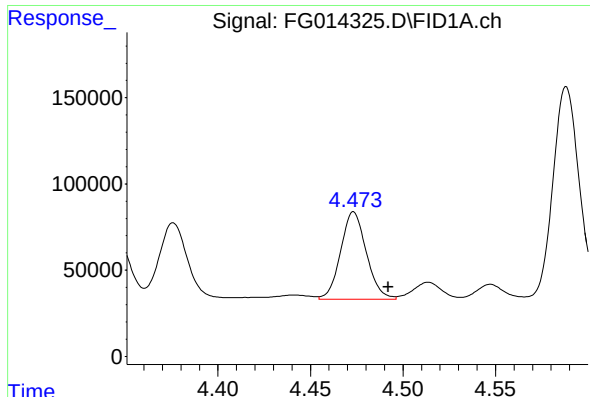
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.871	6677550	59.686 ug/ml
Spiked Amount 50.000		Recovery =	119.37%
6) S 2-Fluorobiphenyl (SURR)	8.744	5104420	70.109 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	140.22%#
11) S ortho-Terphenyl (SURR)	11.813	5661310	41.999 ug/ml
Spiked Amount 50.000		Recovery =	84.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	492014	3.822 ug/ml
2) T Naphthalene (C11.7)	6.184	1725051	13.675 ug/ml
3) T 2-Methylnaphthalene (...)	7.241	4192956	32.920 ug/ml
5) T Acenaphthylene (C15.06)	8.594	464659	3.575 ug/ml
7) T Acenaphthene (C15.5)	8.862	838357	6.054 ug/ml
8) T Fluorene (C16.55)	9.657	311601	2.404 ug/ml
9) T Phenanthrene (C19.36)	11.041	338482	2.801 ug/ml
10) T Anthracene (C19.43)	11.129	179842	1.296 ug/ml
12) T Fluoranthene (C21.85)	12.875	123566	0.953 ug/ml
13) T Pyrene (C20.8)	13.221	148479	1.137 ug/ml
14) T Benzo[a]anthracene (C...	15.084	35555	0.313 ug/ml
15) T Chrysene (C27.41)	15.120	49642	0.351 ug/ml
16) T benzo[b]fluoranthene ...	16.629	29755	0.260 ug/ml
17) T Bnezo[k]fluoranthene ...	16.629	29755	0.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.412	54223	0.549 ug/ml
20) T Dibenz[a,h]anthracene...	18.412	54223	0.368 ug/ml
21) T Benzo[g,h,i]perylene ...	18.669	59973	0.459 ug/ml

(f)=RT Delta > 1/2 Window

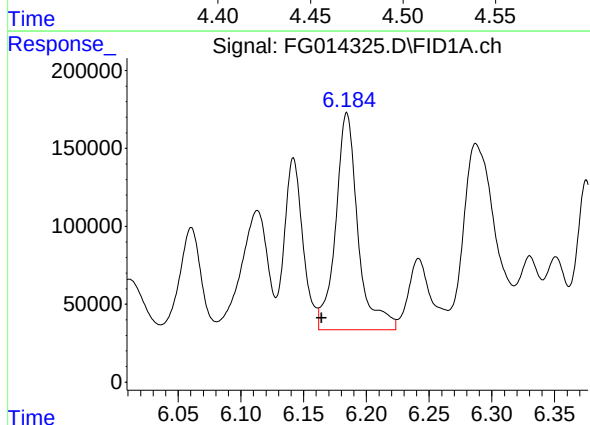
(m)=manual int.



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

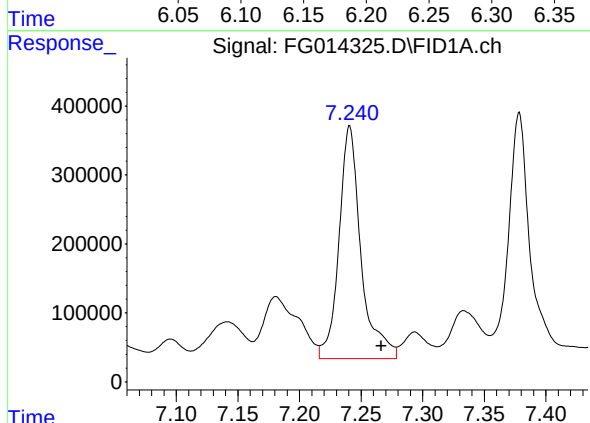
R.T.: 4.473 min
Delta R.T.: -0.019 min
Response: 492014
Conc: 3.82 ug/ml

Instrument :
FID_G
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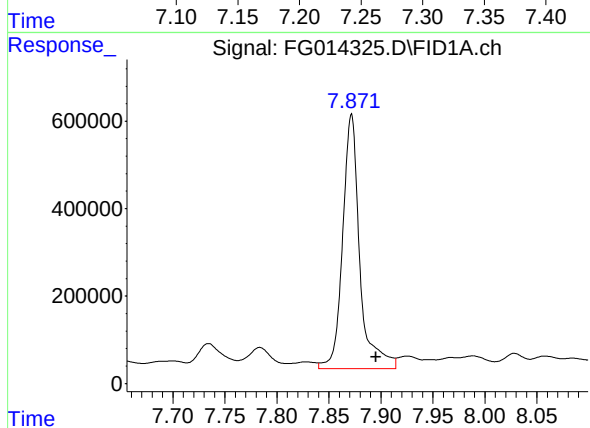
#2 Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: 0.020 min
Response: 1725051
Conc: 13.68 ug/ml



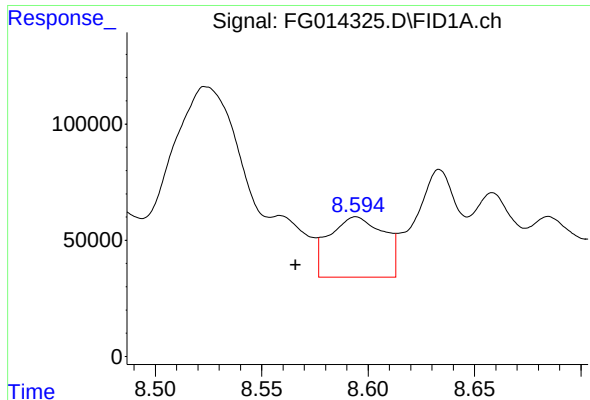
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.026 min
Response: 4192956
Conc: 32.92 ug/ml



#4 2-Bromonaphthalene (SURR)

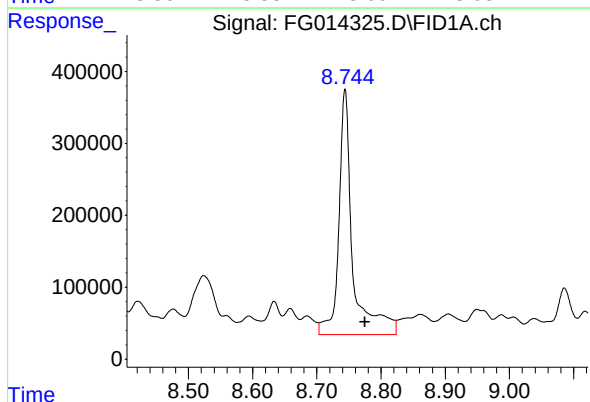
R.T.: 7.871 min
Delta R.T.: -0.024 min
Response: 6677550
Conc: 59.69 ug/ml



#5 Acenaphthylene (C15.06)

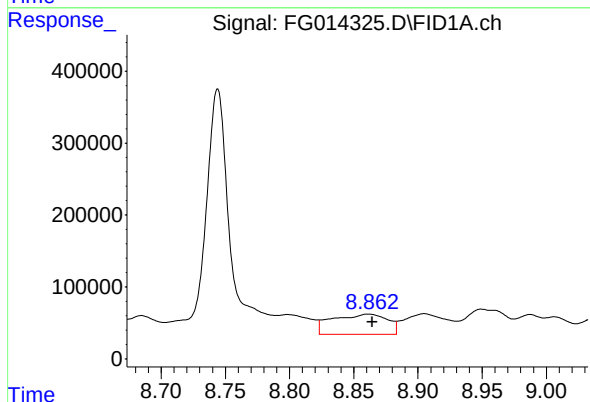
R.T.: 8.594 min
Delta R.T.: 0.028 min
Response: 464659
Conc: 3.58 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-5



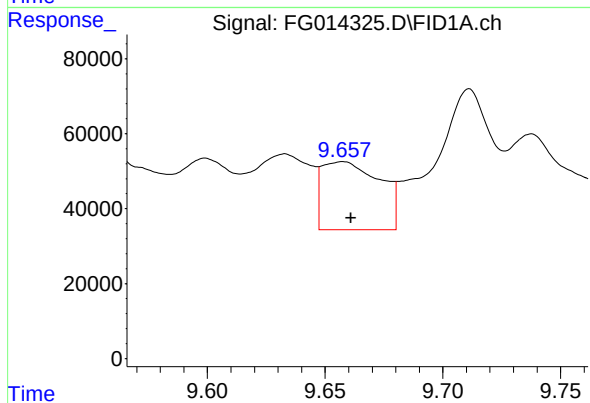
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.031 min
Response: 5104420
Conc: 70.11 ug/ml



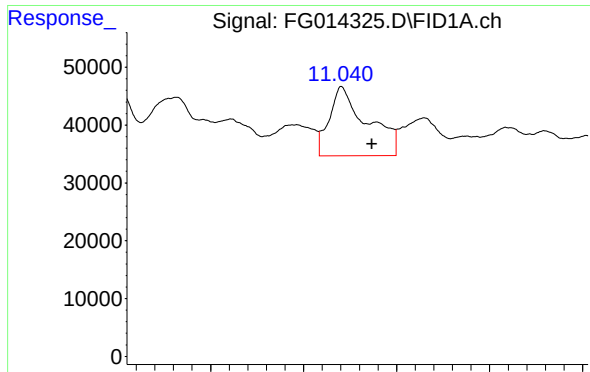
#7 Acenaphthene (C15.5)

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 838357
Conc: 6.05 ug/ml



#8 Flouorene (C16.55)

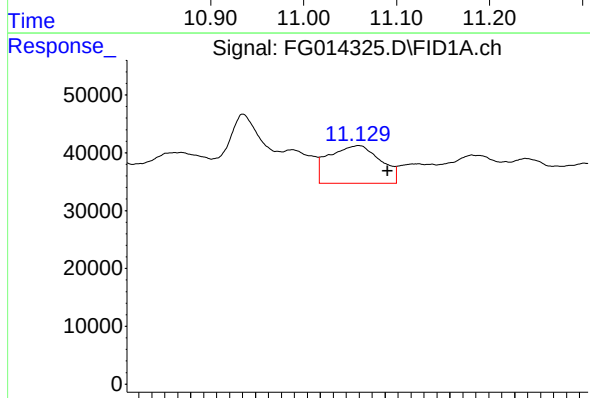
R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 311601
Conc: 2.40 ug/ml



#9 Phenanthrene (C19.36)

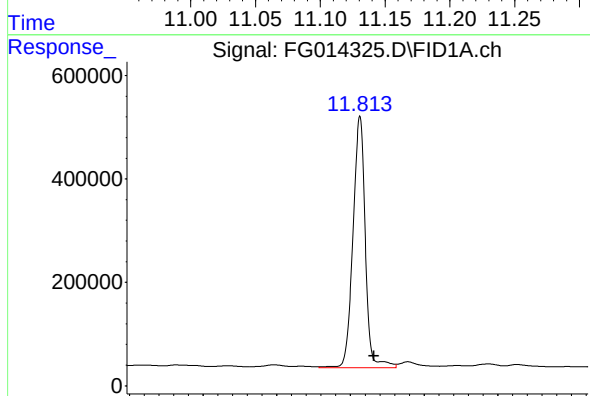
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 338482
Conc: 2.80 ug/ml

Instrument :
FID_G
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WC-23-EPH-5



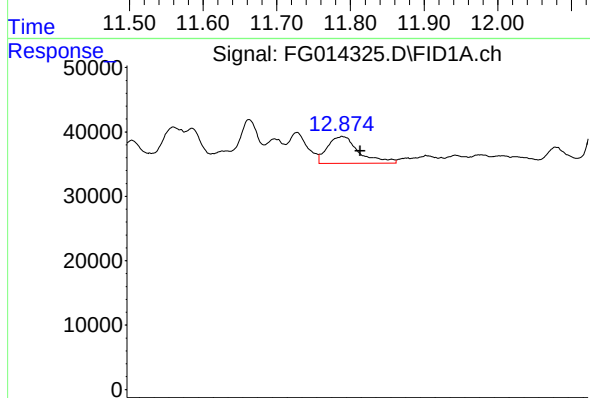
#10 Anthracene (C19.43)

R.T.: 11.129 min
Delta R.T.: -0.023 min
Response: 179842
Conc: 1.30 ug/ml



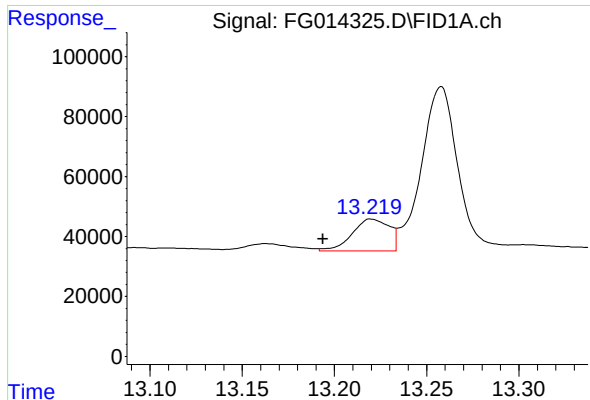
#11 ortho-Terphenyl (SURR)

R.T.: 11.813 min
Delta R.T.: -0.020 min
Response: 5661310
Conc: 42.00 ug/ml



#12 Fluoranthene (C21.85)

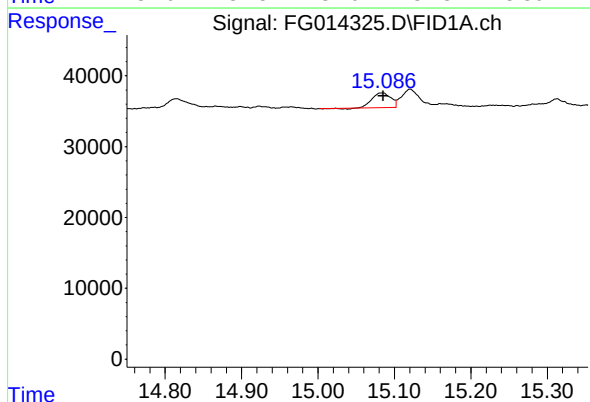
R.T.: 12.875 min
Delta R.T.: -0.024 min
Response: 123566
Conc: 0.95 ug/ml



#13 Pyrene (C20.8)

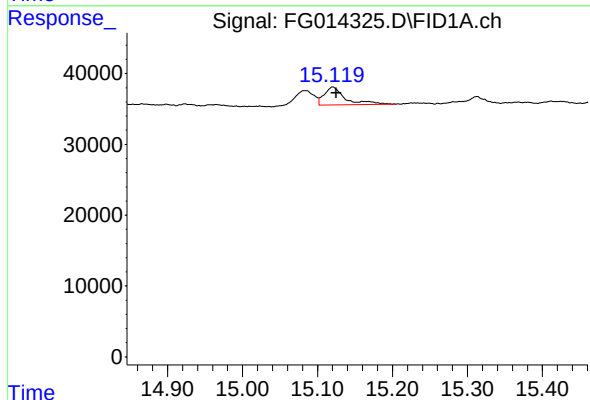
R.T.: 13.221 min
Delta R.T.: 0.027 min
Response: 148479
Conc: 1.14 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-5



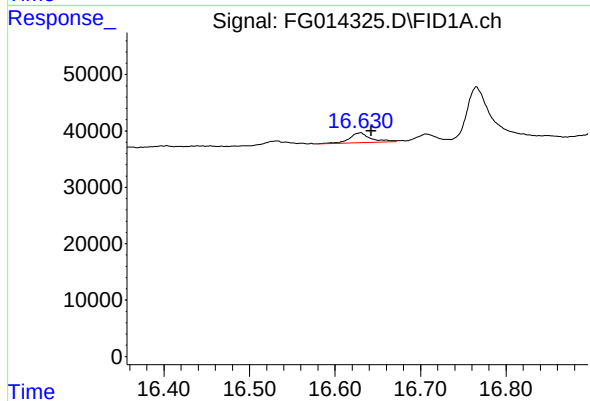
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.084 min
Delta R.T.: -0.002 min
Response: 35555
Conc: 0.31 ug/ml



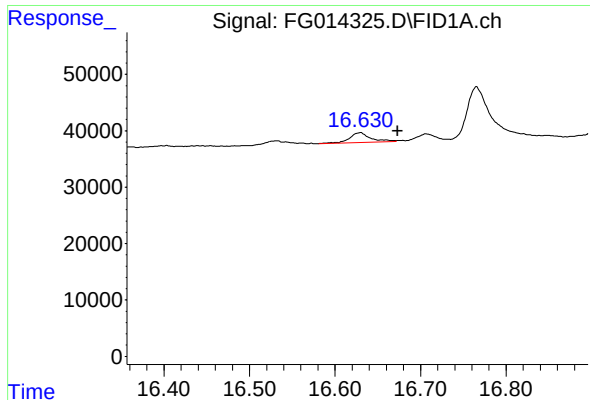
#15 Chrysene (C27.41)

R.T.: 15.120 min
Delta R.T.: -0.005 min
Response: 49642
Conc: 0.35 ug/ml



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

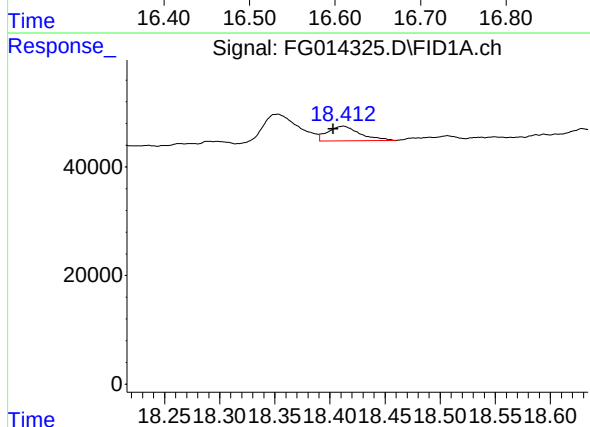
R.T.: 16.629 min
Delta R.T.: -0.014 min
Response: 29755
Conc: 0.26 ug/ml



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

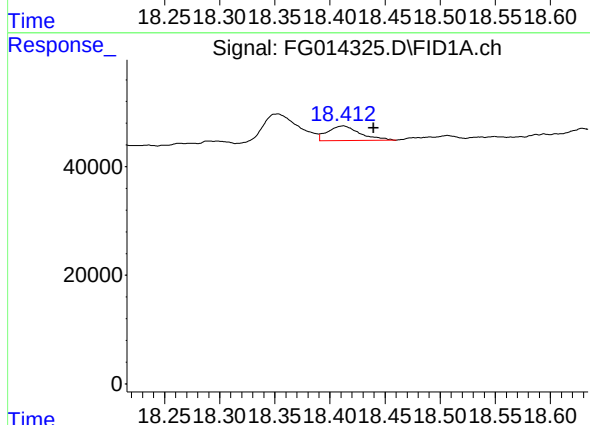
R.T.: 16.629 min
Delta R.T.: -0.044 min
Response: 29755
Conc: 0.22 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-5



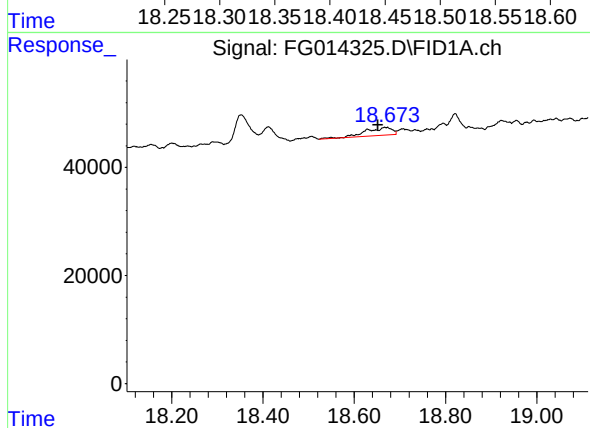
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.412 min
Delta R.T.: 0.008 min
Response: 54223
Conc: 0.55 ug/ml



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

R.T.: 18.412 min
Delta R.T.: -0.028 min
Response: 54223
Conc: 0.37 ug/ml



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

R.T.: 18.669 min
Delta R.T.: 0.017 min
Response: 59973
Conc: 0.46 ug/ml