

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014316.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 20:53
 Operator : YP\AJ
 Sample : P4104-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10B-EPH-1

Integration File: autoint1.e
 Quant Time: Sep 21 03:16:00 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	5482338	49.003 ug/ml
Spiked Amount 50.000		Recovery =	98.01%
6) S 2-Fluorobiphenyl (SURR)	8.744	3918735	53.824 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.65%
11) S ortho-Terphenyl (SURR)	11.810	3356022	24.897 ug/ml
Spiked Amount 50.000		Recovery =	49.79%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.248	65987	0.518 ug/ml
5) T Acenaphthylene (C15.06)	8.595	60975	0.469 ug/ml
8) T Flouorene (C16.55)	9.639	132567	1.023 ug/ml
9) T Phenanthrene (C19.36)	11.044	220002	1.820 ug/ml
10) T Anthracene (C19.43)	11.126	126908	0.915 ug/ml
12) T Fluoranthene (C21.85)	12.869	183974	1.419 ug/ml
13) T Pyrene (C20.8)	13.161	73207	0.561 ug/ml
14) T Benzo[a]anthracene (C...	15.087	21156	0.186 ug/ml
15) T Chrysene (C27.41)	15.118	27536	0.195 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.408	48547	0.491 ug/ml
20) T Dibenz[a,h]anthracene...	18.408	48547	0.330 ug/ml

(f)=RT Delta > 1/2 Window

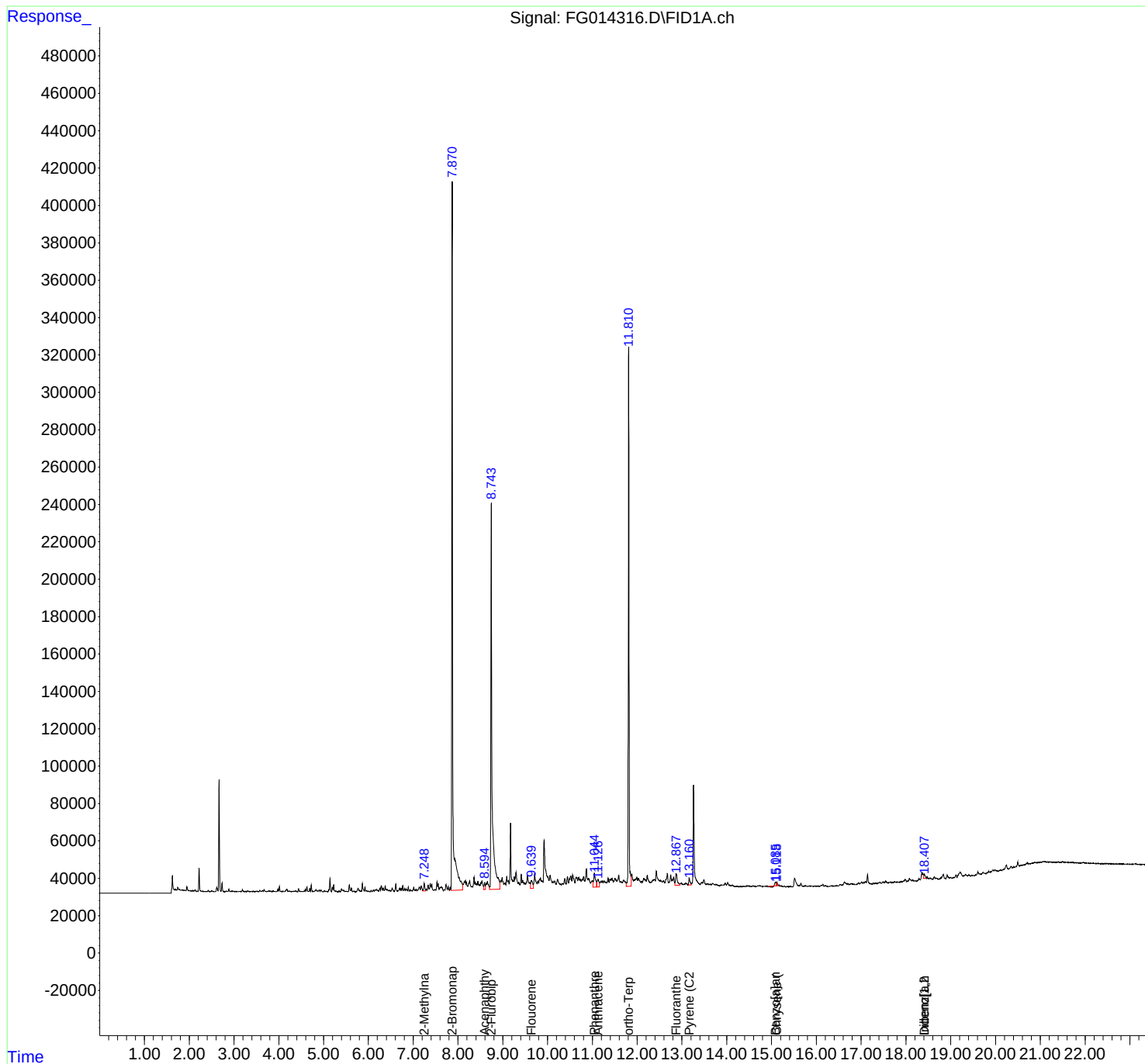
(m)=manual int.

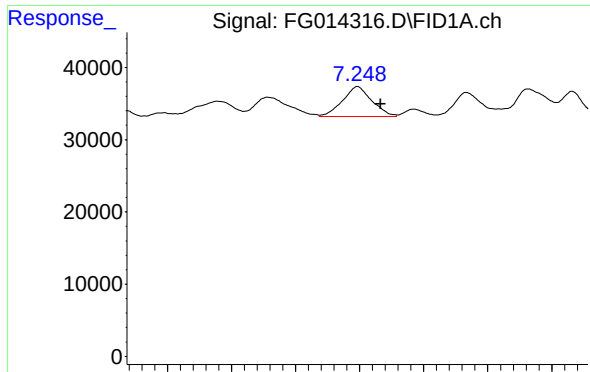
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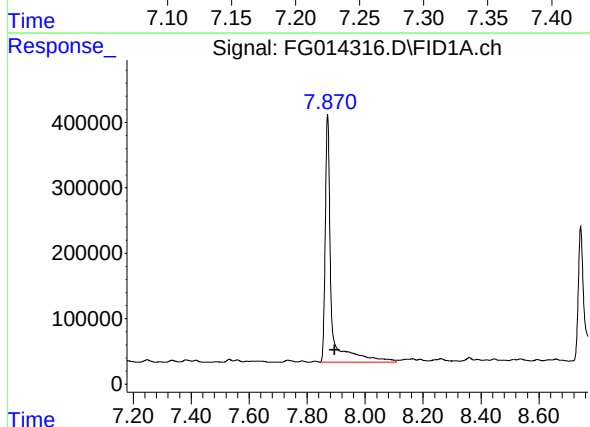




#3 2-Methylnaphthalene (C12.89)

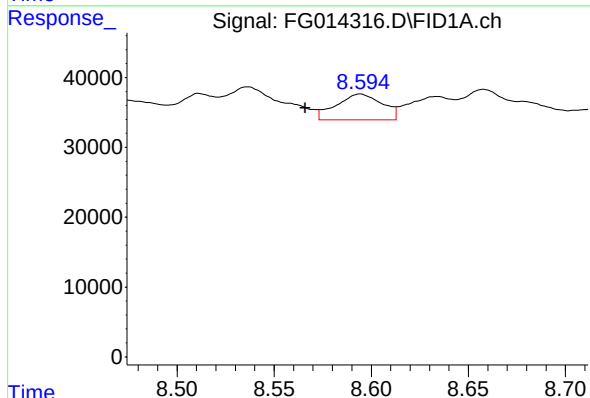
R.T.: 7.248 min
Delta R.T.: -0.018 min
Response: 65987
Conc: 0.52 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10B-EPH-1



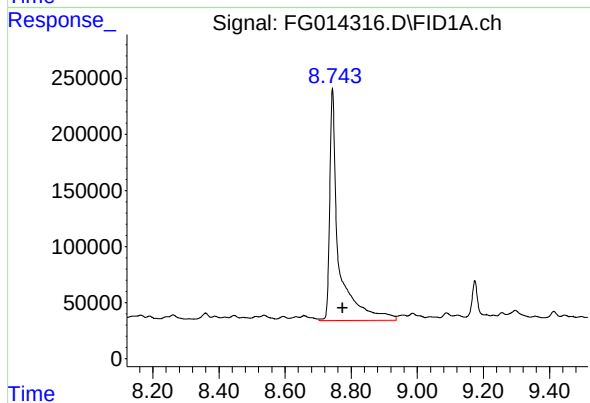
#4 2-Bromonaphthalene (SURR)

R.T.: 7.871 min
Delta R.T.: -0.025 min
Response: 5482338
Conc: 49.00 ug/ml



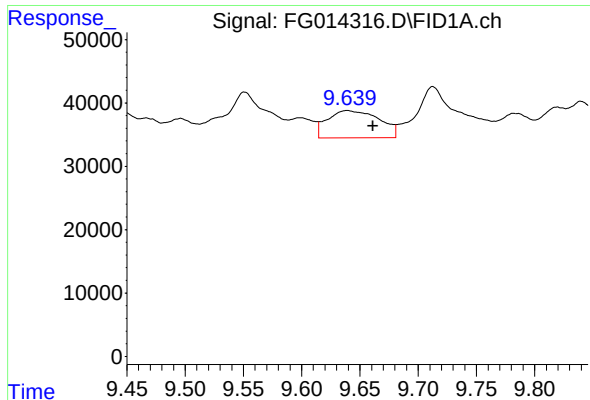
#5 Acenaphthylene (C15.06)

R.T.: 8.595 min
Delta R.T.: 0.029 min
Response: 60975
Conc: 0.47 ug/ml



#6 2-Fluorobiphenyl (SURR)

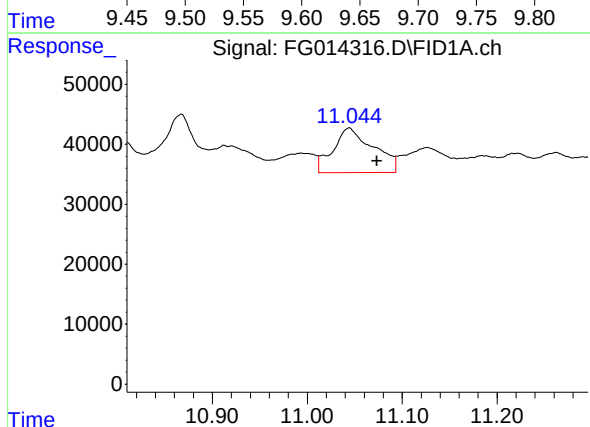
R.T.: 8.744 min
Delta R.T.: -0.031 min
Response: 3918735
Conc: 53.82 ug/ml



#8 Flouorene (C16.55)

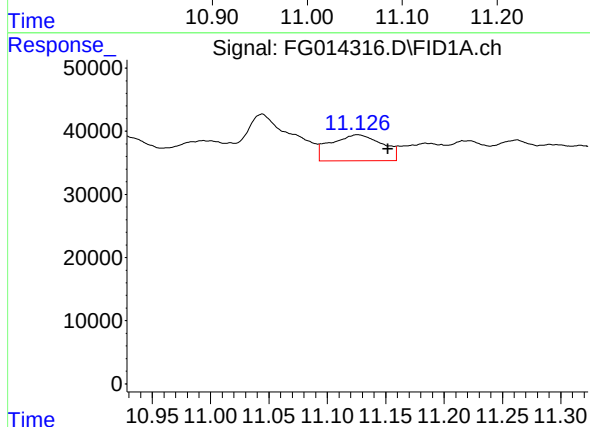
R.T.: 9.639 min
Delta R.T.: -0.022 min
Response: 132567
Conc: 1.02 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10B-EPH-1



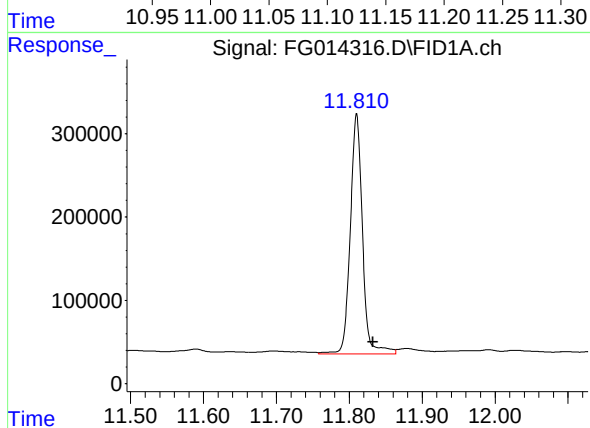
#9 Phenanthrene (C19.36)

R.T.: 11.044 min
Delta R.T.: -0.029 min
Response: 220002
Conc: 1.82 ug/ml



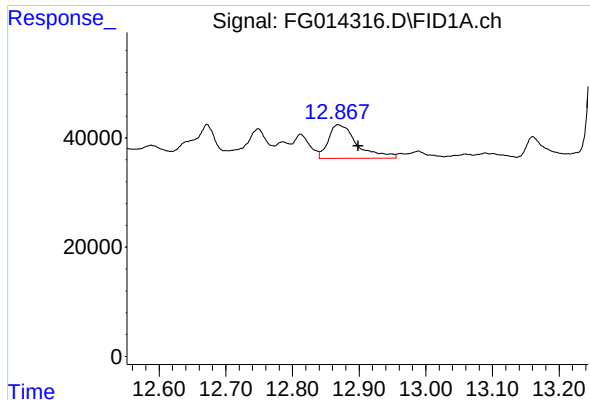
#10 Anthracene (C19.43)

R.T.: 11.126 min
Delta R.T.: -0.026 min
Response: 126908
Conc: 0.91 ug/ml



#11 ortho-Terphenyl (SURR)

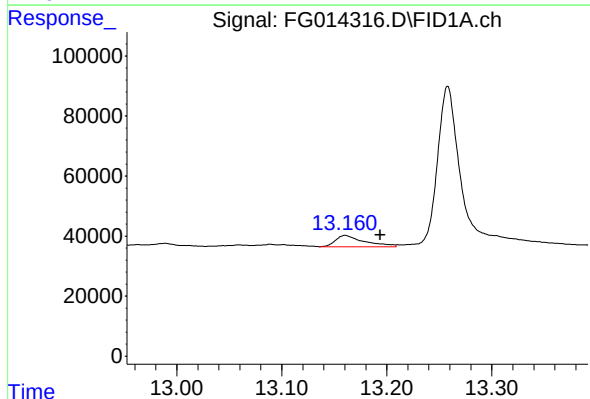
R.T.: 11.810 min
Delta R.T.: -0.022 min
Response: 3356022
Conc: 24.90 ug/ml



#12 Fluoranthene (C21.85)

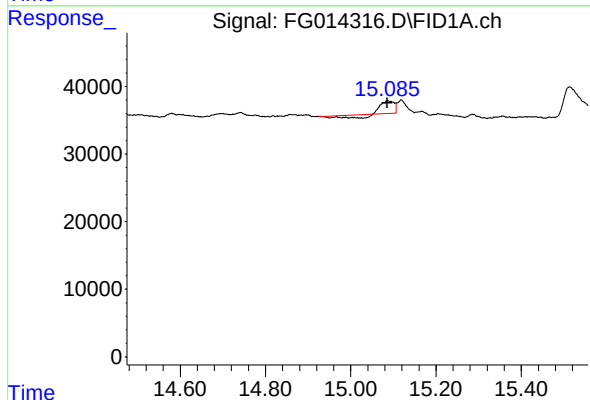
R.T.: 12.869 min
Delta R.T.: -0.030 min
Response: 183974
Conc: 1.42 ug/ml

Instrument :
FID_G
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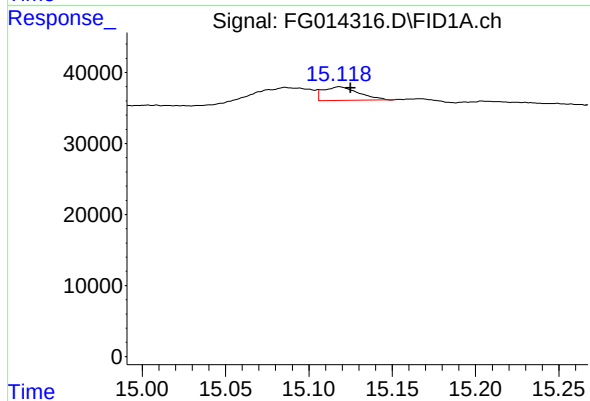
#13 Pyrene (C20.8)

R.T.: 13.161 min
Delta R.T.: -0.033 min
Response: 73207
Conc: 0.56 ug/ml



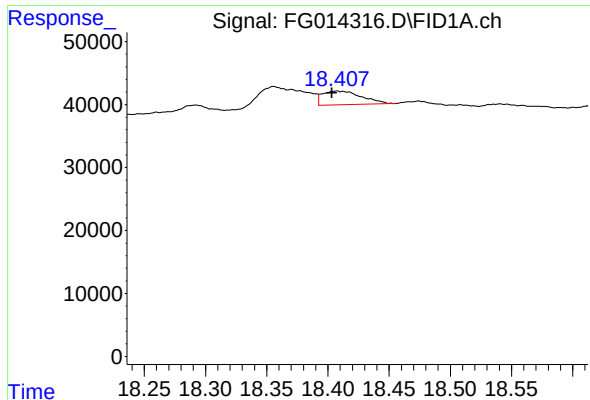
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.087 min
Delta R.T.: 0.002 min
Response: 21156
Conc: 0.19 ug/ml



#15 Chrysene (C27.41)

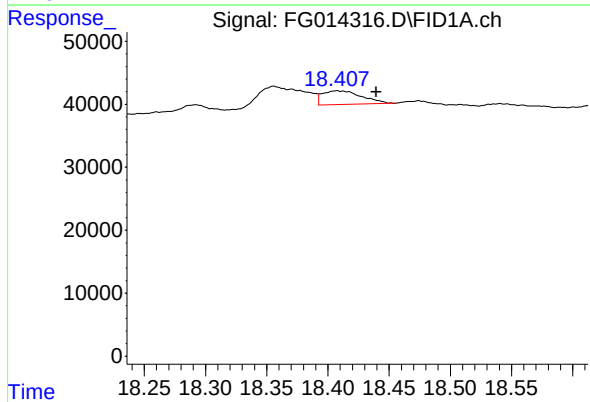
R.T.: 15.118 min
Delta R.T.: -0.007 min
Response: 27536
Conc: 0.19 ug/ml



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

R.T.: 18.408 min
Delta R.T.: 0.005 min
Response: 48547
Conc: 0.49 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10B-EPH-1



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

R.T.: 18.408 min
Delta R.T.: -0.031 min
Response: 48547
Conc: 0.33 ug/ml