

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039904.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 6:41
 Operator : AJ\MA
 Sample : M5011-19
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:31:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
6) S 2-Fluorobiphenyl (SURR)	7.784	6605686	67.237 ug/ml
Spiked Amount 50.000 Range	0 - 131	Recovery =	134.47%#
11) S ortho-Terphenyl (SURR)	10.852	3524780	23.154 ug/ml
Spiked Amount 50.000		Recovery =	46.31%
Target Compounds			
2) T Naphthalene (C11.7)	5.299	7758675	48.276 ug/ml
3) T 2-Methylnaphthalene (...)	6.327	24919134	153.365 ug/ml
5) T Acenaphthylene (C15.06)	7.639	1195986	7.995 ug/ml
7) T Acenaphthene (C15.5)	7.896	1470768	9.257 ug/ml
8) T Flouorene (C16.55)	8.685	2060292	13.094 ug/ml
9) T Phenanthrene (C19.36)	10.078	1702843	10.975 ug/ml
10) T Anthracene (C19.43)	10.141	4088284	27.390 ug/ml
12) T Fluoranthene (C21.85)	11.878	1338308	8.750 ug/ml
13) T Pyrene (C20.8)	12.185	546970	3.669 ug/ml
14) T Benzo[a]anthracene (C...	14.052	54076	0.401 ug/ml
15) T Chrysene (C27.41)	14.052	54076	0.385 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.305	54551	0.445 ug/ml
20) T Dibenz[a,h]anthracene...	17.368	79234	0.646 ug/ml

(f)=RT Delta > 1/2 Window

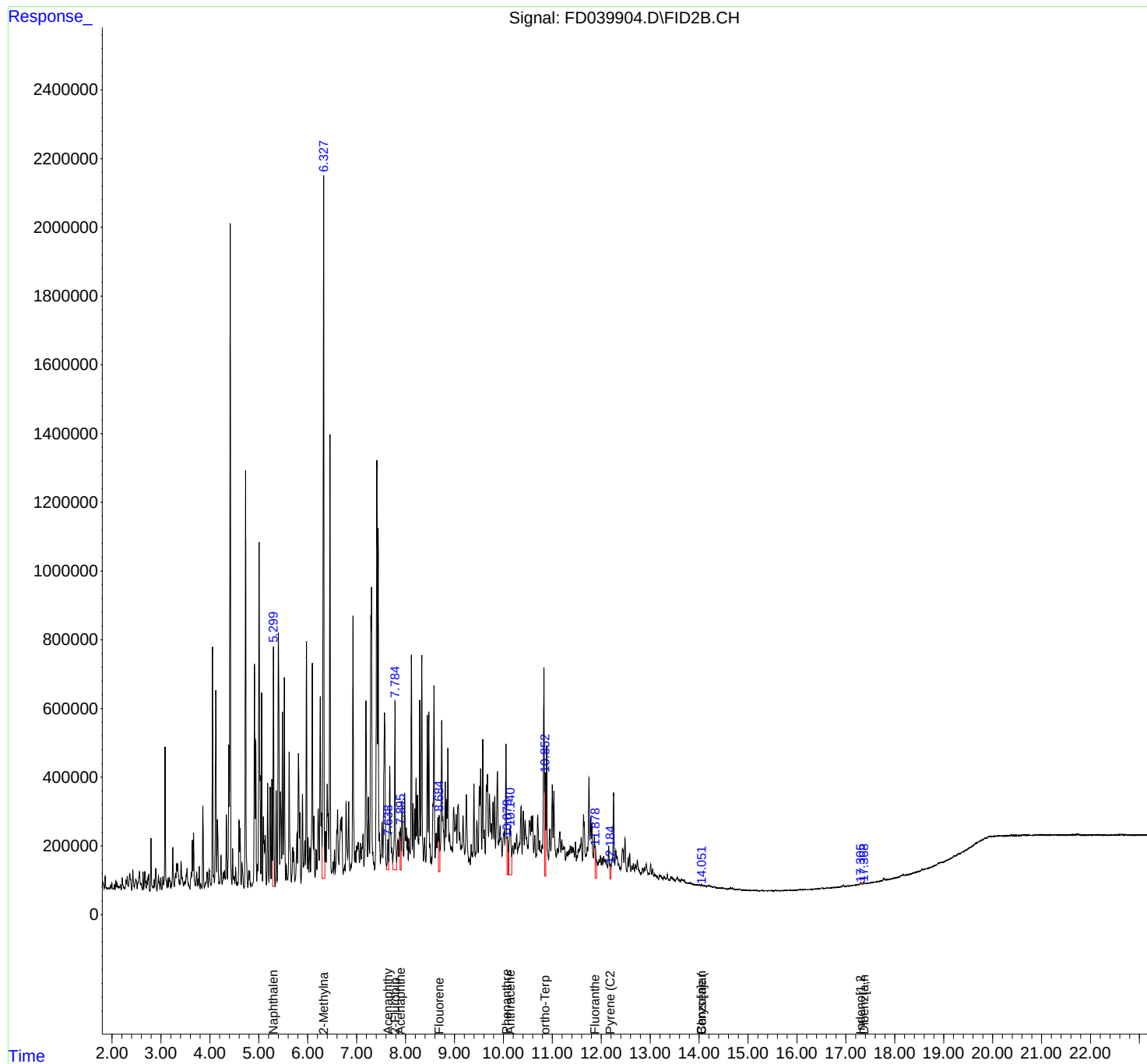
(m)=manual int.

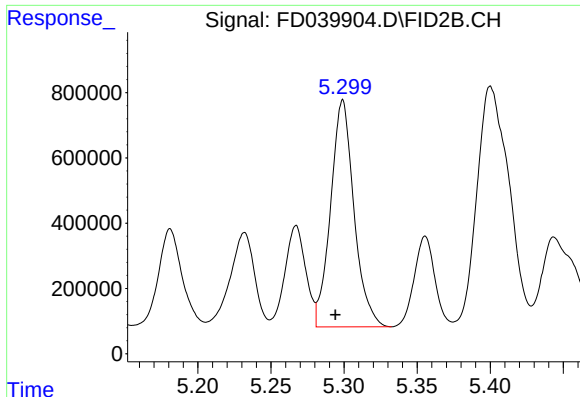
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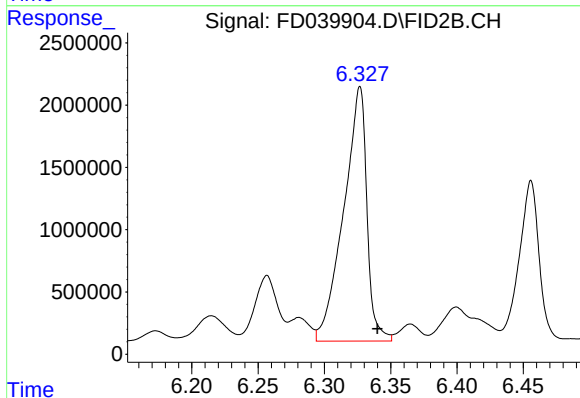




#2 Naphthalene (C11.7)

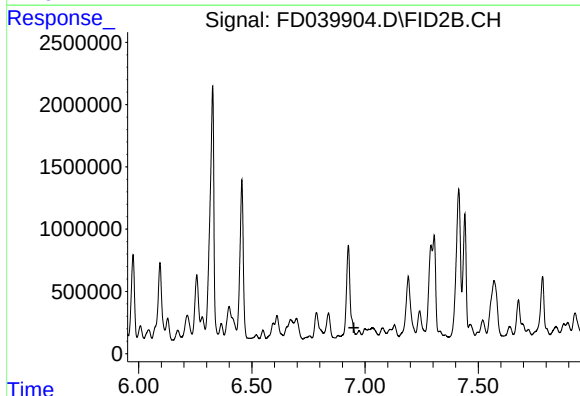
R.T.: 5.299 min
Delta R.T.: 0.005 min
Response: 7758675
Conc: 48.28 ug/ml

Instrument :
FID_D
ClientSampleId :



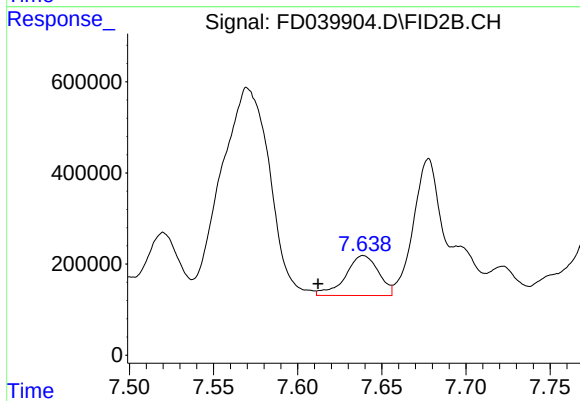
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.327 min
Delta R.T.: -0.013 min
Response: 24919134
Conc: 153.37 ug/ml



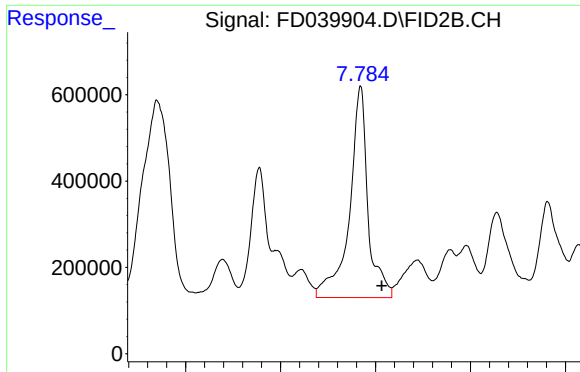
#4 2-Bromonaphthalene (SURR)

R.T.: 6.974 min
Delta R.T.: 0.023 min
Response: -415049
Conc: N.D.



#5 Acenaphthylene (C15.06)

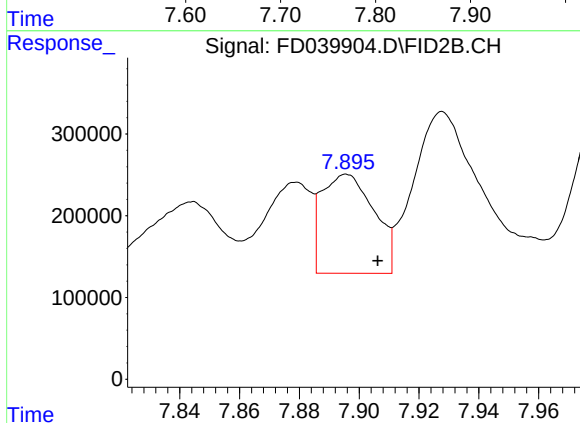
R.T.: 7.639 min
Delta R.T.: 0.027 min
Response: 1195986
Conc: 7.99 ug/ml



#6 2-Fluorobiphenyl (SURR)

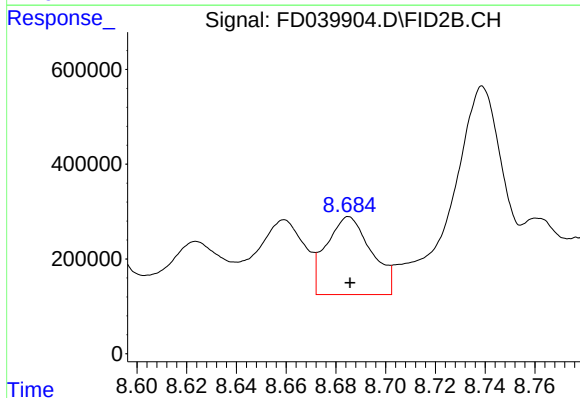
R.T.: 7.784 min
Delta R.T.: -0.022 min
Response: 6605686
Conc: 67.24 ug/ml

Instrument :
FID_D
ClientSampleId :



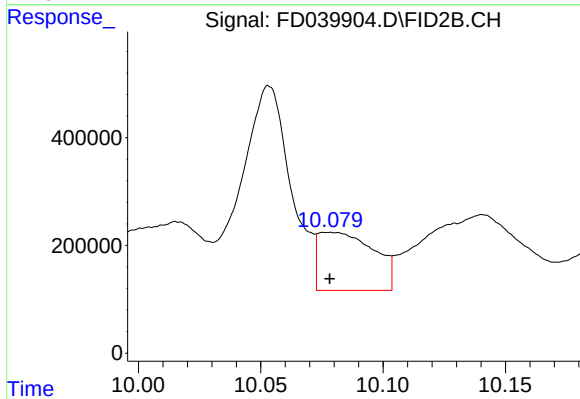
#7 Acenaphthene (C15.5)

R.T.: 7.896 min
Delta R.T.: -0.010 min
Response: 1470768
Conc: 9.26 ug/ml



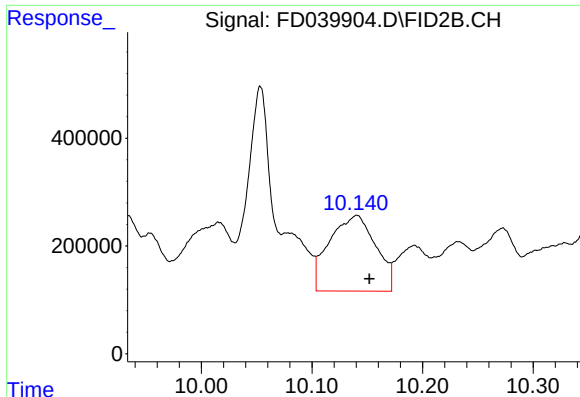
#8 Flouorene (C16.55)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2060292
Conc: 13.09 ug/ml



#9 Phenanthrene (C19.36)

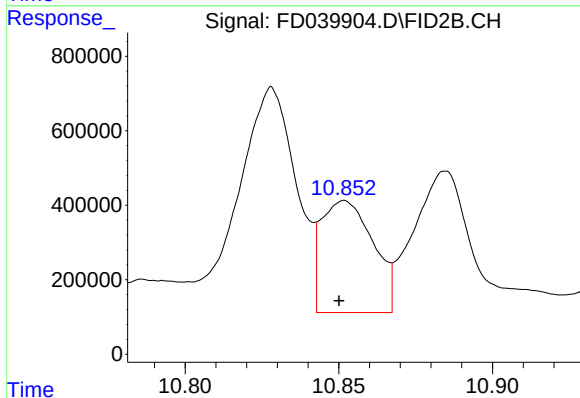
R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 1702843
Conc: 10.97 ug/ml



#10 Anthracene (C19.43)

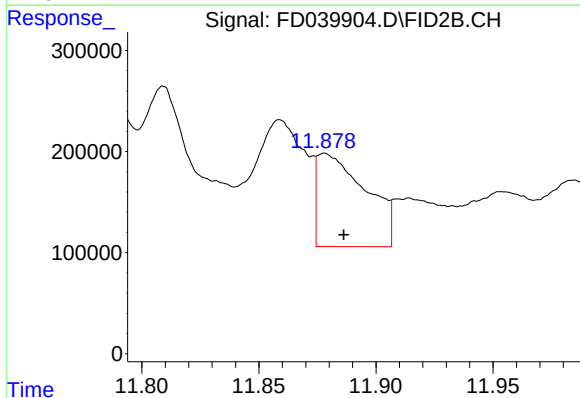
R.T.: 10.141 min
Delta R.T.: -0.011 min
Response: 4088284
Conc: 27.39 ug/ml

Instrument :
FID_D
ClientSampleId :



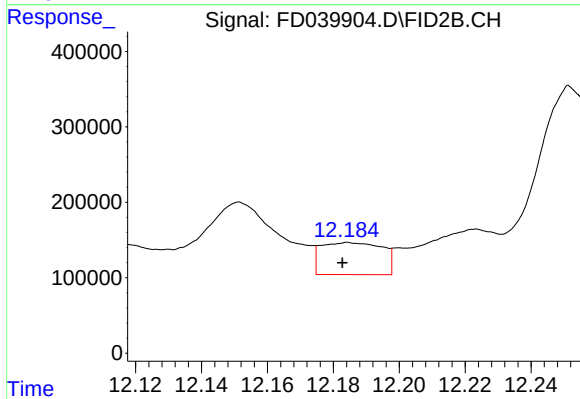
#11 ortho-Terphenyl (SURR)

R.T.: 10.852 min
Delta R.T.: 0.002 min
Response: 3524780
Conc: 23.15 ug/ml



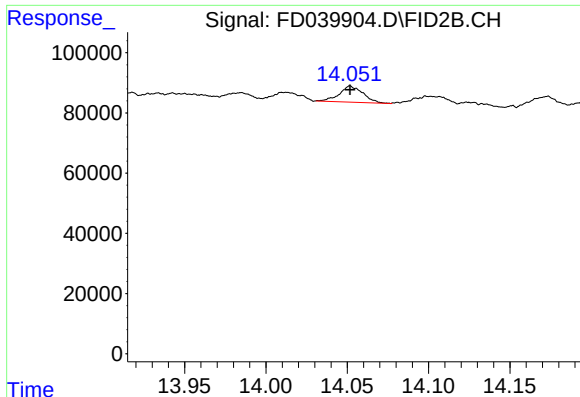
#12 Fluoranthene (C21.85)

R.T.: 11.878 min
Delta R.T.: -0.008 min
Response: 1338308
Conc: 8.75 ug/ml



#13 Pyrene (C20.8)

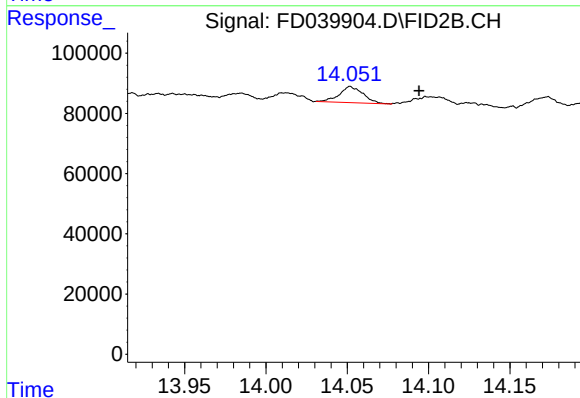
R.T.: 12.185 min
Delta R.T.: 0.002 min
Response: 546970
Conc: 3.67 ug/ml



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

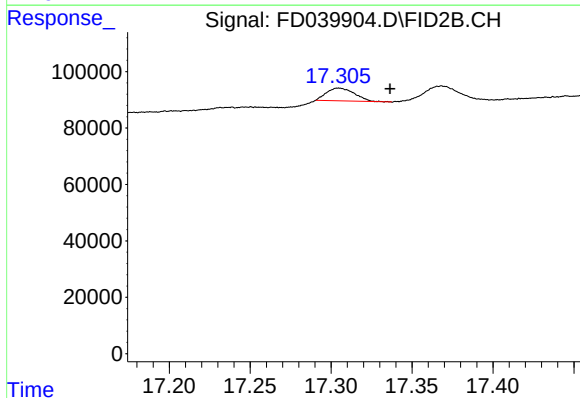
R.T.: 14.052 min
Delta R.T.: 0.000 min
Response: 54076
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



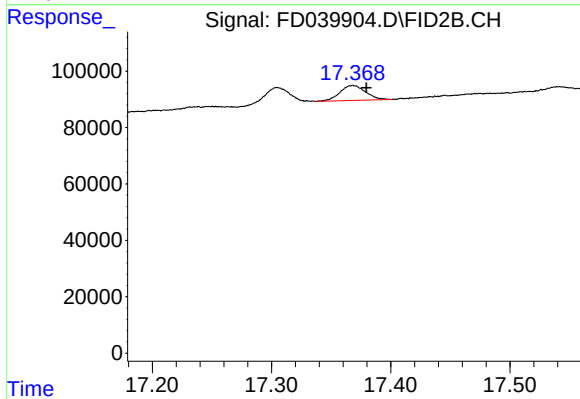
#15 Chrysene (C27.41)

R.T.: 14.052 min
Delta R.T.: -0.042 min
Response: 54076
Conc: 0.38 ug/ml



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

R.T.: 17.305 min
Delta R.T.: -0.032 min
Response: 54551
Conc: 0.45 ug/ml



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

R.T.: 17.368 min
Delta R.T.: -0.011 min
Response: 79234
Conc: 0.65 ug/ml