

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044073.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 12:49
 Operator : YP/AJ
 Sample : N5028-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 11 05:59:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 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...	7.422	6130688	46.593 ug/ml
Spiked Amount 50.000		Recovery =	93.19%
6) S 2-Fluorobiphenyl (SURR)	8.277	2828448	39.209 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.42%
11) S ortho-Terphenyl (SURR)	11.305	5707881	30.639 ug/ml
Spiked Amount 50.000		Recovery =	61.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	54432	0.362 ug/ml
2) T Naphthalene (C11.7)	5.795	1388822	9.753 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	10449251	71.428 ug/ml
5) T Acenaphthylene (C15.06)	8.064	1937067	12.553 ug/ml
7) T Acenaphthene (C15.5)	8.380	905755	5.176 ug/ml
8) T Flouorene (C16.55)	9.174	1336830	9.095 ug/ml
9) T Phenanthrene (C19.36)	10.547	2987755	20.646 ug/ml
10) T Anthracene (C19.43)	10.625	1571680	10.709 ug/ml
12) T Fluoranthene (C21.85)	12.370	1251132	8.157 ug/ml
13) T Pyrene (C20.8)	12.662	1797588	12.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	47248	0.497 ug/ml
20) T Dibenz[a,h]anthracene...	17.802	47248	0.393 ug/ml

(f)=RT Delta > 1/2 Window

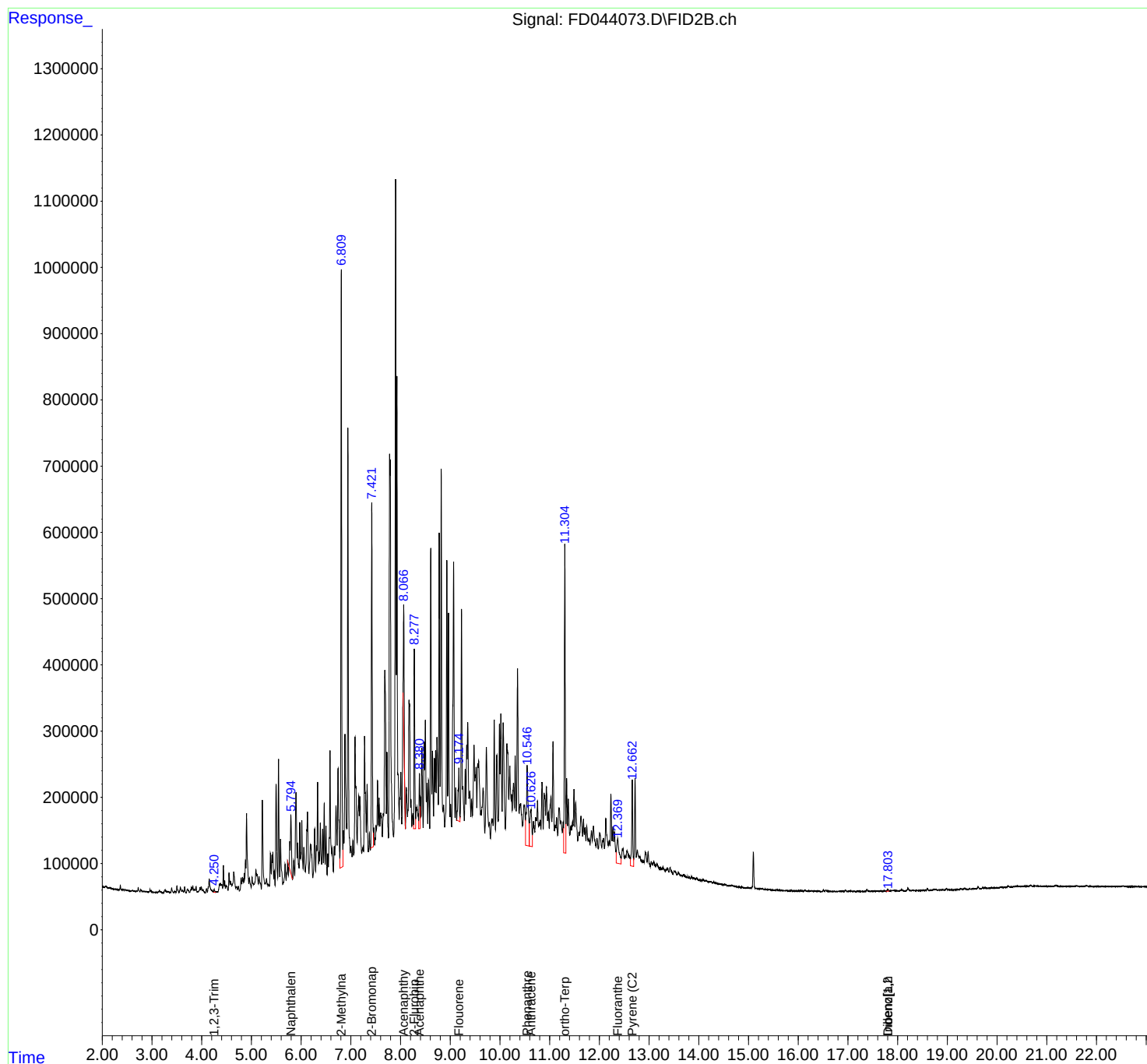
(m)=manual int.

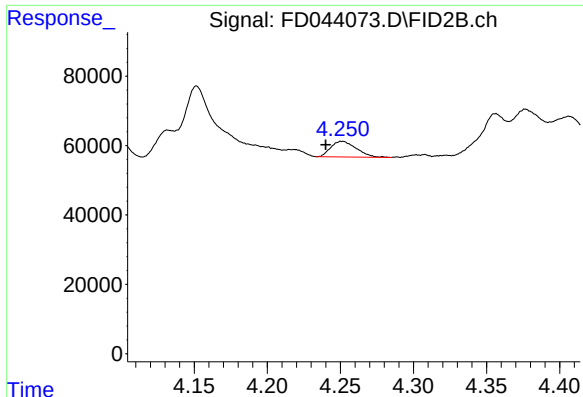
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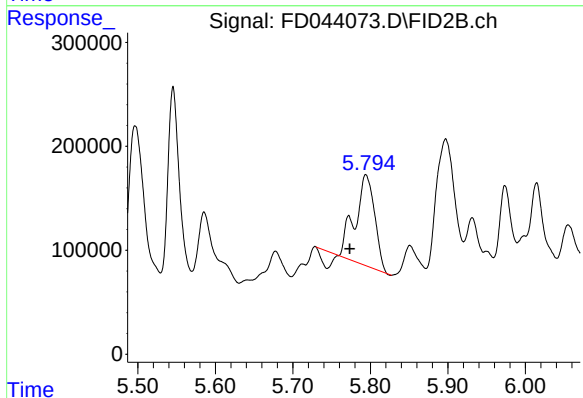




#1 1,2,3-Trimethylbenzene (C10.1)

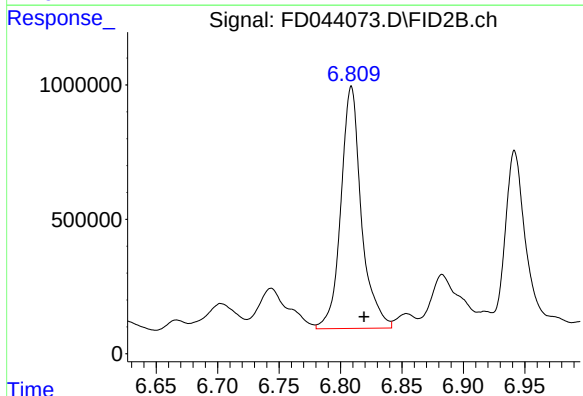
R.T.: 4.251 min
Delta R.T.: 0.011 min
Response: 54432
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



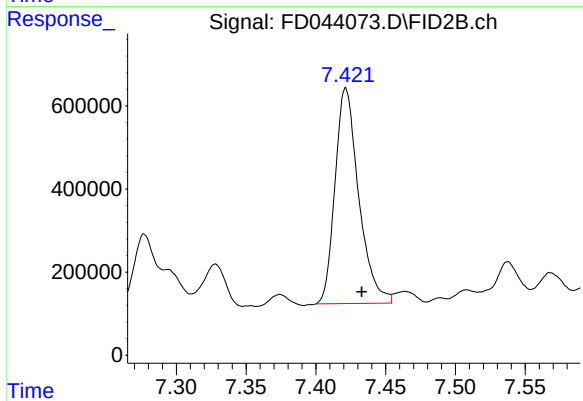
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: 0.021 min
Response: 1388822
Conc: 9.75 ug/ml



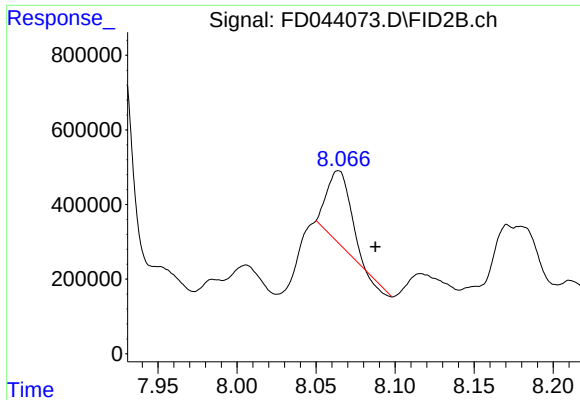
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.011 min
Response: 10449251
Conc: 71.43 ug/ml



#4 2-Bromonaphthalene (SURR)

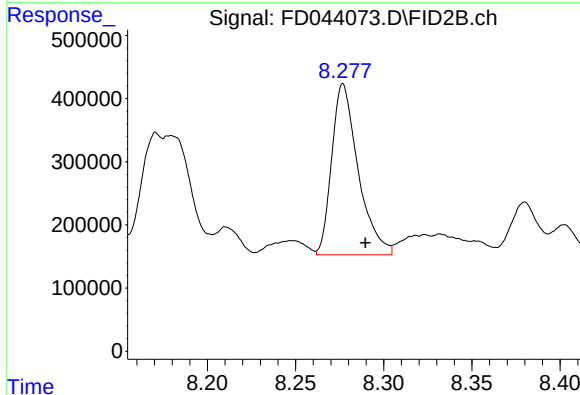
R.T.: 7.422 min
Delta R.T.: -0.011 min
Response: 6130688
Conc: 46.59 ug/ml



#5 Acenaphthylene (C15.06)

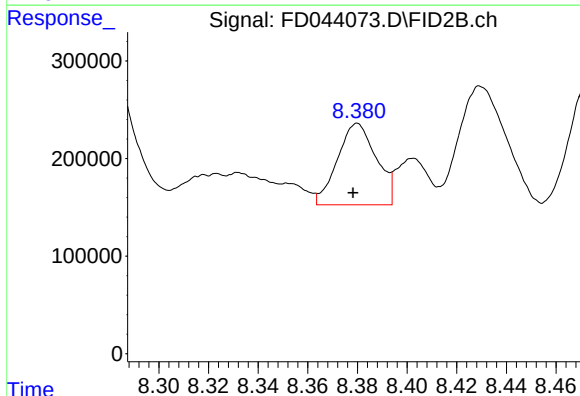
R.T.: 8.064 min
Delta R.T.: -0.024 min
Response: 1937067
Conc: 12.55 ug/ml

Instrument :
FID_D
ClientSampleId :



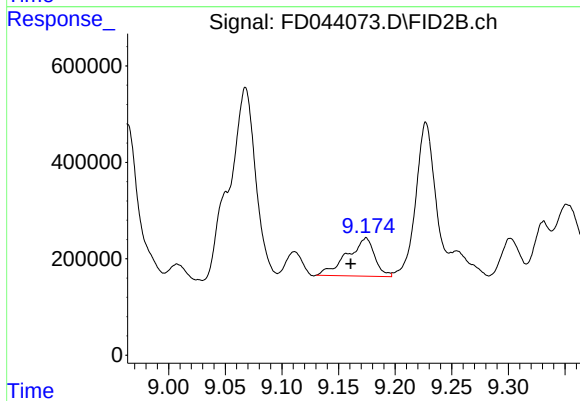
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.277 min
Delta R.T.: -0.012 min
Response: 2828448
Conc: 39.21 ug/ml



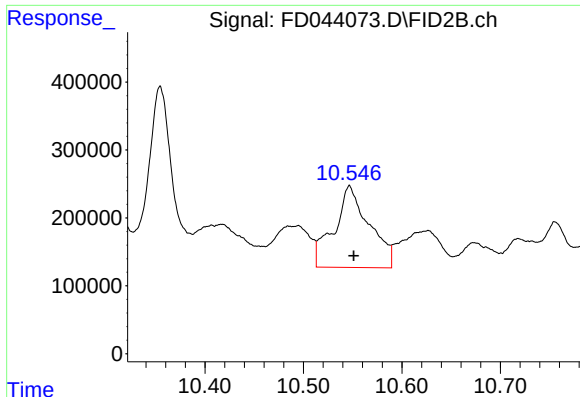
#7 Acenaphthene (C15.5)

R.T.: 8.380 min
Delta R.T.: 0.002 min
Response: 905755
Conc: 5.18 ug/ml



#8 Fluorene (C16.55)

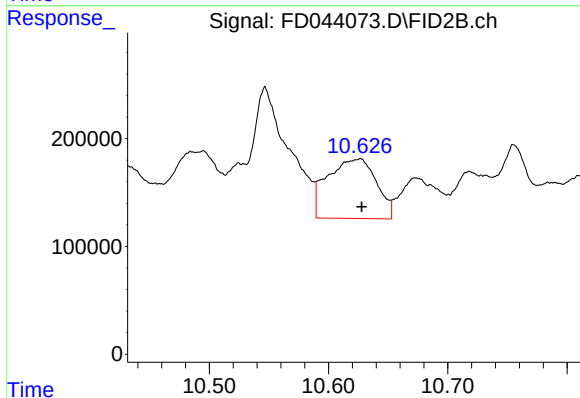
R.T.: 9.174 min
Delta R.T.: 0.013 min
Response: 1336830
Conc: 9.10 ug/ml



#9 Phenanthrene (C19.36)

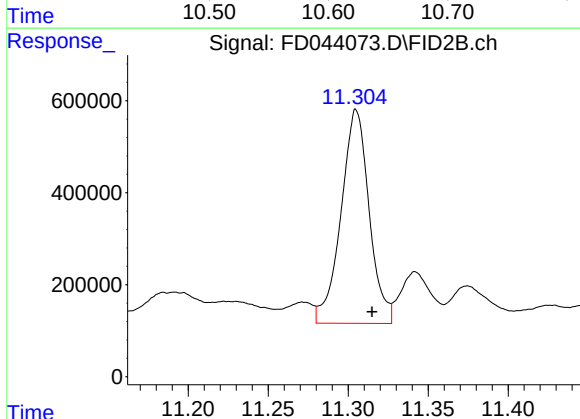
R.T.: 10.547 min
Delta R.T.: -0.004 min
Response: 2987755
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



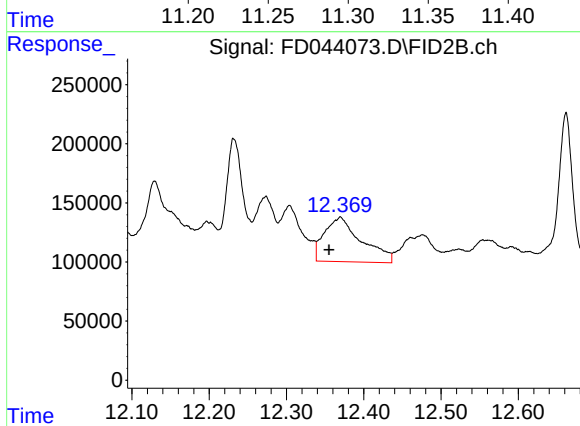
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.003 min
Response: 1571680
Conc: 10.71 ug/ml



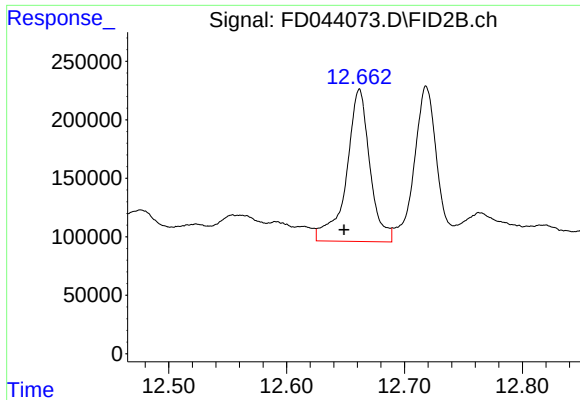
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: -0.010 min
Response: 5707881
Conc: 30.64 ug/ml



#12 Fluoranthene (C21.85)

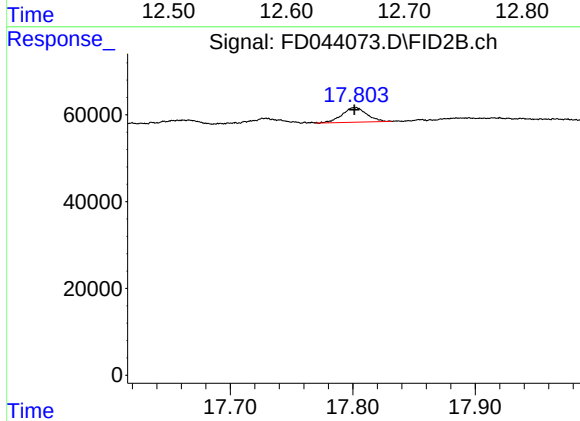
R.T.: 12.370 min
Delta R.T.: 0.014 min
Response: 1251132
Conc: 8.16 ug/ml



#13 Pyrene (C20.8)

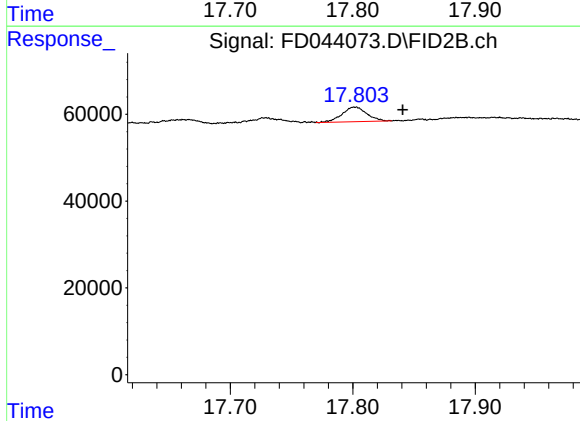
R.T.: 12.662 min
Delta R.T.: 0.013 min
Response: 1797588
Conc: 12.08 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.802 min
Delta R.T.: 0.000 min
Response: 47248
Conc: 0.50 ug/ml



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

R.T.: 17.802 min
Delta R.T.: -0.039 min
Response: 47248
Conc: 0.39 ug/ml