

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048616.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 10:08
 Operator : YP/AJ
 Sample : P4518-04DL2 20X
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:39:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.372	932647	6.145 ug/ml
Spiked Amount 50.000		Recovery =	12.29%
6) S 2-Fluorobiphenyl (SURR)	8.224	950335	9.678 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.253	926717	5.440 ug/ml
Spiked Amount 50.000		Recovery =	10.88%
Target Compounds			
2) T Naphthalene (C11.7)	5.687	151819	0.851 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	808941	4.523 ug/ml
5) T Acenaphthylene (C15.06)	8.007	1586652	9.036 ug/ml
7) T Acenaphthene (C15.5)	8.317	341397	1.925 ug/ml
8) T Flouorene (C16.55)	9.095	729434	4.315 ug/ml
9) T Phenanthrene (C19.36)	10.483	1315701	7.959 ug/ml
10) T Anthracene (C19.43)	10.581	833088	5.210 ug/ml
12) T Fluoranthene (C21.85)	12.290	521965	3.172 ug/ml
13) T Pyrene (C20.8)	12.584	217427	1.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807f	22971	0.176 ug/ml
20) T Dibenz[a,h]anthracene...	17.807	22971	0.141 ug/ml

(f)=RT Delta > 1/2 Window

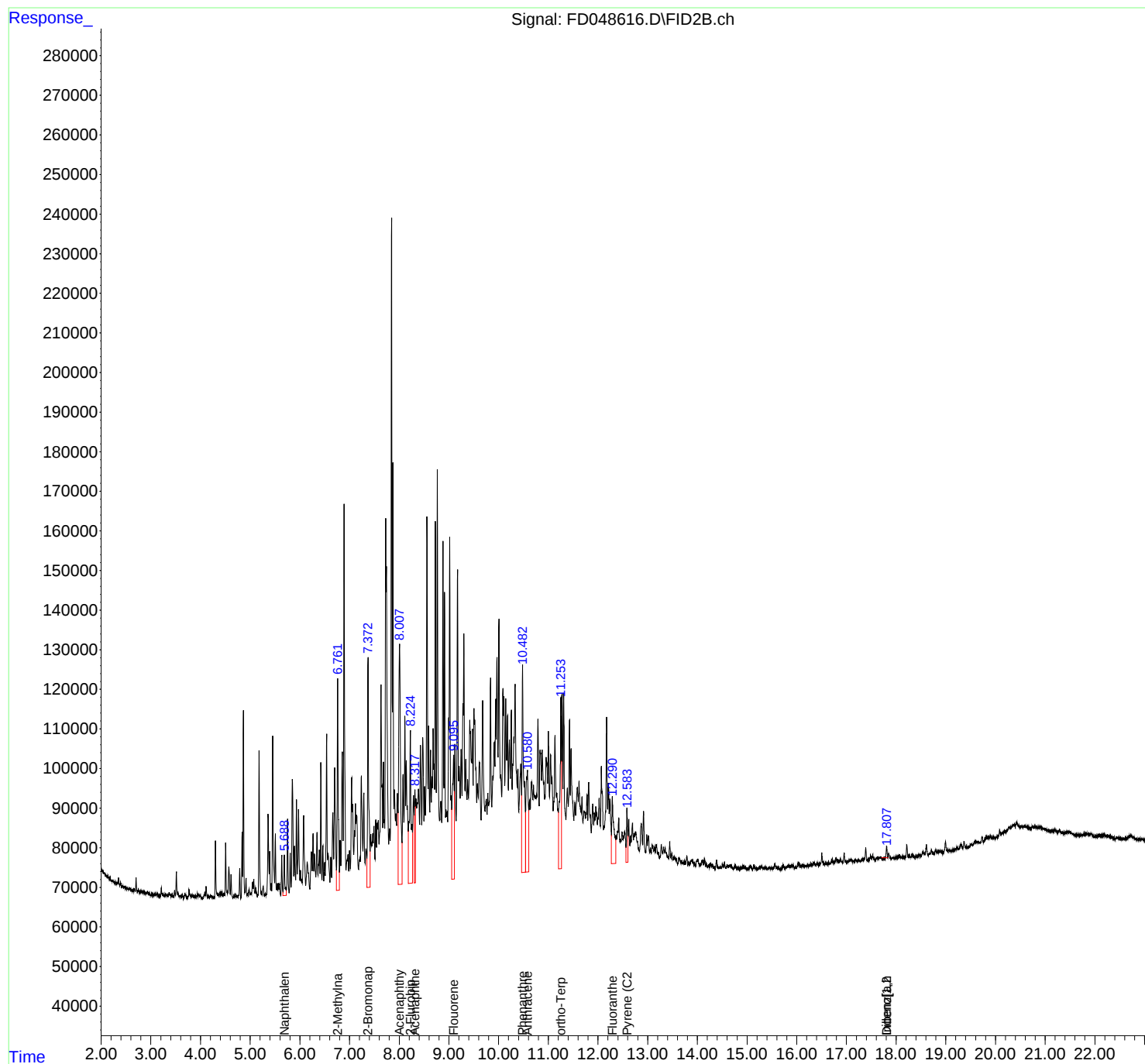
(m)=manual int.

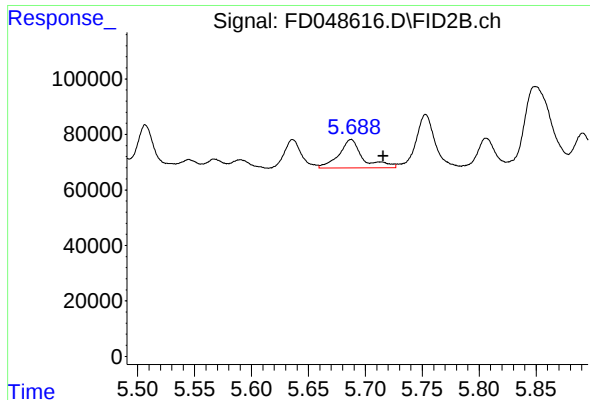
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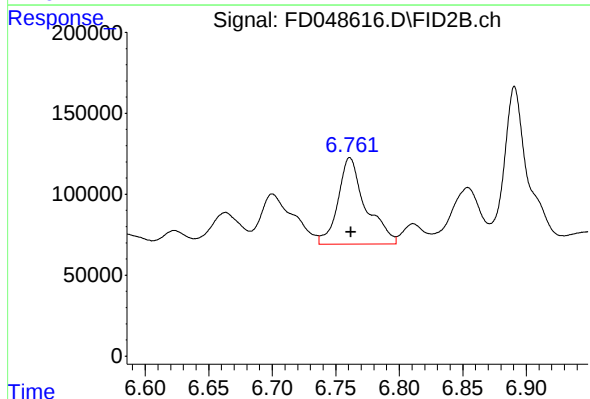
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.028 min
Response: 151819
Conc: 0.85 ug/ml

Instrument :

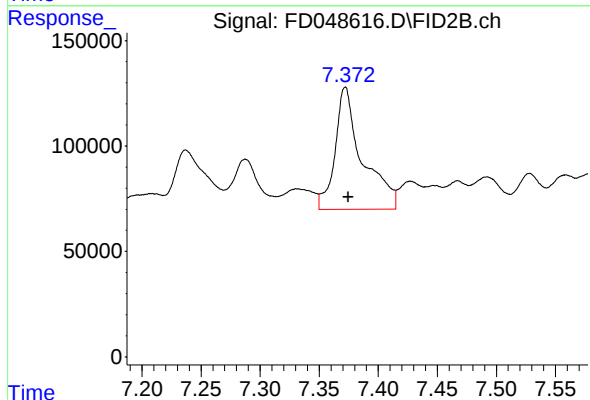
FID_D

ClientSampleId :



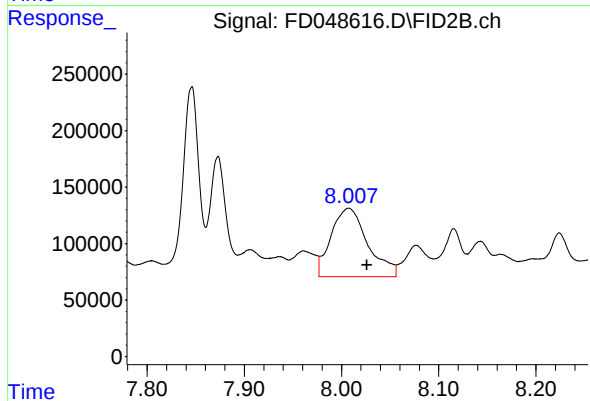
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 808941
Conc: 4.52 ug/ml



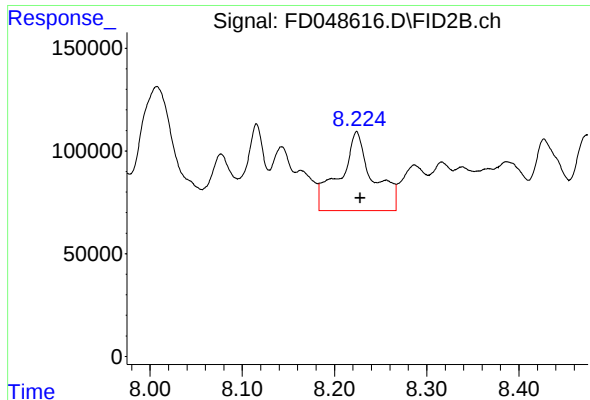
#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 932647
Conc: 6.14 ug/ml



#5 Acenaphthylene (C15.06)

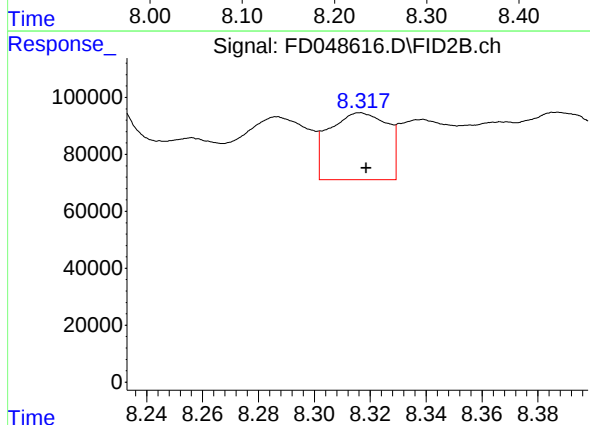
R.T.: 8.007 min
Delta R.T.: -0.019 min
Response: 1586652
Conc: 9.04 ug/ml



#6 2-Fluorobiphenyl (SURR)

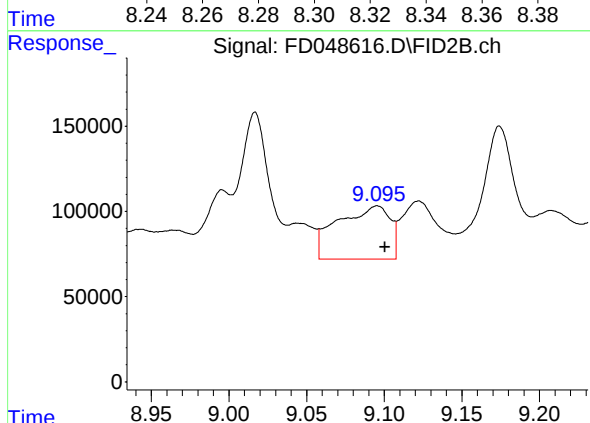
R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 950335
Conc: 9.68 ug/ml

Instrument :
FID_D
ClientSampleId :



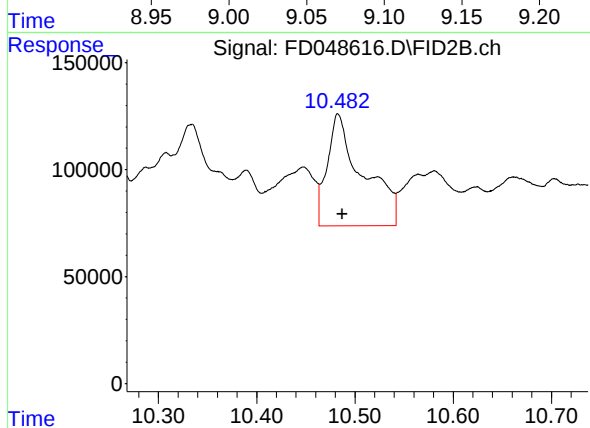
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 341397
Conc: 1.92 ug/ml



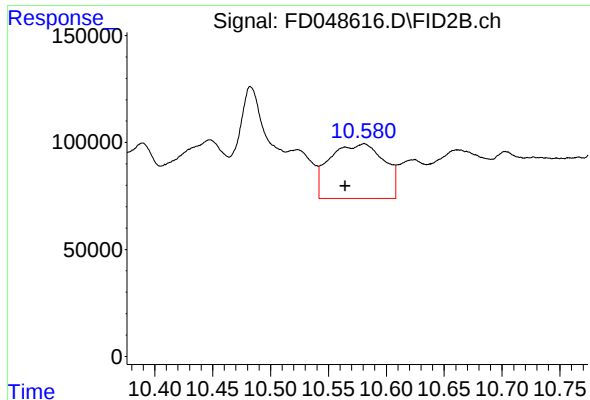
#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.005 min
Response: 729434
Conc: 4.32 ug/ml



#9 Phenanthrene (C19.36)

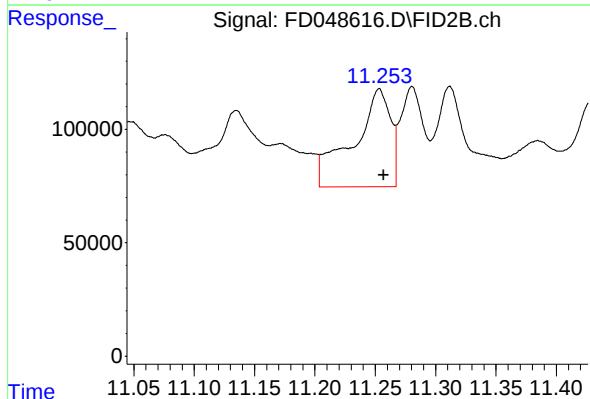
R.T.: 10.483 min
Delta R.T.: -0.004 min
Response: 1315701
Conc: 7.96 ug/ml



#10 Anthracene (C19.43)

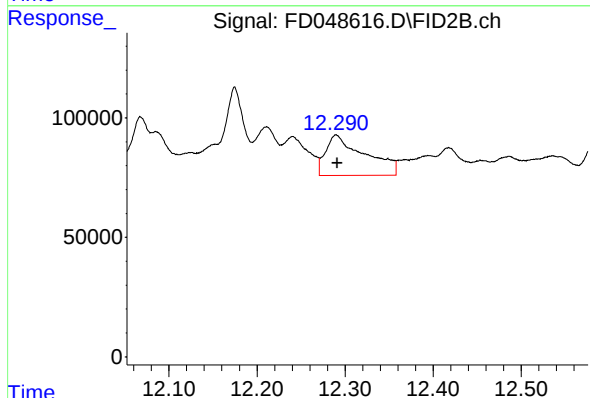
R.T.: 10.581 min
Delta R.T.: 0.016 min
Response: 833088
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :



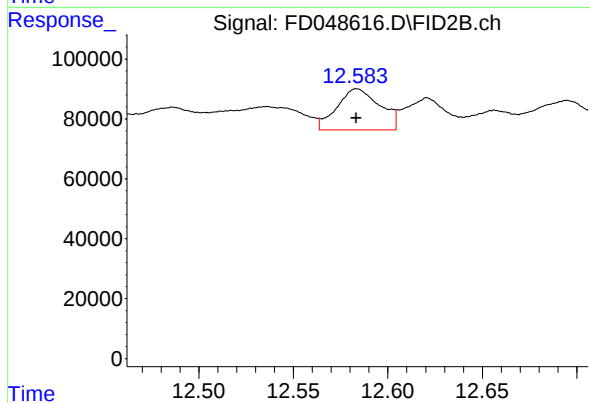
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 926717
Conc: 5.44 ug/ml



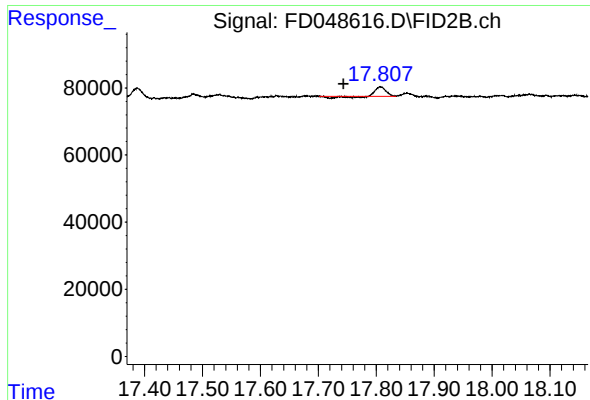
#12 Fluoranthene (C21.85)

R.T.: 12.290 min
Delta R.T.: -0.001 min
Response: 521965
Conc: 3.17 ug/ml



#13 Pyrene (C20.8)

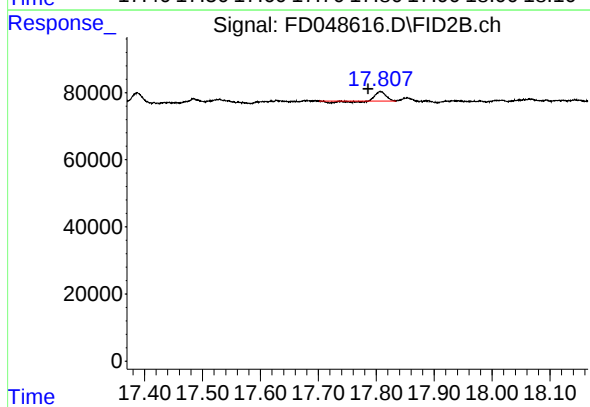
R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 217427
Conc: 1.35 ug/ml



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

R.T.: 17.807 min
Delta R.T.: 0.064 min
Response: 22971
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.807 min
Delta R.T.: 0.021 min
Response: 22971
Conc: 0.14 ug/ml