

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048611.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 18:52
 Operator : YP/AJ
 Sample : P4518-02DL2 20X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:38:34 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	687182	4.528 ug/ml
Spiked Amount 50.000		Recovery =	9.06%
6) S 2-Fluorobiphenyl (SURR)	8.224	573404	5.840 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.68%
11) S ortho-Terphenyl (SURR)	11.253	552234	3.242 ug/ml
Spiked Amount 50.000		Recovery =	6.48%
Target Compounds			
2) T Naphthalene (C11.7)	5.687	85910	0.481 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	283950	1.588 ug/ml
5) T Acenaphthylene (C15.06)	8.009	708497	4.035 ug/ml
7) T Acenaphthene (C15.5)	8.318	137837	0.777 ug/ml
8) T Fluorene (C16.55)	9.096	325173	1.924 ug/ml
9) T Phenanthrene (C19.36)	10.485	709150	4.290 ug/ml
10) T Anthracene (C19.43)	10.581	494128	3.090 ug/ml
12) T Fluoranthene (C21.85)	12.291	290586	1.766 ug/ml
13) T Pyrene (C20.8)	12.585	127885	0.794 ug/ml
14) T Benzo[a]anthracene (C...	14.384f	49365	0.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806f	43400	0.333 ug/ml
20) T Dibenz[a,h]anthracene...	17.806	43400	0.267 ug/ml

(f)=RT Delta > 1/2 Window

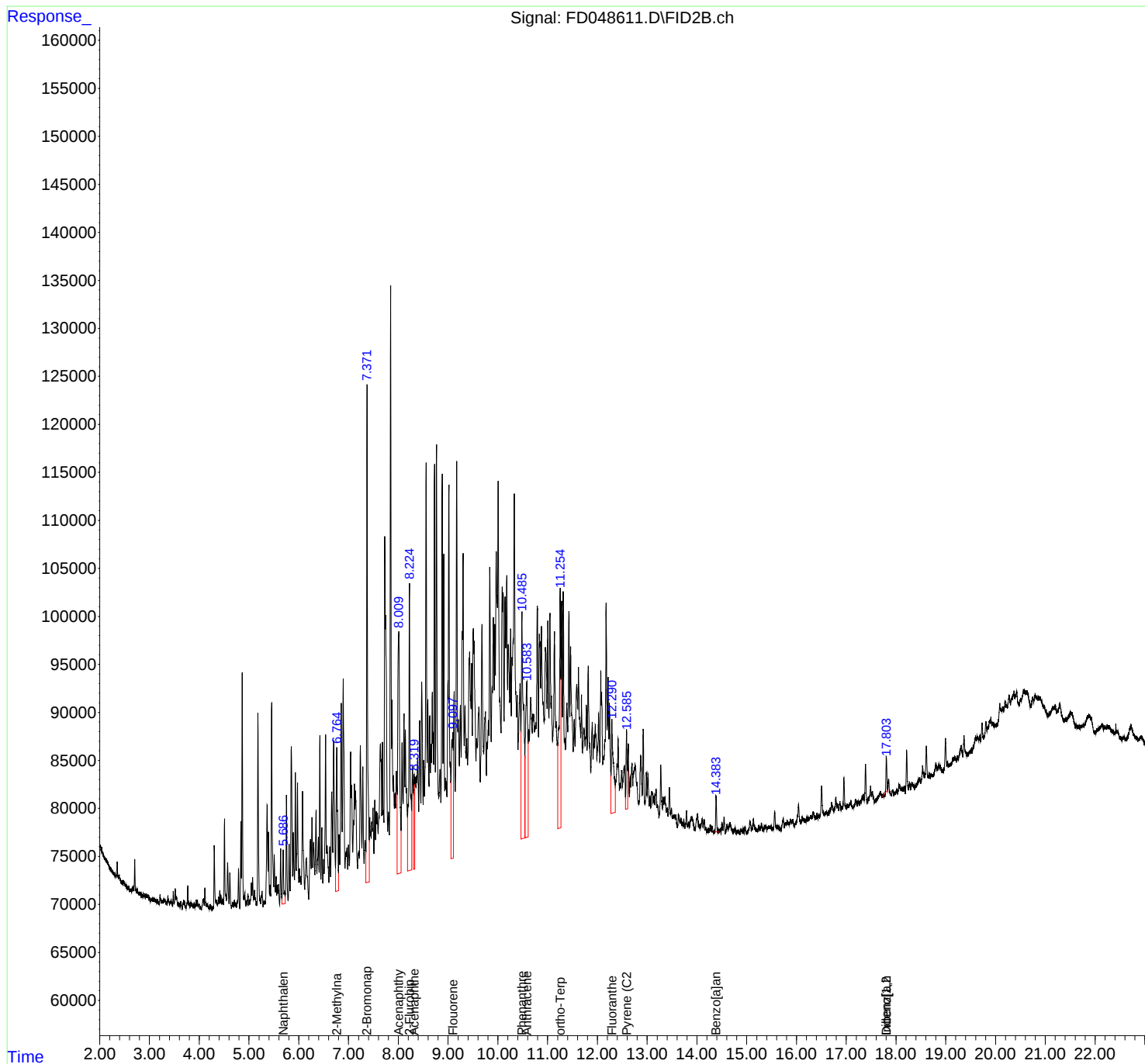
(m)=manual int.

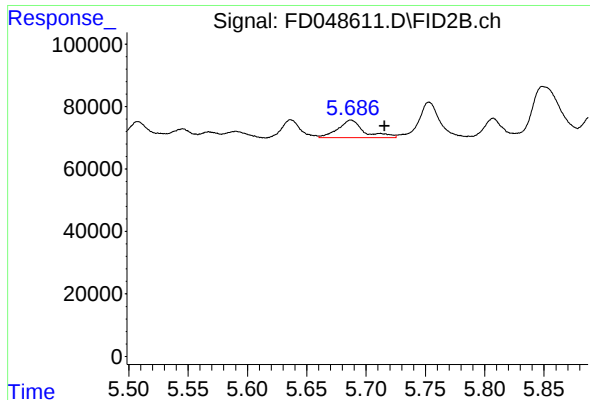
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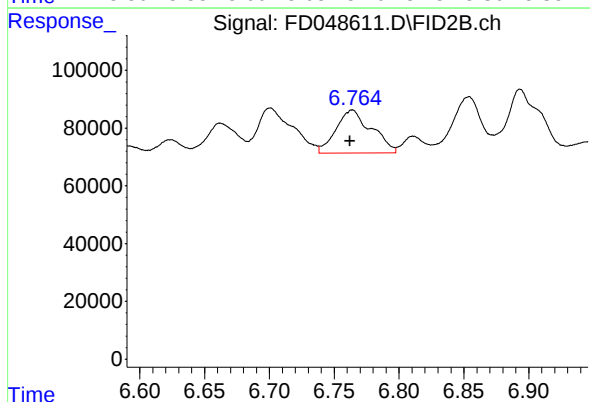




#2 Naphthalene (C11.7)

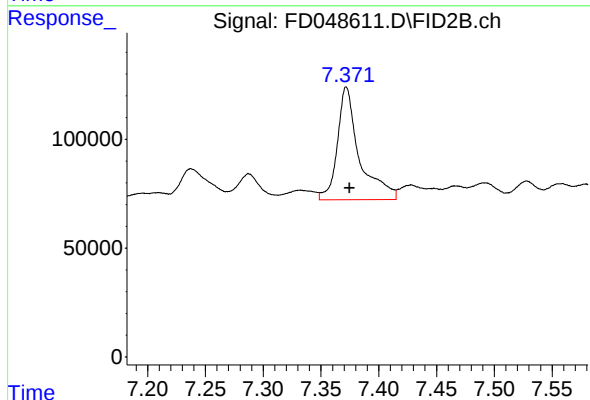
R.T.: 5.687 min
Delta R.T.: -0.028 min
Response: 85910
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



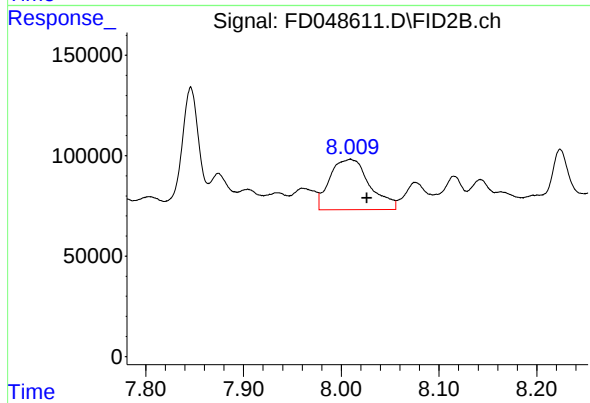
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 283950
Conc: 1.59 ug/ml



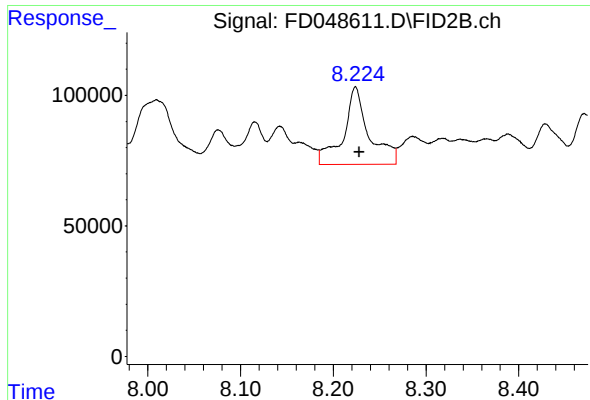
#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 687182
Conc: 4.53 ug/ml



#5 Acenaphthylene (C15.06)

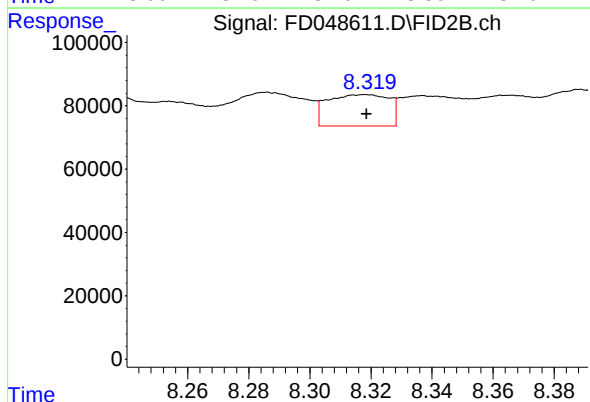
R.T.: 8.009 min
Delta R.T.: -0.017 min
Response: 708497
Conc: 4.03 ug/ml



#6 2-Fluorobiphenyl (SURR)

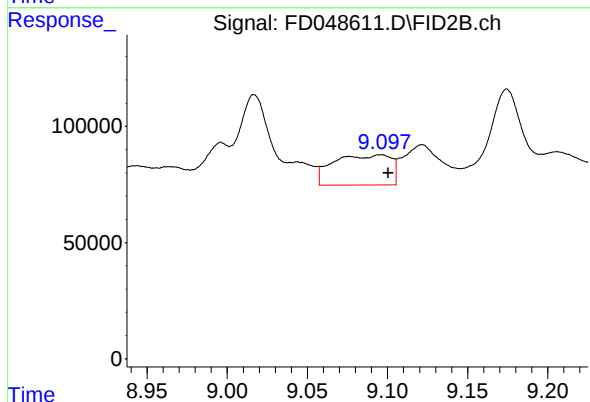
R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 573404
Conc: 5.84 ug/ml

Instrument :
FID_D
ClientSampleId :



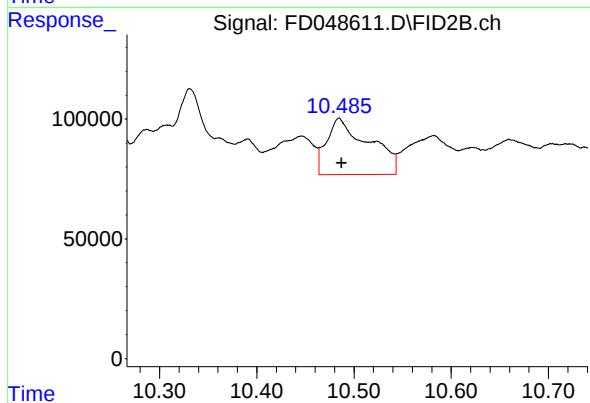
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 137837
Conc: 0.78 ug/ml



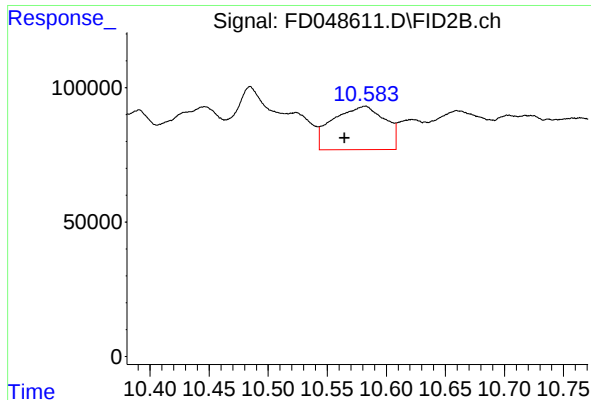
#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: -0.005 min
Response: 325173
Conc: 1.92 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 709150
Conc: 4.29 ug/ml



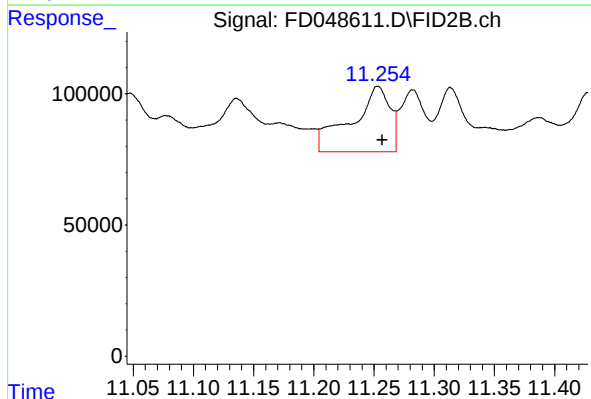
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.017 min
Response: 494128
Conc: 3.09 ug/ml

Instrument :

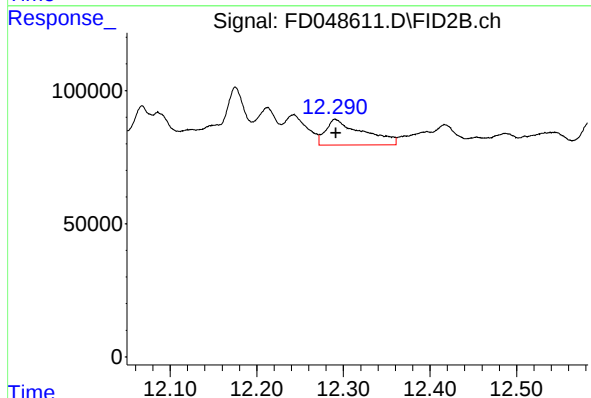
FID_D

ClientSampleId :



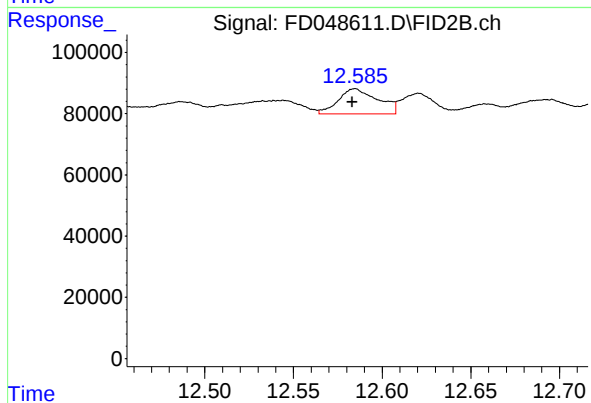
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 552234
Conc: 3.24 ug/ml



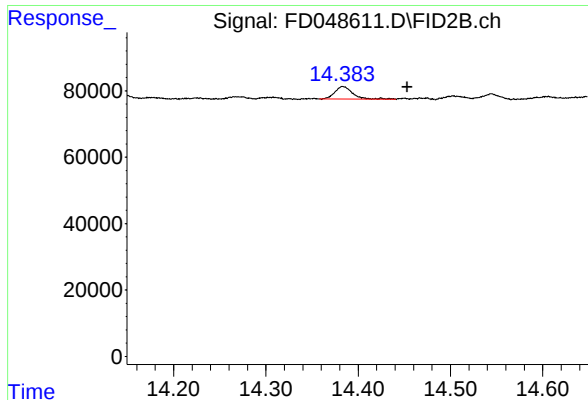
#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 290586
Conc: 1.77 ug/ml



#13 Pyrene (C20.8)

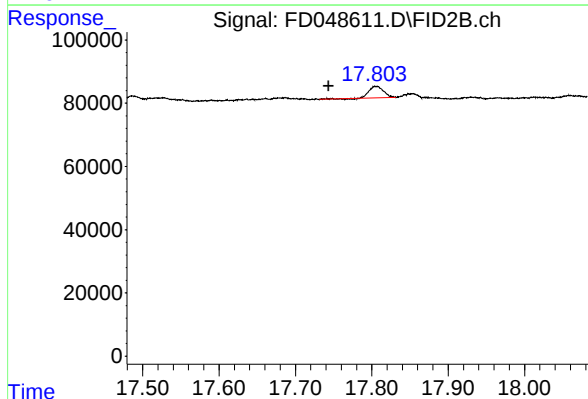
R.T.: 12.585 min
Delta R.T.: 0.002 min
Response: 127885
Conc: 0.79 ug/ml



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

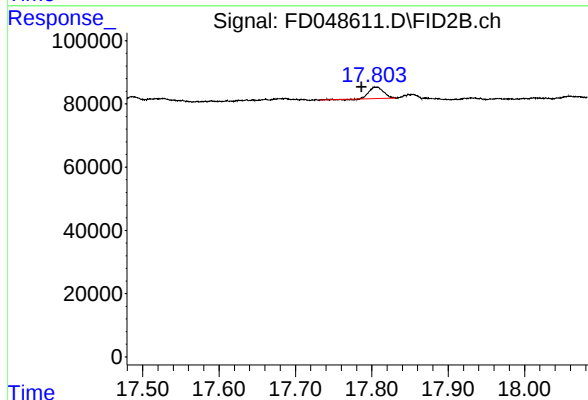
R.T.: 14.384 min
Delta R.T.: -0.069 min
Response: 49365
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.806 min
Delta R.T.: 0.062 min
Response: 43400
Conc: 0.33 ug/ml



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

R.T.: 17.806 min
Delta R.T.: 0.019 min
Response: 43400
Conc: 0.27 ug/ml