

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048617.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 10:46
 Operator : YP/AJ
 Sample : P4518-05DL 5X
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:39:50 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...	7.371	1671447	11.012 ug/ml
Spiked Amount 50.000		Recovery =	22.02%
6) S 2-Fluorobiphenyl (SURR)	8.221	1392929	14.186 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	28.37%
11) S ortho-Terphenyl (SURR)	11.254	1550179	9.101 ug/ml
Spiked Amount 50.000		Recovery =	18.20%
Target Compounds			
2) T Naphthalene (C11.7)	5.720	86884	0.487 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	789214	4.412 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1286140	7.325 ug/ml
7) T Acenaphthene (C15.5)	8.316	385134	2.171 ug/ml
8) T Flouorene (C16.55)	9.095	773796	4.578 ug/ml
9) T Phenanthrene (C19.36)	10.483	1039599	6.289 ug/ml
10) T Anthracene (C19.43)	10.580	819831	5.127 ug/ml
12) T Fluoranthene (C21.85)	12.288	653832	3.973 ug/ml
13) T Pyrene (C20.8)	12.583	289294	1.796 ug/ml

(f)=RT Delta > 1/2 Window

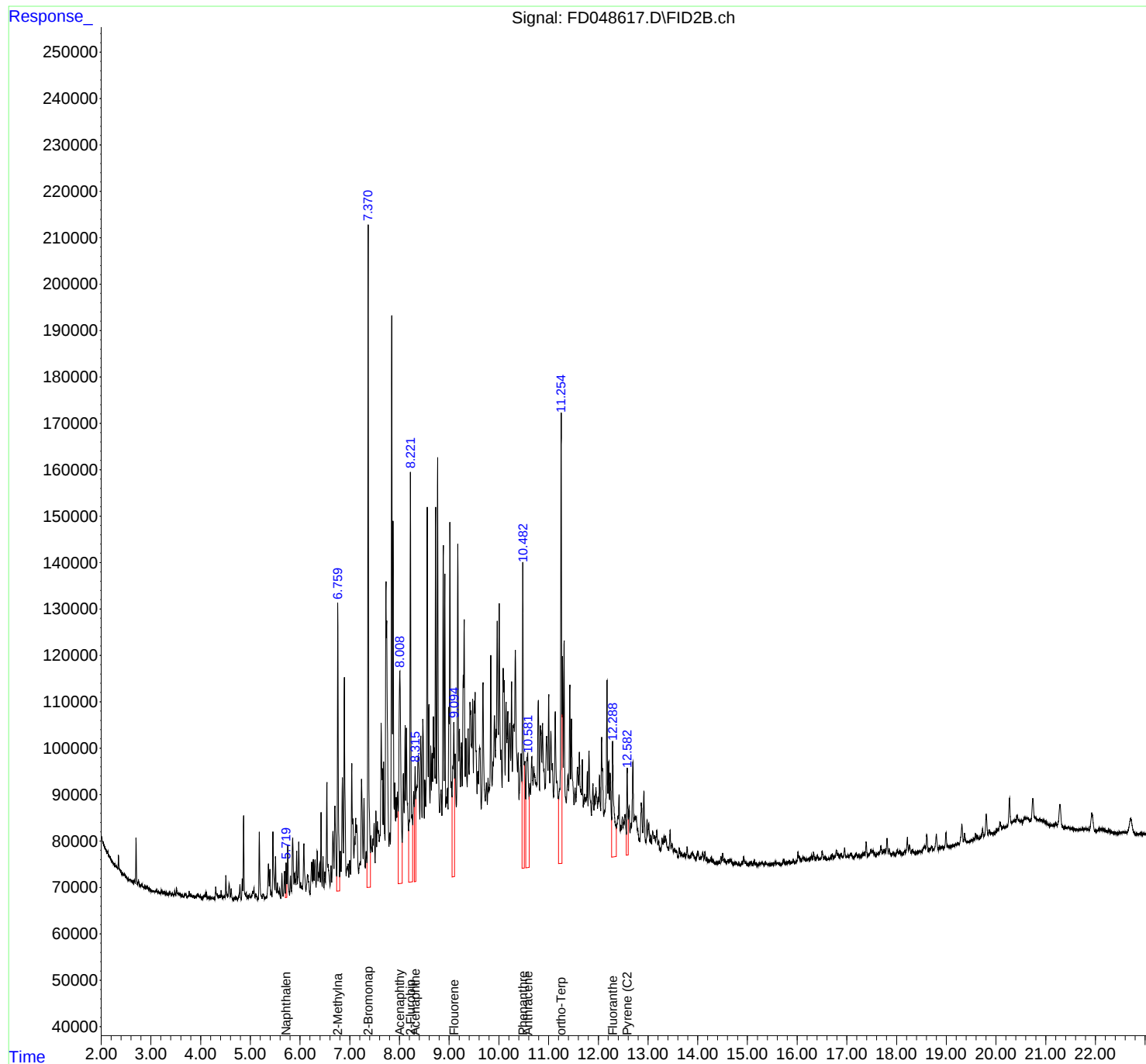
(m)=manual int.

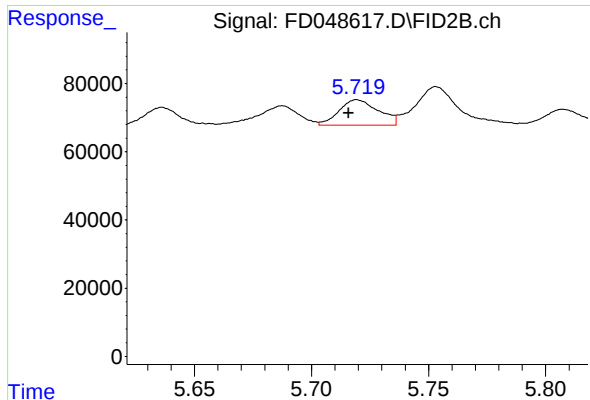
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Signal Info : 20M x 0.18mm x 0.18µm

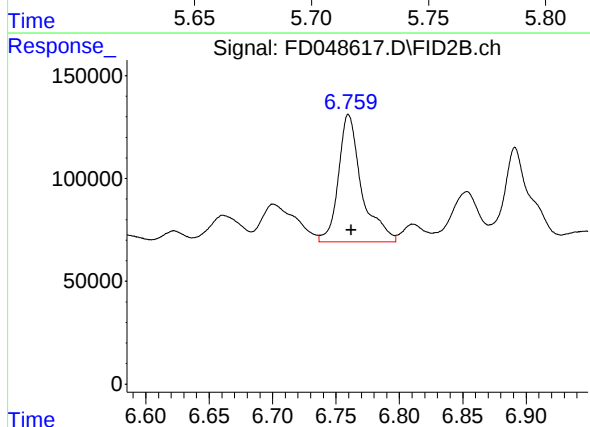




#2 Naphthalene (C11.7)

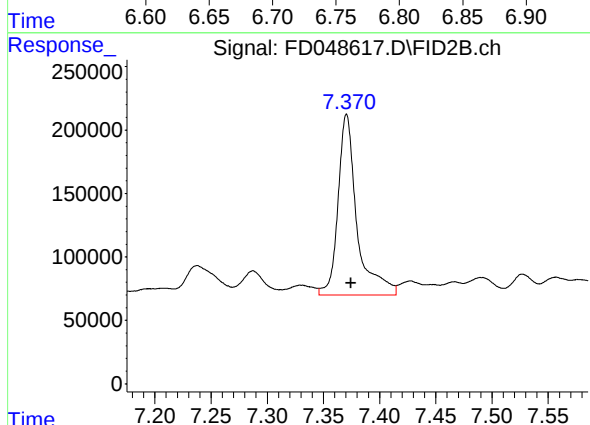
R.T.: 5.720 min
Delta R.T.: 0.004 min
Response: 86884
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



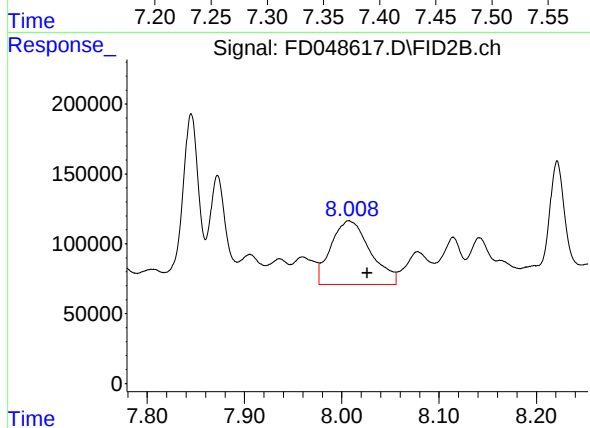
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 789214
Conc: 4.41 ug/ml



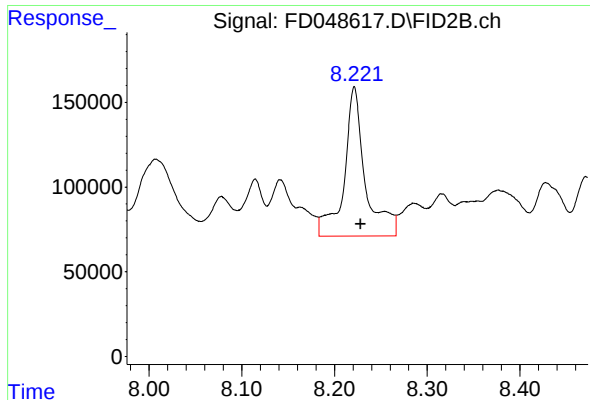
#4 2-Bromonaphthalene (SURR)

R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 1671447
Conc: 11.01 ug/ml



#5 Acenaphthylene (C15.06)

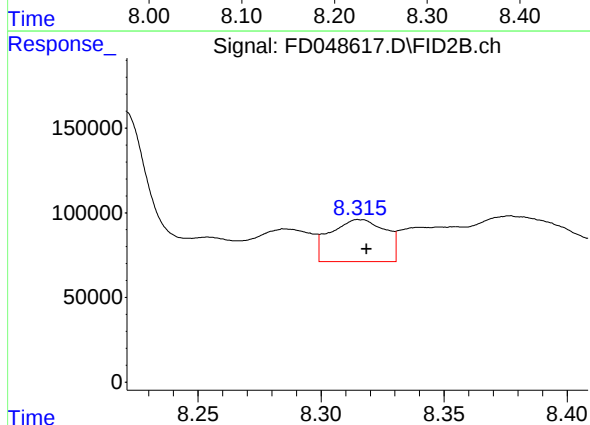
R.T.: 8.008 min
Delta R.T.: -0.018 min
Response: 1286140
Conc: 7.32 ug/ml



#6 2-Fluorobiphenyl (SURR)

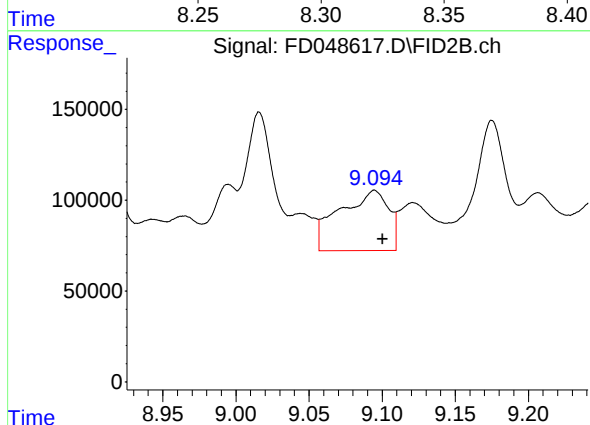
R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 1392929
Conc: 14.19 ug/ml

Instrument :
FID_D
ClientSampleId :



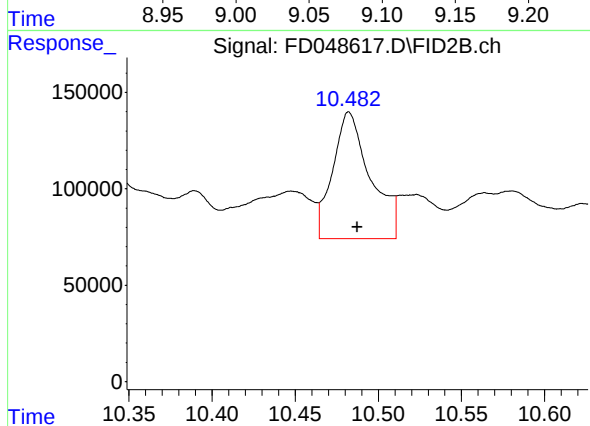
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 385134
Conc: 2.17 ug/ml



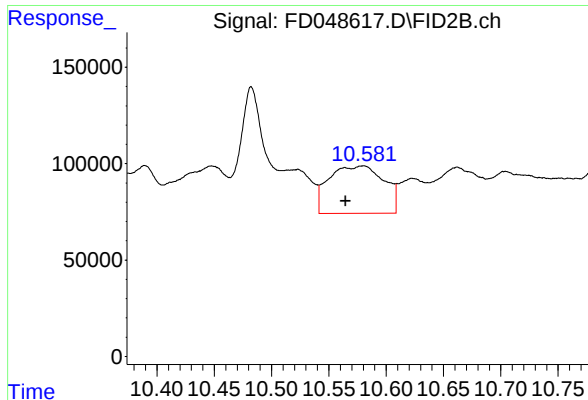
#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 773796
Conc: 4.58 ug/ml



#9 Phenanthrene (C19.36)

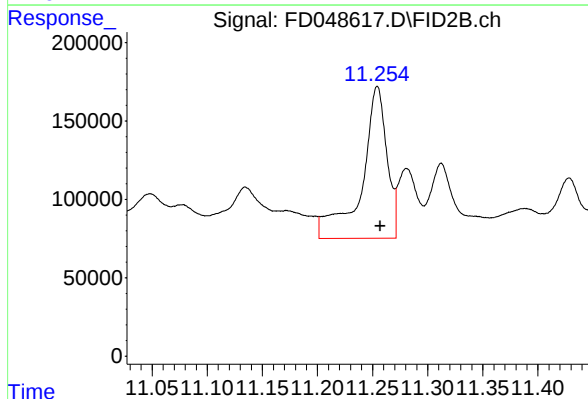
R.T.: 10.483 min
Delta R.T.: -0.005 min
Response: 1039599
Conc: 6.29 ug/ml



#10 Anthracene (C19.43)

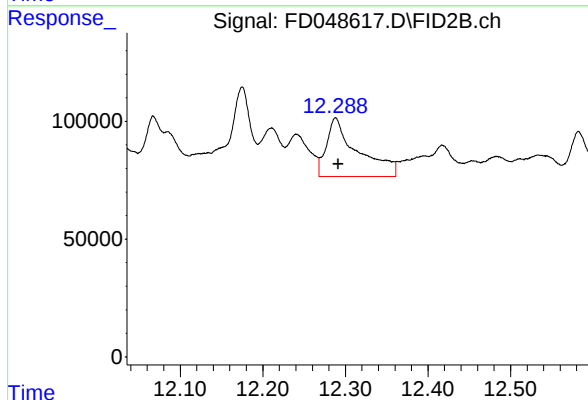
R.T.: 10.580 min
Delta R.T.: 0.015 min
Response: 819831
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :



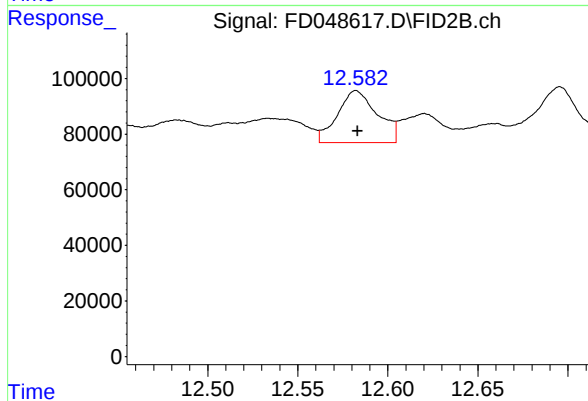
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 1550179
Conc: 9.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: -0.003 min
Response: 653832
Conc: 3.97 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 289294
Conc: 1.80 ug/ml