

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048936.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 15:55
 Operator : YP/AJ
 Sample : Q1049-01DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 10 23:17:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:22:13 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...	7.361	1366017	8.586 ug/ml
Spiked Amount 50.000		Recovery =	17.17%
6) S 2-Fluorobiphenyl (SURR)	8.222	551835	5.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.29%
11) S ortho-Terphenyl (SURR)	11.242	1034723	5.638 ug/ml
Spiked Amount 50.000		Recovery =	11.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	266734	1.547 ug/ml
2) T Naphthalene (C11.7)	5.709	524891	2.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	178373	0.968 ug/ml
7) T Acenaphthene (C15.5)	8.269	415970	2.192 ug/ml
9) T Phenanthrene (C19.36)	10.424f	57856	0.330 ug/ml

(f)=RT Delta > 1/2 Window

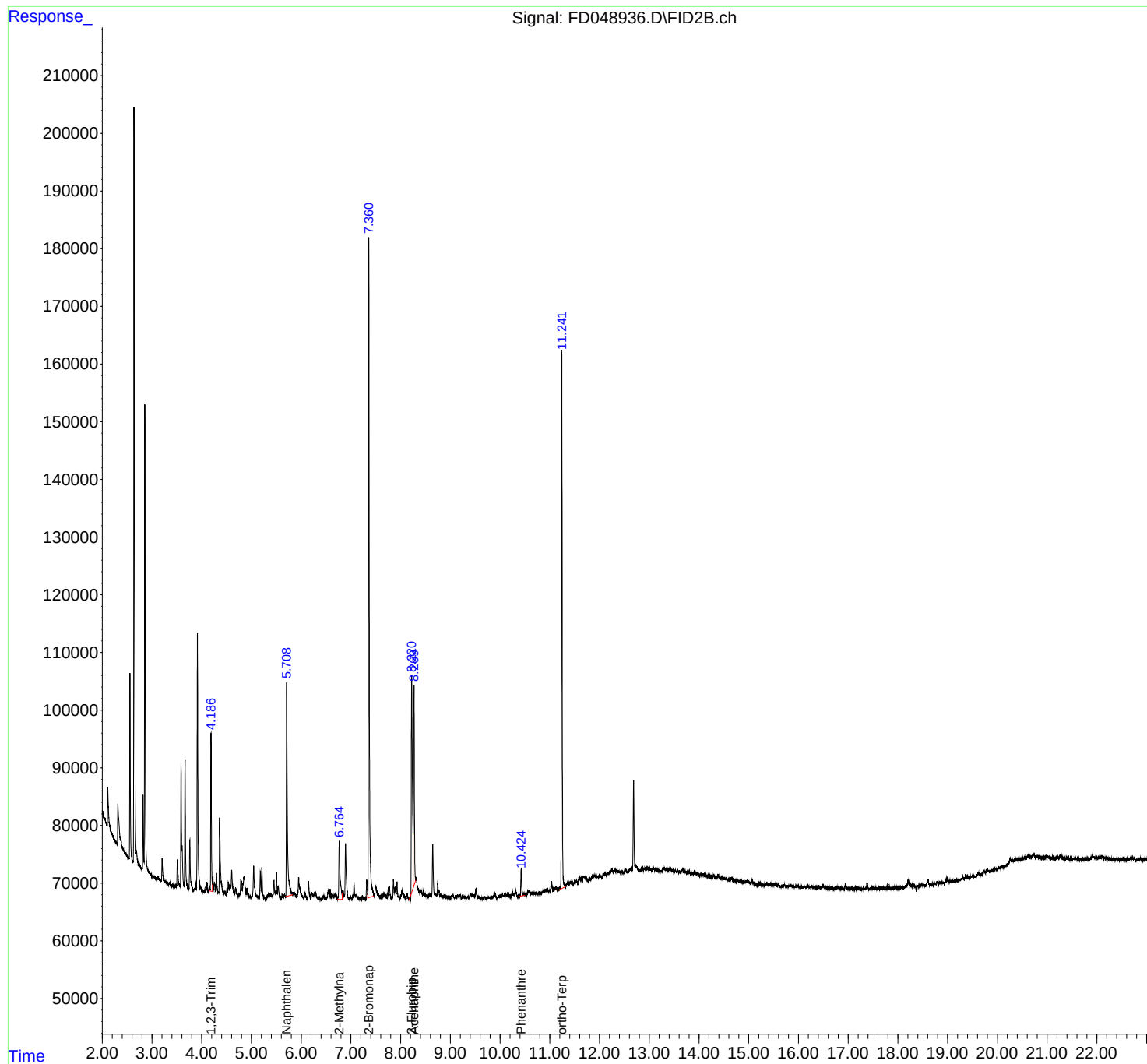
(m)=manual int.

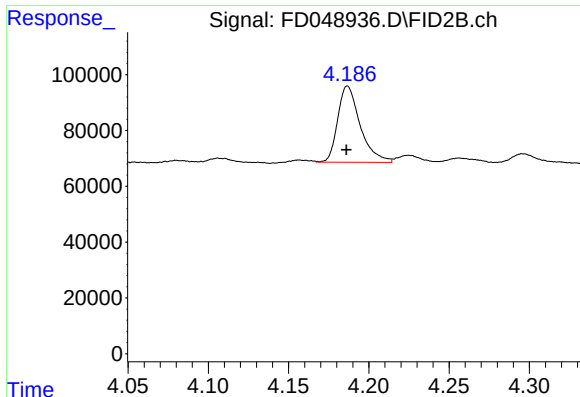
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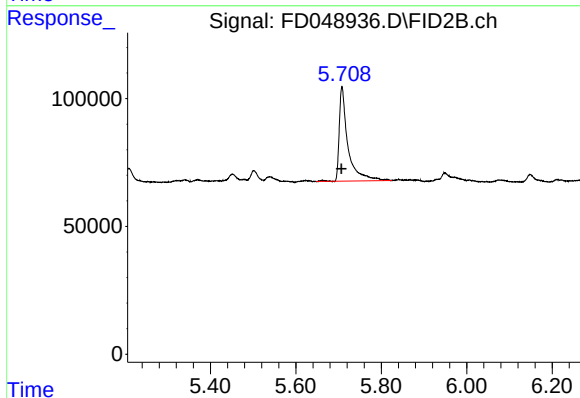




#1 1,2,3-Trimethylbenzene (C10.1)

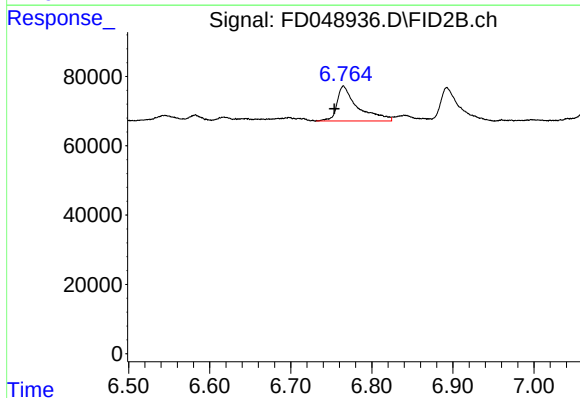
R.T.: 4.187 min
Delta R.T.: 0.001 min
Response: 266734
Conc: 1.55 ug/ml

Instrument :
FID_D
ClientSampleId :



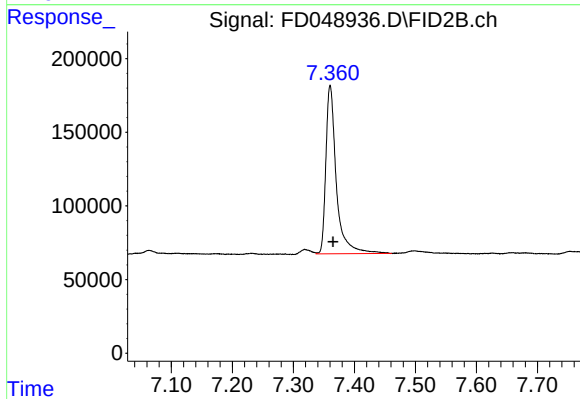
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: 0.002 min
Response: 524891
Conc: 2.89 ug/ml



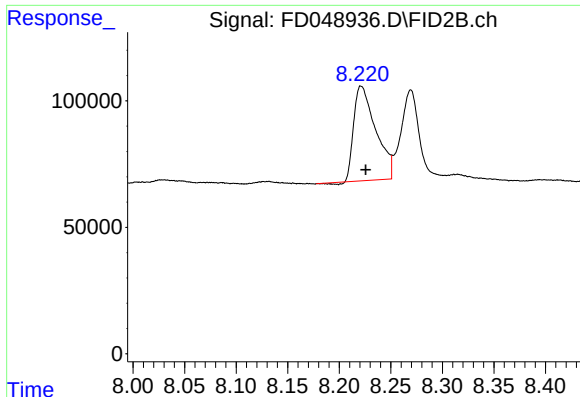
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: 0.012 min
Response: 178373
Conc: 0.97 ug/ml



#4 2-Bromonaphthalene (SURR)

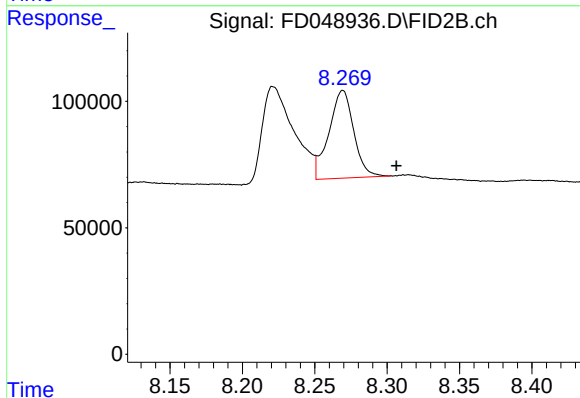
R.T.: 7.361 min
Delta R.T.: -0.005 min
Response: 1366017
Conc: 8.59 ug/ml



#6 2-Fluorobiphenyl (SURR)

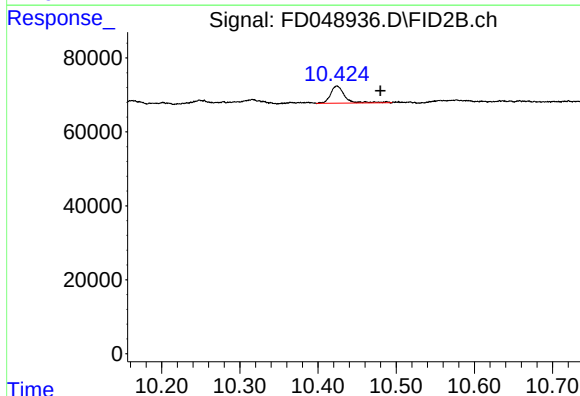
R.T.: 8.222 min
Delta R.T.: -0.004 min
Response: 551835
Conc: 5.64 ug/ml

Instrument :
FID_D
ClientSampleId :



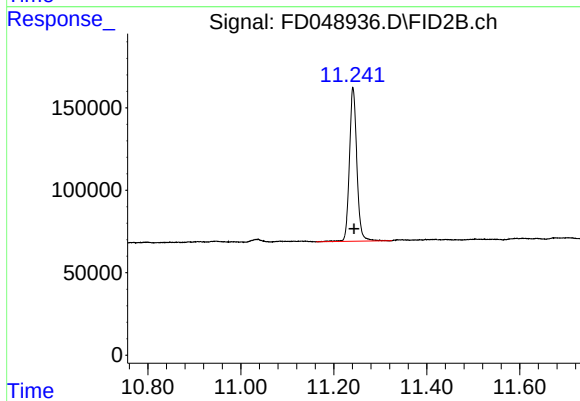
#7 Acenaphthene (C15.5)

R.T.: 8.269 min
Delta R.T.: -0.037 min
Response: 415970
Conc: 2.19 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.424 min
Delta R.T.: -0.055 min
Response: 57856
Conc: 0.33 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 1034723
Conc: 5.64 ug/ml