

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048933.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 13:32
 Operator : YP/AJ
 Sample : Q1049-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 10 23:16:29 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...	7.358	6964171	43.774 ug/ml
Spiked Amount 50.000		Recovery =	87.55%
6) S 2-Fluorobiphenyl (SURR)	8.208	4371429	44.701 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.40%
11) S ortho-Terphenyl (SURR)	11.242	4997443	27.231 ug/ml
Spiked Amount 50.000		Recovery =	54.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	1383650	8.025 ug/ml
2) T Naphthalene (C11.7)	5.699	2845901	15.671 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	976829	5.299 ug/ml
5) T Acenaphthylene (C15.06)	8.009	149410	0.812 ug/ml
7) T Acenaphthene (C15.5)	8.311	168255	0.887 ug/ml
8) T Flouorene (C16.55)	9.106	108368	0.608 ug/ml
9) T Phenanthrene (C19.36)	10.499	90852	0.518 ug/ml
10) T Anthracene (C19.43)	10.499	90852	0.535 ug/ml
12) T Fluoranthene (C21.85)	12.300	188890	1.045 ug/ml
13) T Pyrene (C20.8)	12.604	129924	0.723 ug/ml

(f)=RT Delta > 1/2 Window

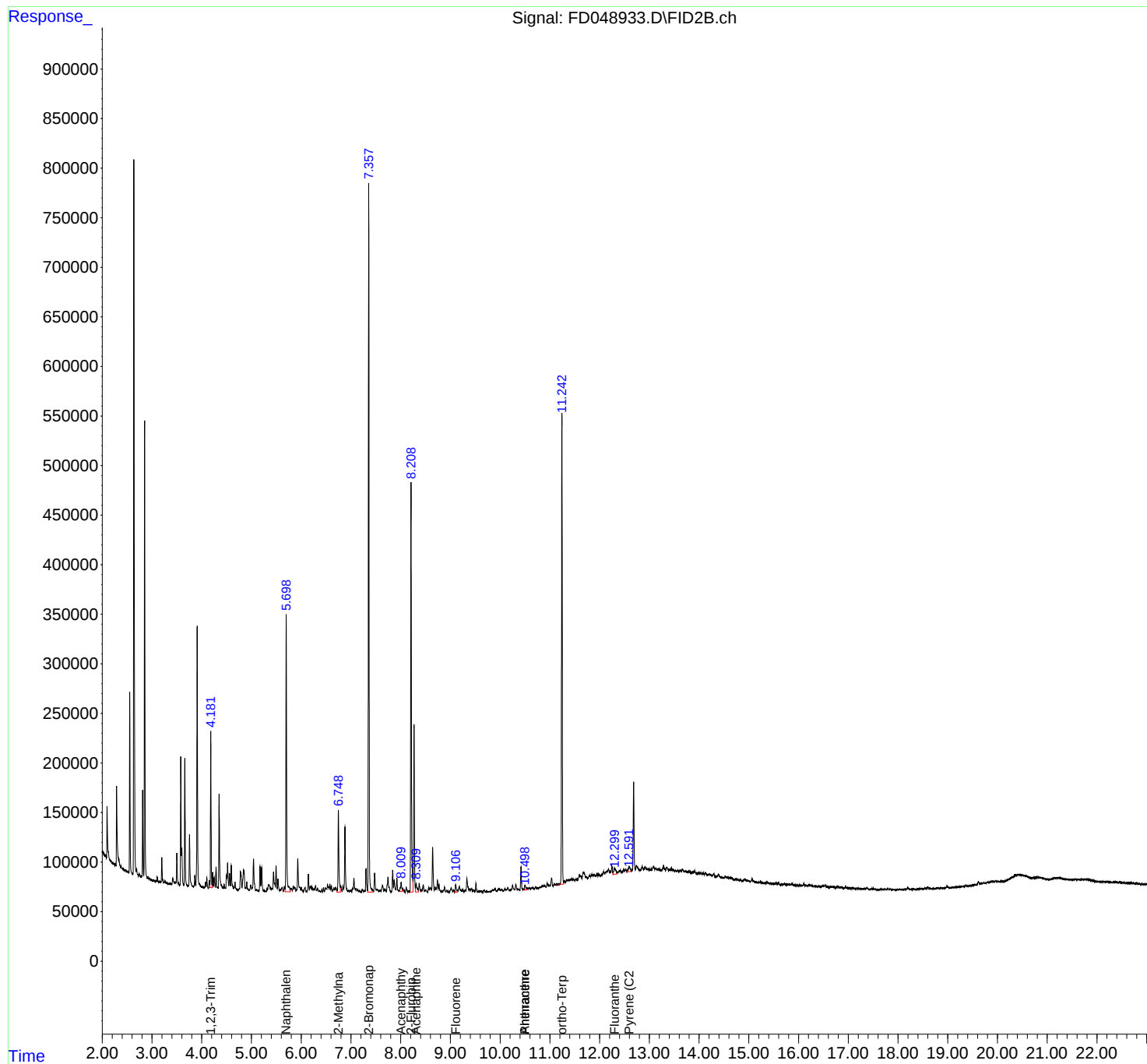
(m)=manual int.

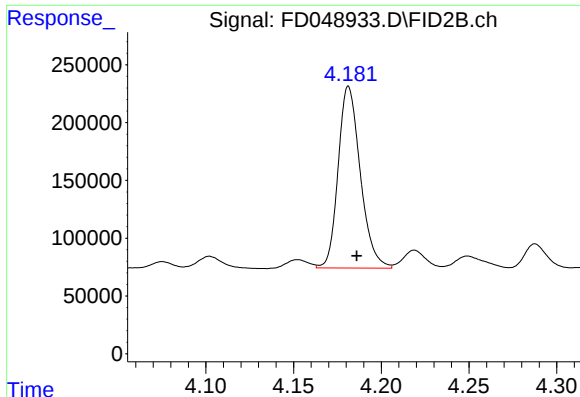
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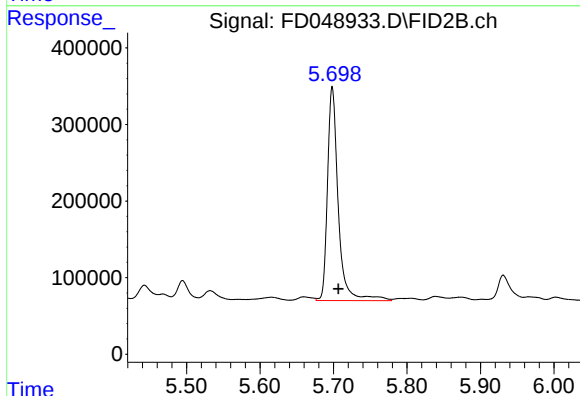




#1 1,2,3-Trimethylbenzene (C10.1)

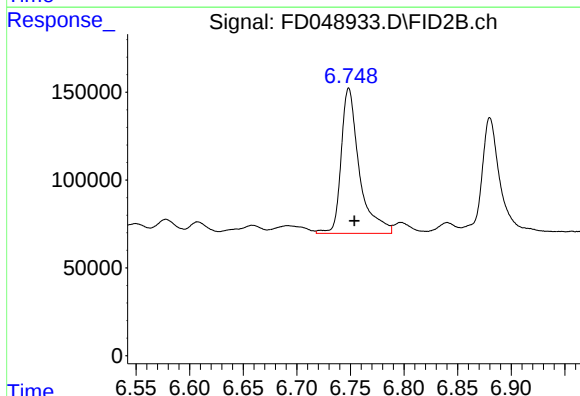
R.T.: 4.182 min
Delta R.T.: -0.004 min
Response: 1383650
Conc: 8.03 ug/ml

Instrument :
FID_D
ClientSampleId :



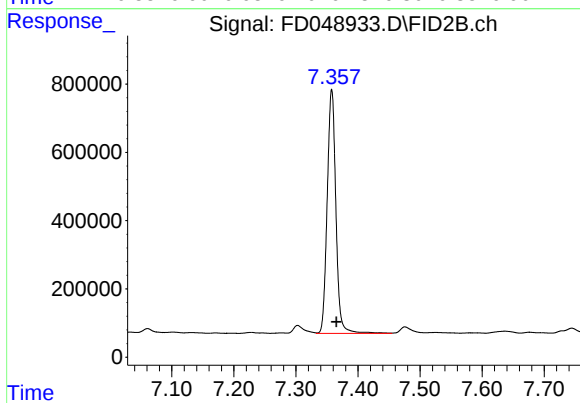
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.008 min
Response: 2845901
Conc: 15.67 ug/ml



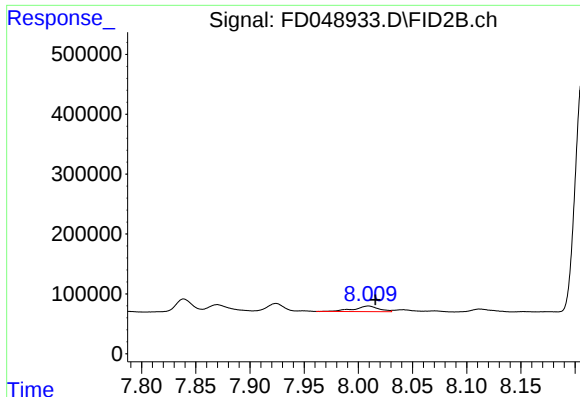
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 976829
Conc: 5.30 ug/ml



#4 2-Bromonaphthalene (SURR)

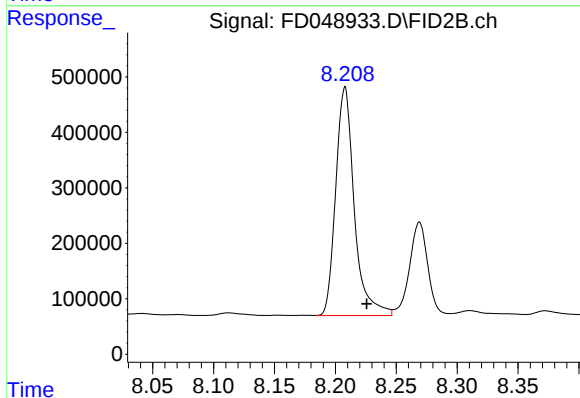
R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 6964171
Conc: 43.77 ug/ml



#5 Acenaphthylene (C15.06)

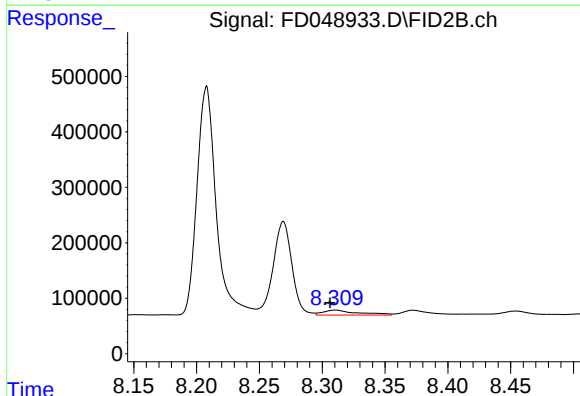
R.T.: 8.009 min
Delta R.T.: -0.007 min
Response: 149410
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



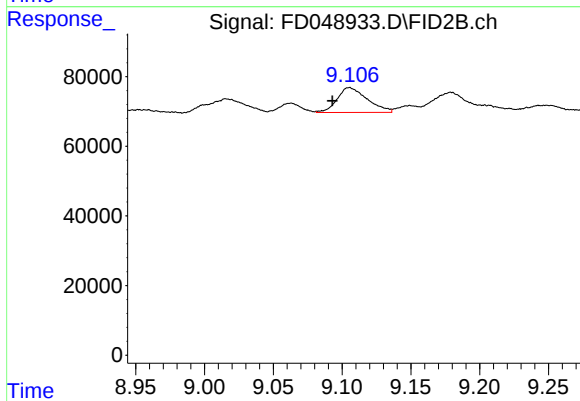
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.018 min
Response: 4371429
Conc: 44.70 ug/ml



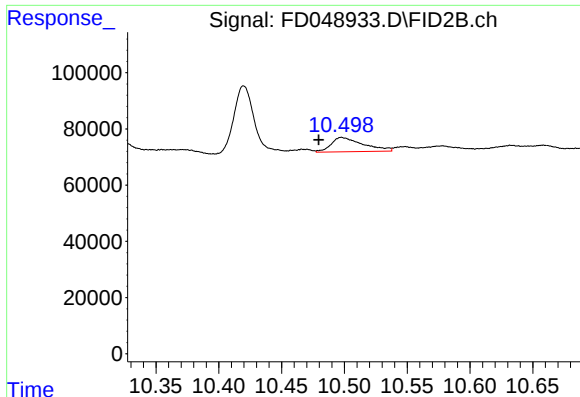
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.004 min
Response: 168255
Conc: 0.89 ug/ml



#8 Fluorene (C16.55)

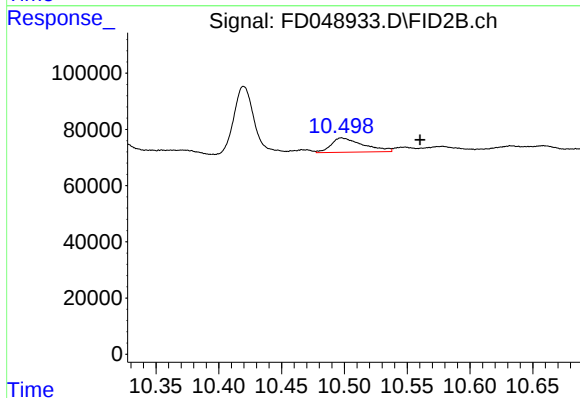
R.T.: 9.106 min
Delta R.T.: 0.013 min
Response: 108368
Conc: 0.61 ug/ml



#9 Phenanthrene (C19.36)

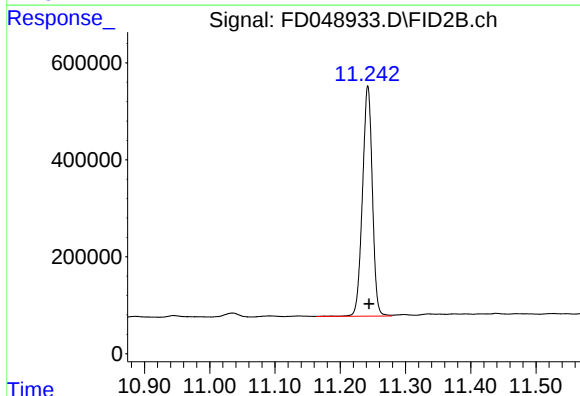
R.T.: 10.499 min
Delta R.T.: 0.019 min
Response: 90852
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



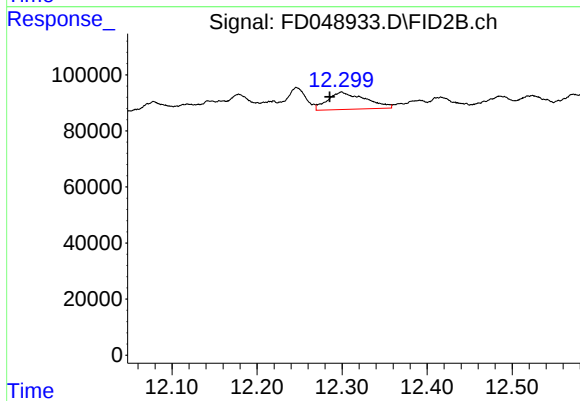
#10 Anthracene (C19.43)

R.T.: 10.499 min
Delta R.T.: -0.062 min
Response: 90852
Conc: 0.54 ug/ml



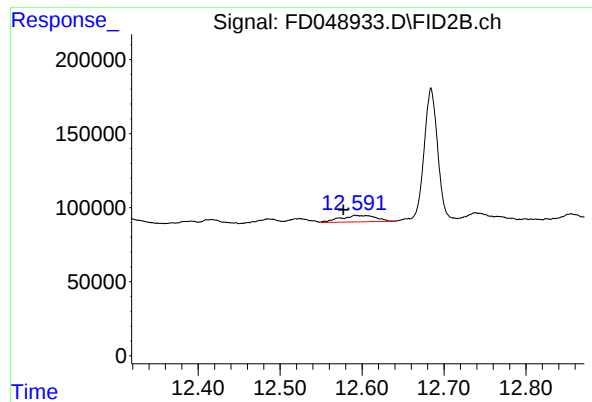
#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 4997443
Conc: 27.23 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.300 min
Delta R.T.: 0.014 min
Response: 188890
Conc: 1.05 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: 0.027 min
Response: 129924
Conc: 0.72 ug/ml

Instrument :

FID_D

ClientSampleId :