

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048902.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 13:21
 Operator : YP/AJ
 Sample : P5299-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 21 04:04:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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	8669207	51.469 ug/ml
Spiked Amount 50.000		Recovery =	102.94%
6) S 2-Fluorobiphenyl (SURR)	8.210	5590089	54.111 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.22%
11) S ortho-Terphenyl (SURR)	11.245	5860548	32.987 ug/ml
Spiked Amount 50.000		Recovery =	65.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	27180	0.144 ug/ml
2) T Naphthalene (C11.7)	5.768f	46970	0.246 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	57916	0.313 ug/ml
5) T Acenaphthylene (C15.06)	8.073f	57454	0.308 ug/ml
7) T Acenaphthene (C15.5)	8.375f	18911	0.102 ug/ml
12) T Fluoranthene (C21.85)	12.249	30134	0.184 ug/ml
15) T Chrysene (C27.41)	14.536	29294	0.181 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	89312	0.838 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	61350	0.423 ug/ml

(f)=RT Delta > 1/2 Window

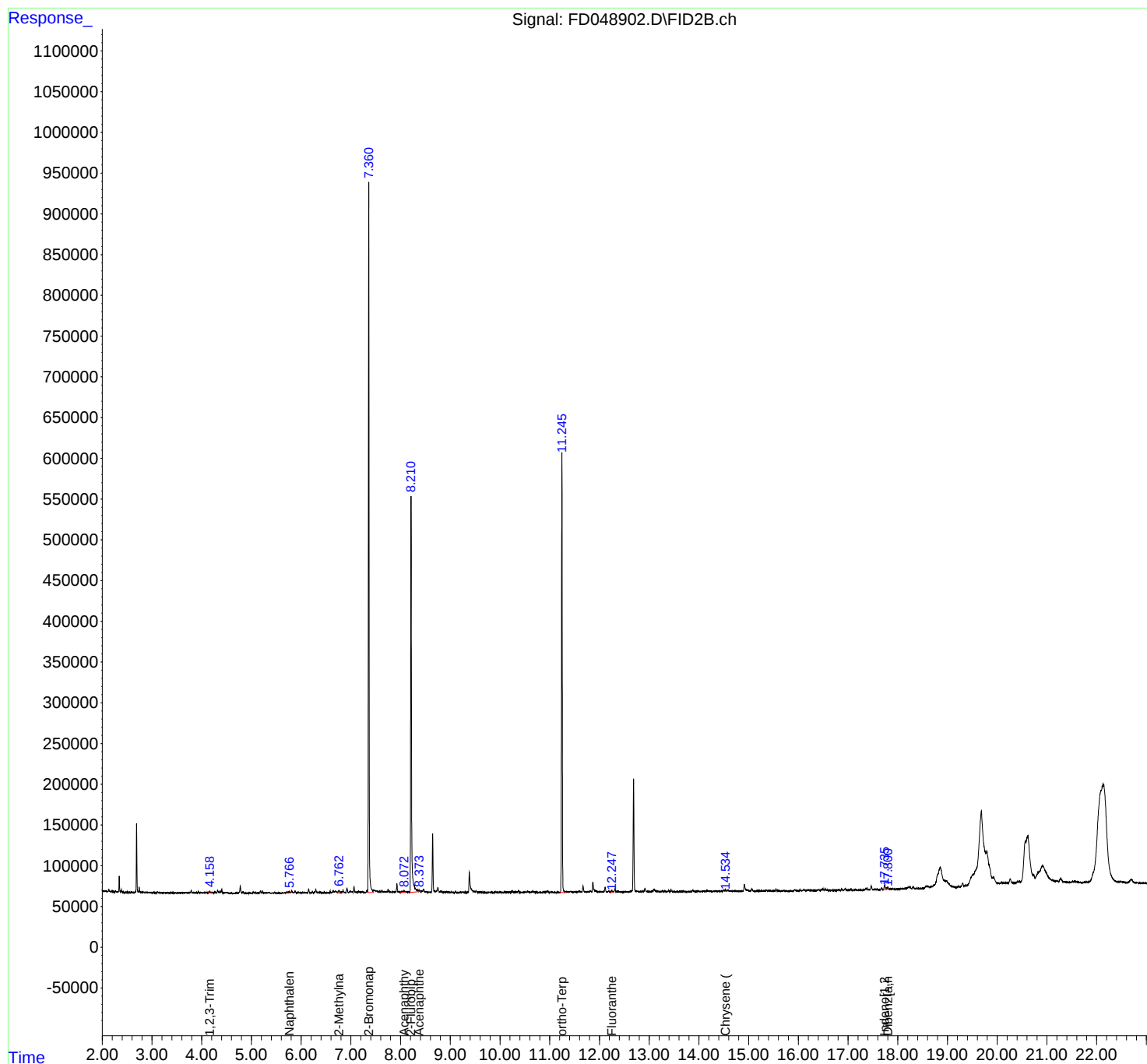
(m)=manual int.

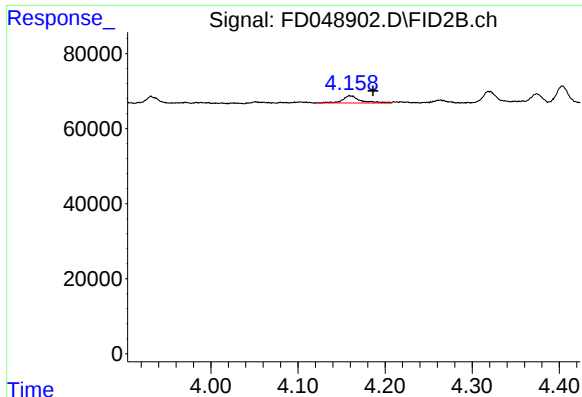
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Signal Info : 20M x 0.18mm x 0.18µm

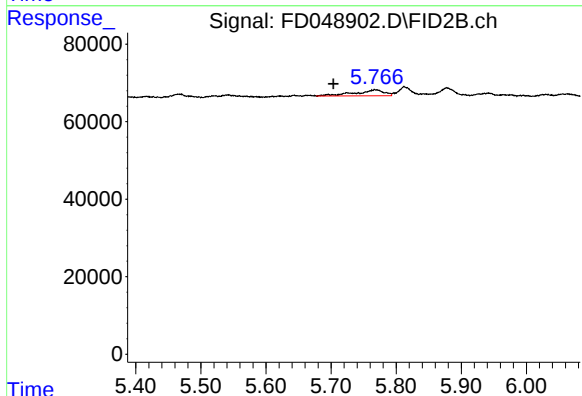




#1 1,2,3-Trimethylbenzene (C10.1)

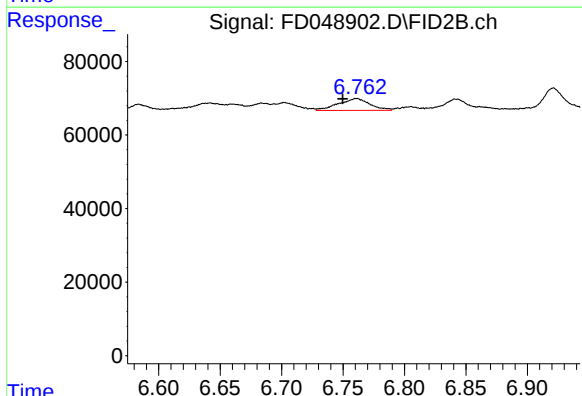
R.T.: 4.160 min
Delta R.T.: -0.026 min
Response: 27180
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



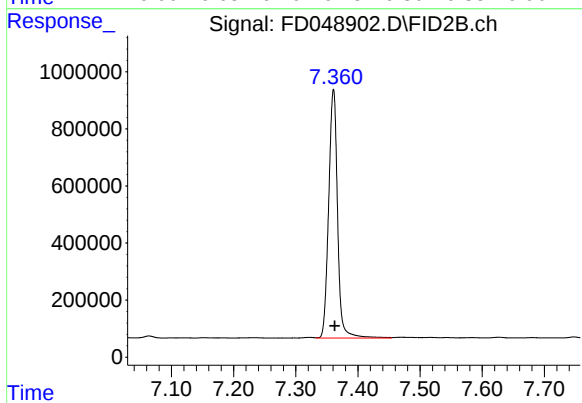
#2 Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: 0.065 min
Response: 46970
Conc: 0.25 ug/ml



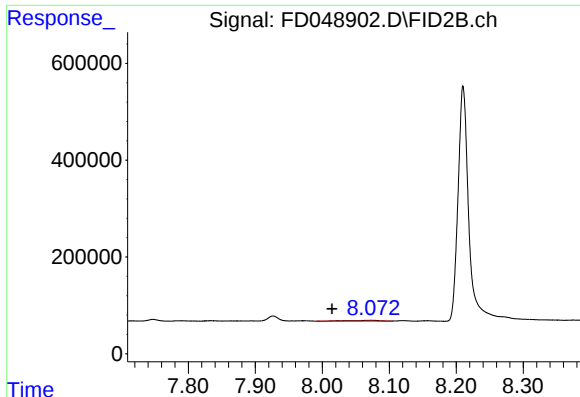
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.011 min
Response: 57916
Conc: 0.31 ug/ml



#4 2-Bromonaphthalene (SURR)

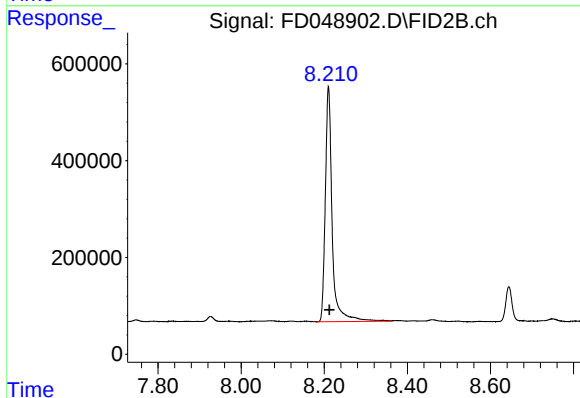
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8669207
Conc: 51.47 ug/ml



#5 Acenaphthylene (C15.06)

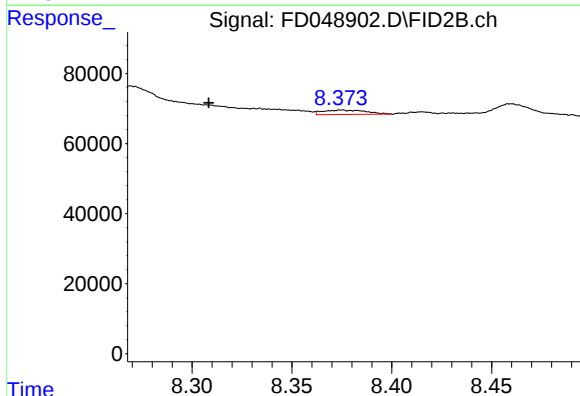
R.T.: 8.073 min
Delta R.T.: 0.058 min
Response: 57454
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



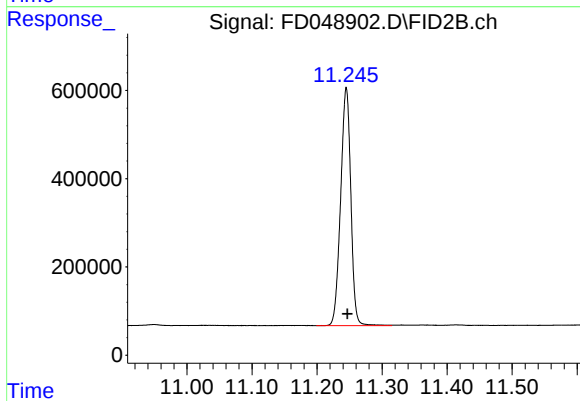
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 5590089
Conc: 54.11 ug/ml



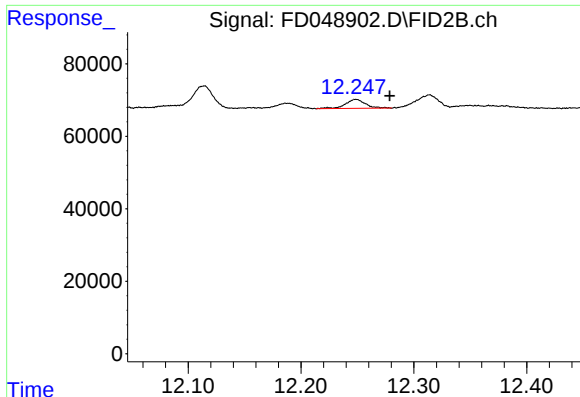
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: 0.067 min
Response: 18911
Conc: 0.10 ug/ml



#11 ortho-Terphenyl (SURR)

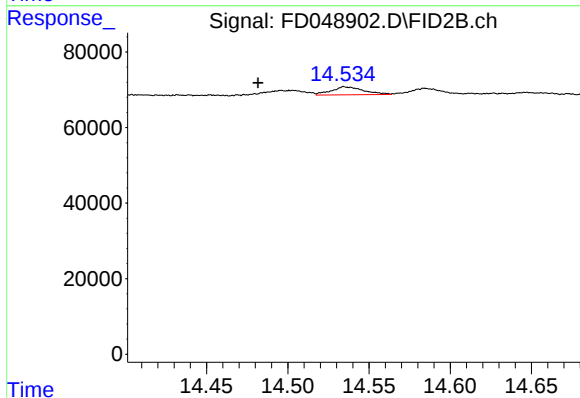
R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 5860548
Conc: 32.99 ug/ml



#12 Fluoranthene (C21.85)

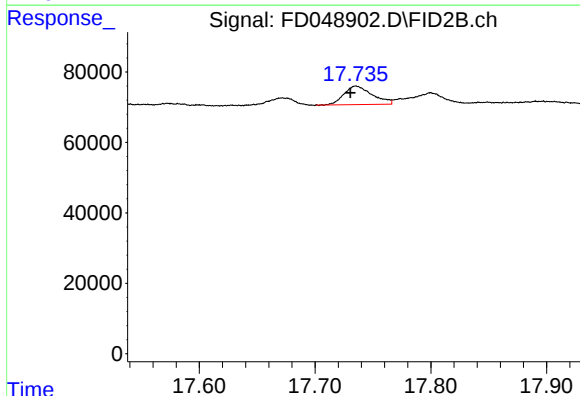
R.T.: 12.249 min
Delta R.T.: -0.030 min
Response: 30134
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



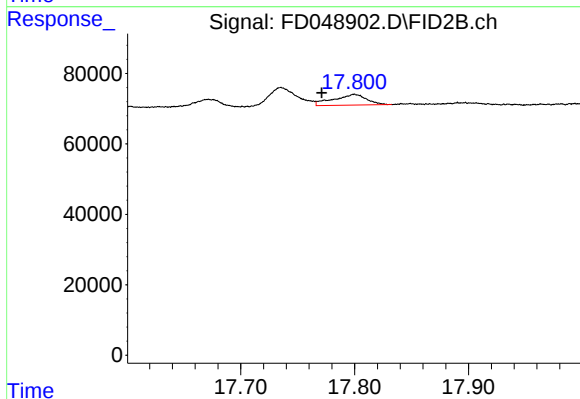
#15 Chrysene (C27.41)

R.T.: 14.536 min
Delta R.T.: 0.055 min
Response: 29294
Conc: 0.18 ug/ml



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

R.T.: 17.736 min
Delta R.T.: 0.005 min
Response: 89312
Conc: 0.84 ug/ml



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

R.T.: 17.800 min
Delta R.T.: 0.029 min
Response: 61350
Conc: 0.42 ug/ml