

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049766.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 09:52
 Operator : YP/AJ
 Sample : Q3178-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 29 00:20:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 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...	7.698	4368269	38.842 ug/ml
Spiked Amount 50.000		Recovery =	77.68%
6) S 2-Fluorobiphenyl (SURR)	8.562	2593804	32.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.63%
11) S ortho-Terphenyl (SURR)	11.611	4924114	34.804 ug/ml
Spiked Amount 50.000		Recovery =	69.61%
Target Compounds			
9) T Phenanthrene (C19.36)	10.840	117183	0.841 ug/ml
12) T Fluoranthene (C21.85)	12.652	178752	1.327 ug/ml
13) T Pyrene (C20.8)	12.950	145597	1.095 ug/ml
14) T Benzo[a]anthracene (C...	14.864	141231	1.181 ug/ml
15) T Chrysene (C27.41)	14.864	141231	1.161 ug/ml
16) T benzo[b]fluoranthene ...	16.374	162034	1.352 ug/ml
17) T Bnezo[k]fluoranthene ...	16.374	162034	1.438 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.099	402187	3.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	205425	1.803 ug/ml

(f)=RT Delta > 1/2 Window

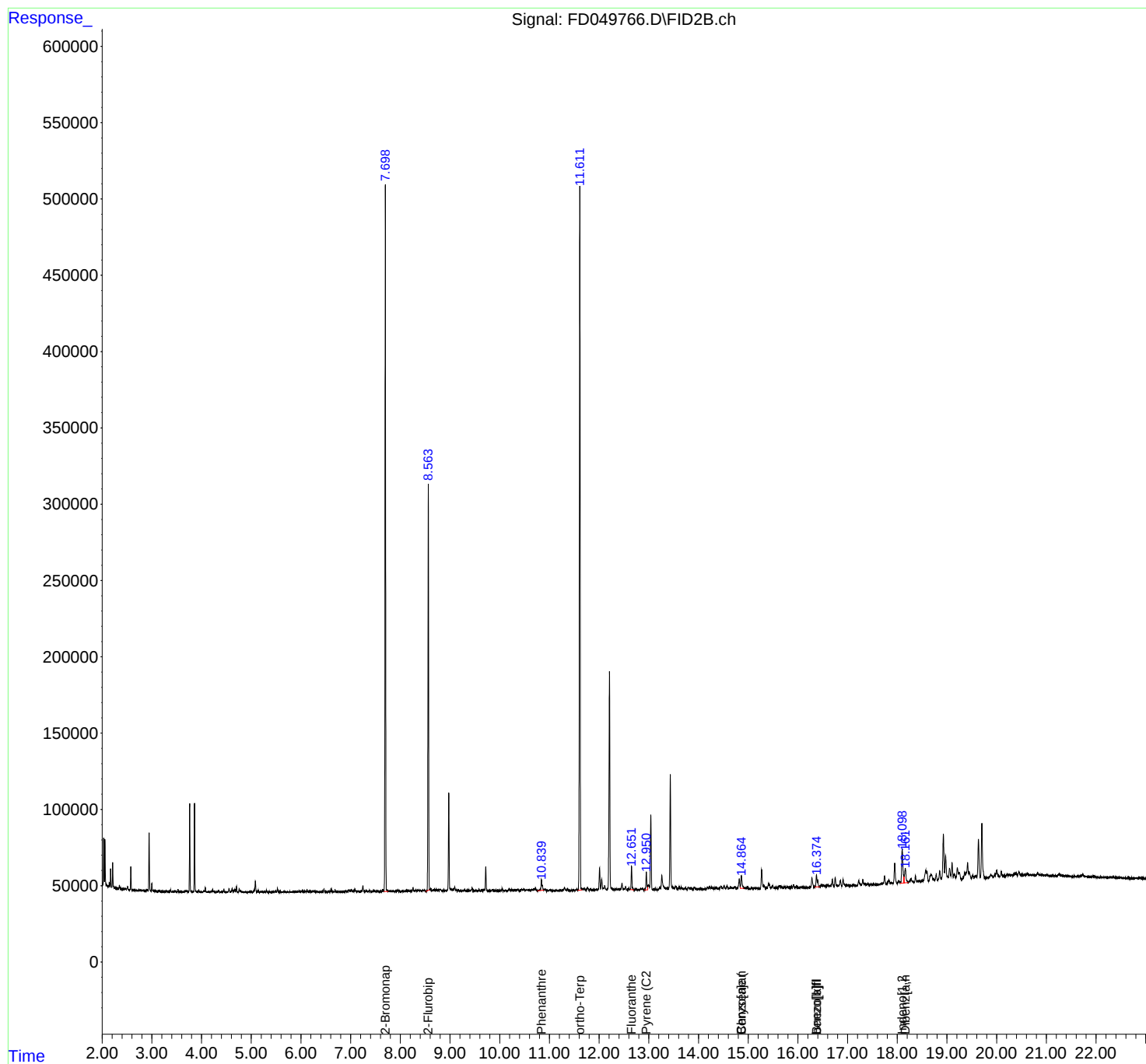
(m)=manual int.

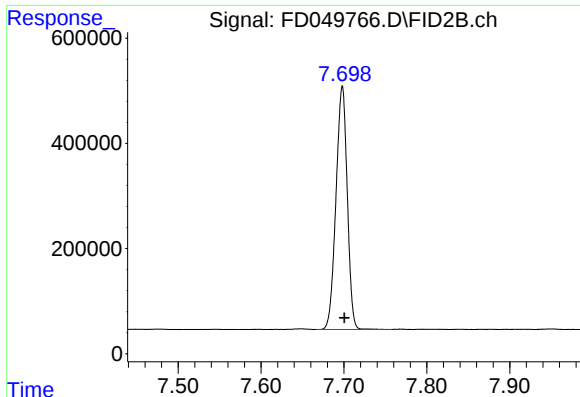
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Signal Info : 20M x 0.18mm x 0.18µm

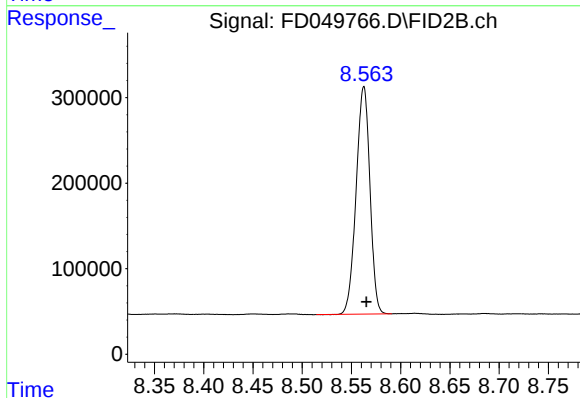




#4 2-Bromonaphthalene (SURRE)

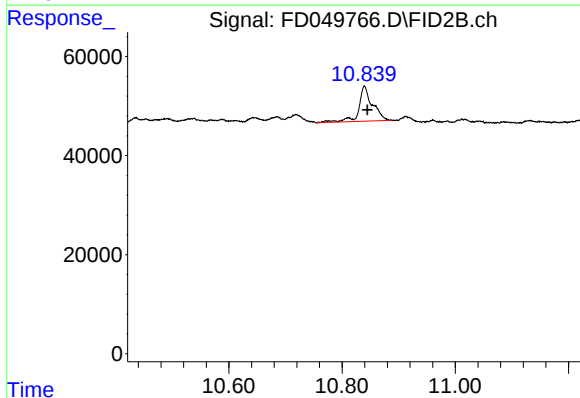
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 4368269
Conc: 38.84 ug/ml

Instrument :
FID_D
ClientSampleId :



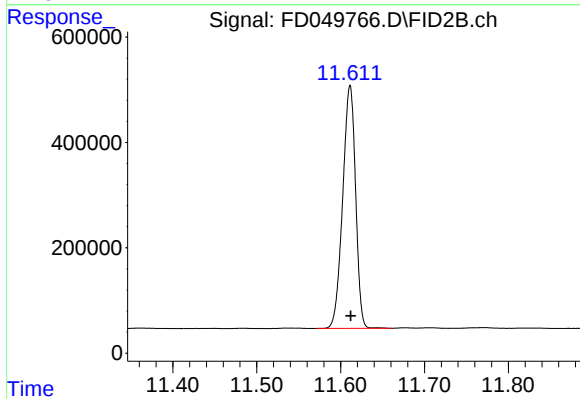
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 2593804
Conc: 32.31 ug/ml



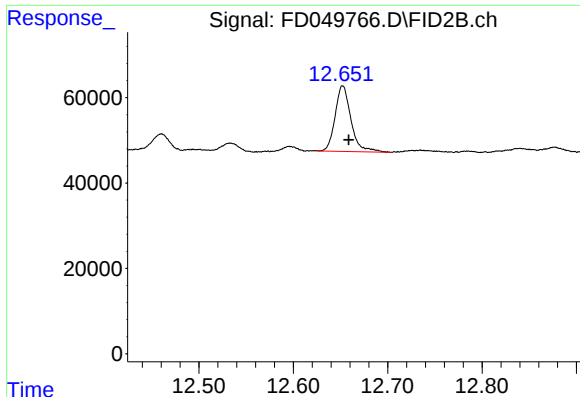
#9 Phenanthrene (C19.36)

R.T.: 10.840 min
Delta R.T.: -0.005 min
Response: 117183
Conc: 0.84 ug/ml



#11 ortho-Terphenyl (SURRE)

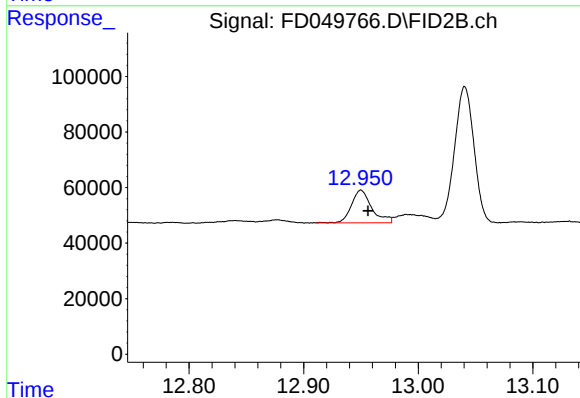
R.T.: 11.611 min
Delta R.T.: -0.001 min
Response: 4924114
Conc: 34.80 ug/ml



#12 Fluoranthene (C21.85)

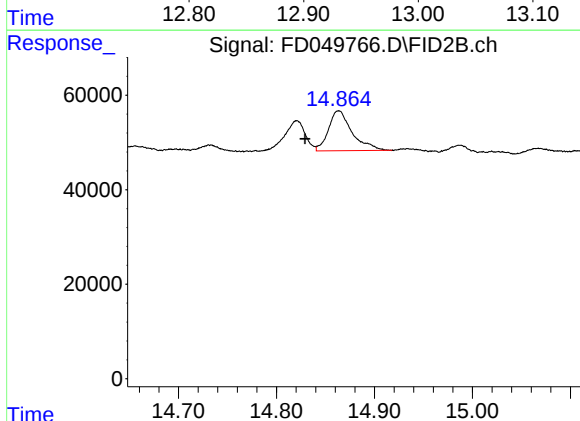
R.T.: 12.652 min
Delta R.T.: -0.006 min
Response: 178752
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



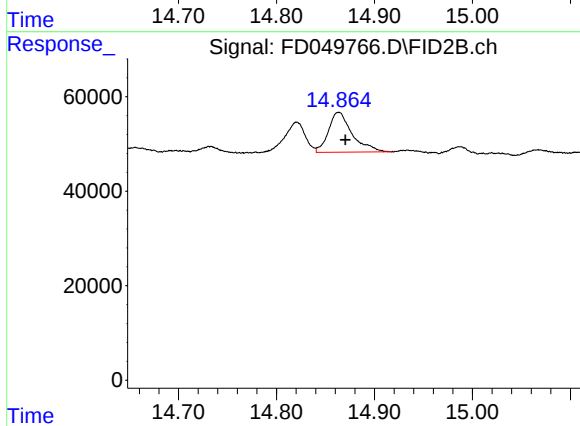
#13 Pyrene (C20.8)

R.T.: 12.950 min
Delta R.T.: -0.006 min
Response: 145597
Conc: 1.09 ug/ml



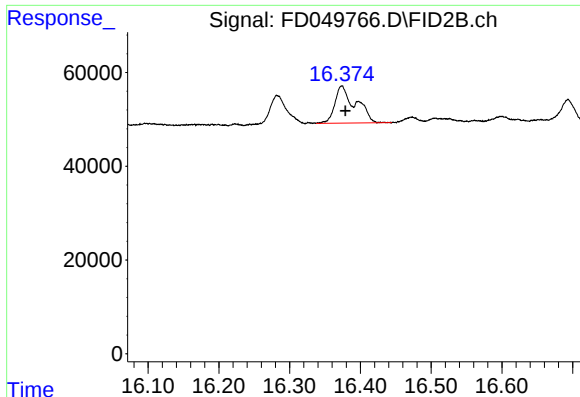
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.035 min
Response: 141231
Conc: 1.18 ug/ml



#15 Chrysene (C27.41)

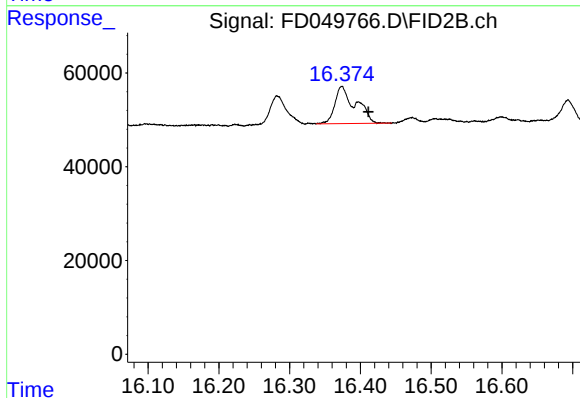
R.T.: 14.864 min
Delta R.T.: -0.007 min
Response: 141231
Conc: 1.16 ug/ml



#16 benzo[b]fluoranthene (C30.41)

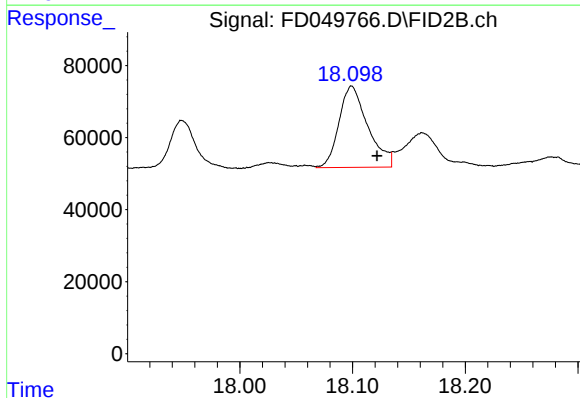
R.T.: 16.374 min
Delta R.T.: -0.005 min
Response: 162034
Conc: 1.35 ug/ml

Instrument :
FID_D
ClientSampleId :



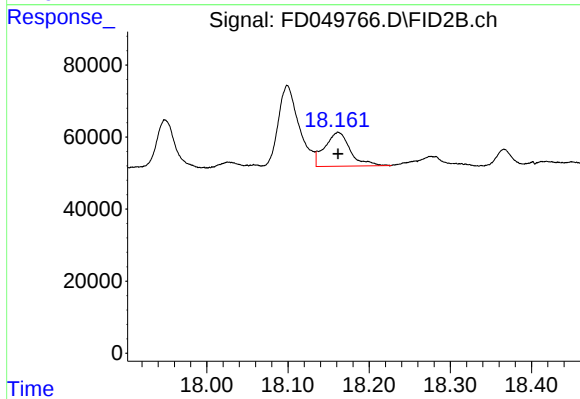
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.374 min
Delta R.T.: -0.038 min
Response: 162034
Conc: 1.44 ug/ml



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

R.T.: 18.099 min
Delta R.T.: -0.023 min
Response: 402187
Conc: 3.70 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.000 min
Response: 205425
Conc: 1.80 ug/ml