

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046511.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 15:24
 Operator : YP/AJ
 Sample : 04391-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 16 00:51:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.492	9026015	51.218 ug/ml
Spiked Amount 50.000		Recovery =	102.44%
6) S 2-Fluorobiphenyl (SURR)	8.346	6102851	52.675 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.35%
11) S ortho-Terphenyl (SURR)	11.386	11142552	54.693 ug/ml
Spiked Amount 50.000		Recovery =	109.39%
Target Compounds			
2) T Naphthalene (C11.7)	5.831	19311	0.100 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	40624	0.210 ug/ml
10) T Anthracene (C19.43)	10.742	69003	0.449 ug/ml
12) T Fluoranthene (C21.85)	12.375	28653	0.168 ug/ml
14) T Benzo[a]anthracene (C...	14.628	10592	0.076 ug/ml
15) T Chrysene (C27.41)	14.628	10592	0.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913f	83329	0.665 ug/ml
20) T Dibenz[a,h]anthracene...	17.913	83329	0.626 ug/ml

(f)=RT Delta > 1/2 Window

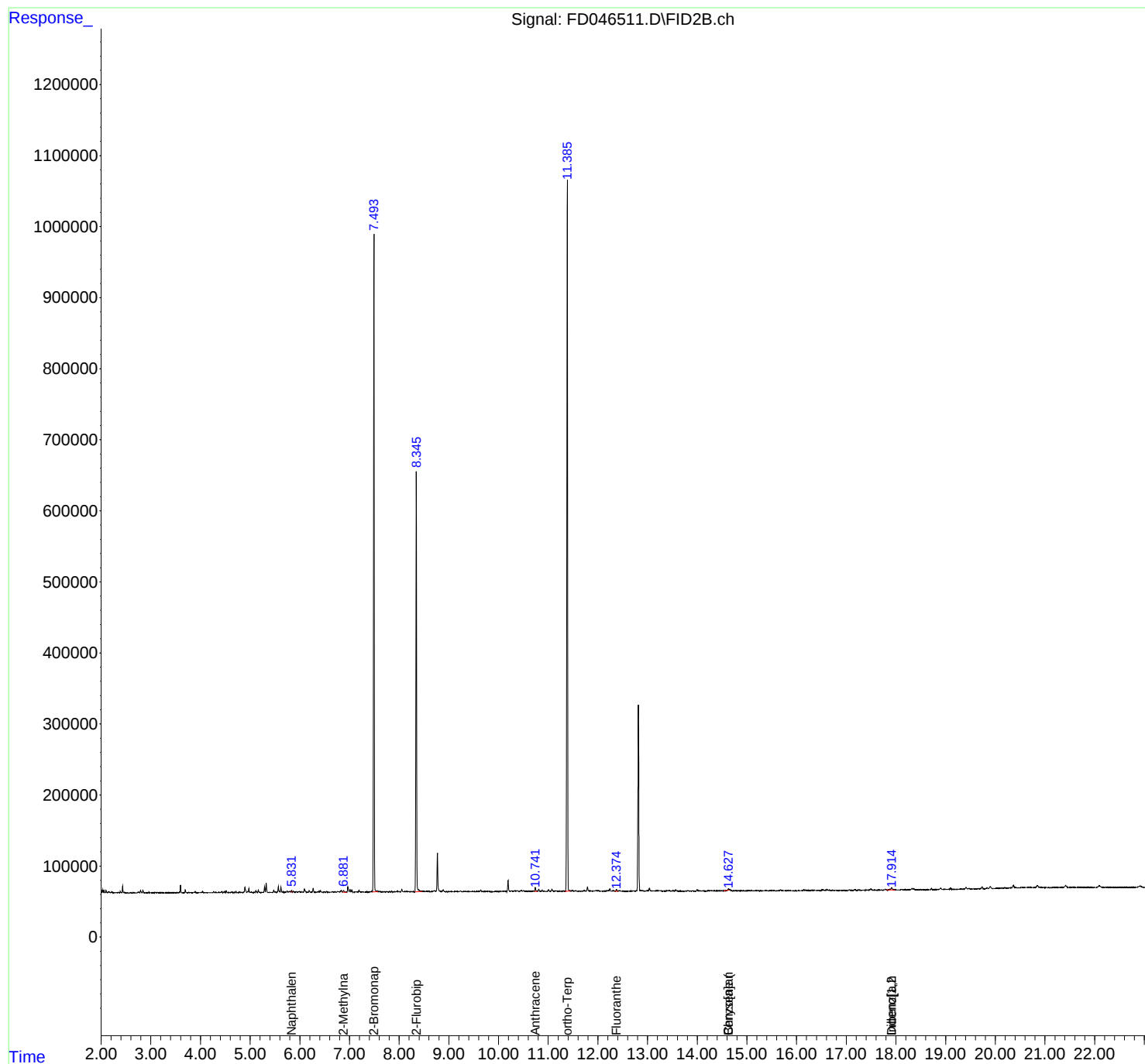
(m)=manual int.

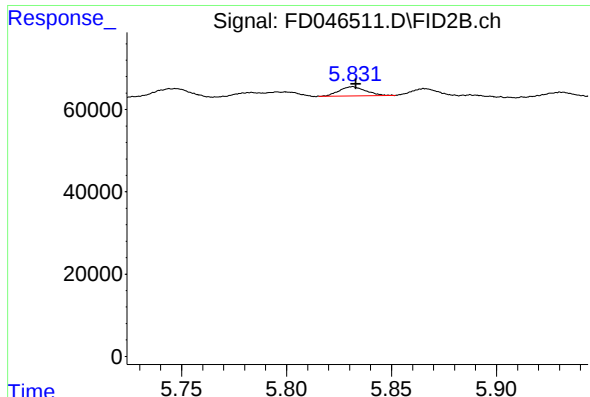
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

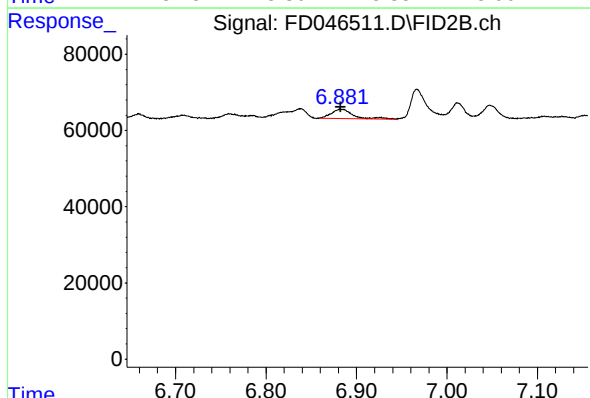




#2 Naphthalene (C11.7)

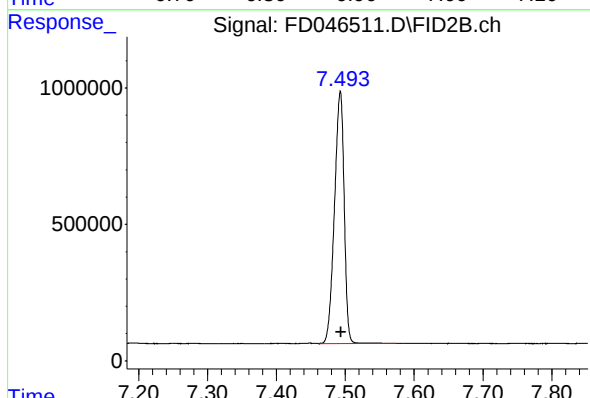
R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 19311
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



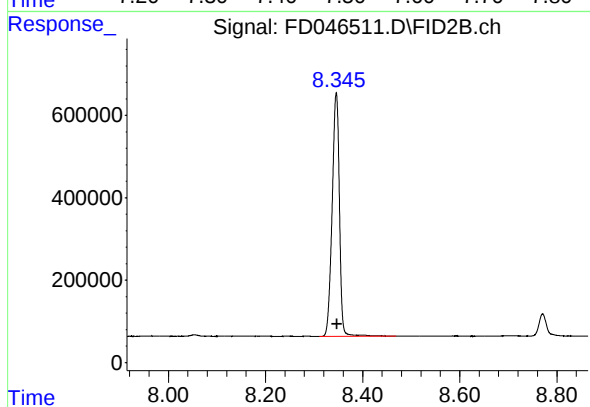
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.883 min
Delta R.T.: 0.001 min
Response: 40624
Conc: 0.21 ug/ml



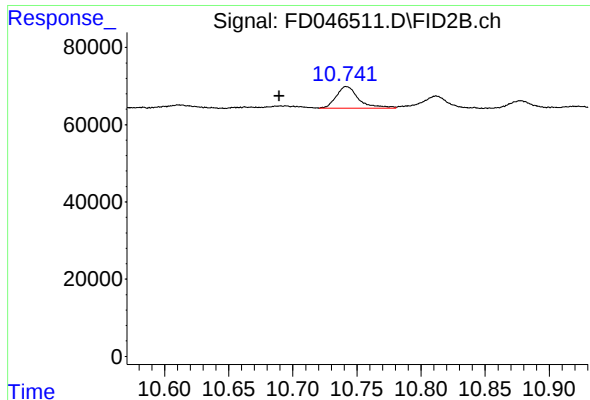
#4 2-Bromonaphthalene (SURR)

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 9026015
Conc: 51.22 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 6102851
Conc: 52.67 ug/ml



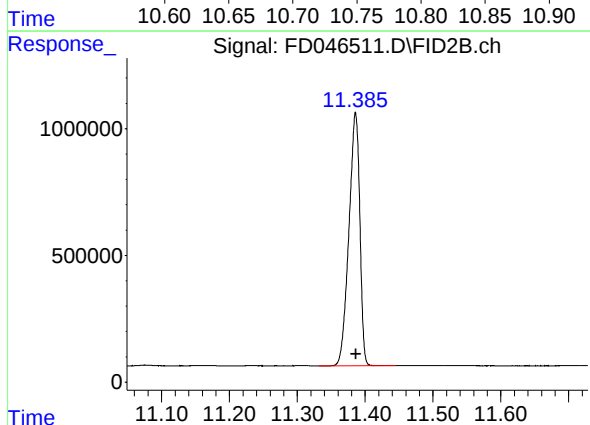
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.053 min
Response: 69003
Conc: 0.45 ug/ml

Instrument :

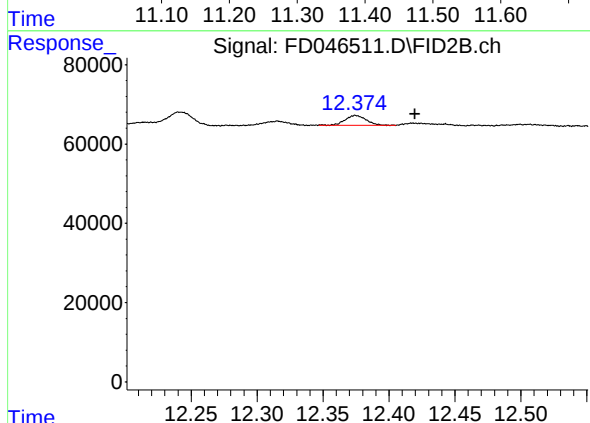
FID_D

ClientSampleId :



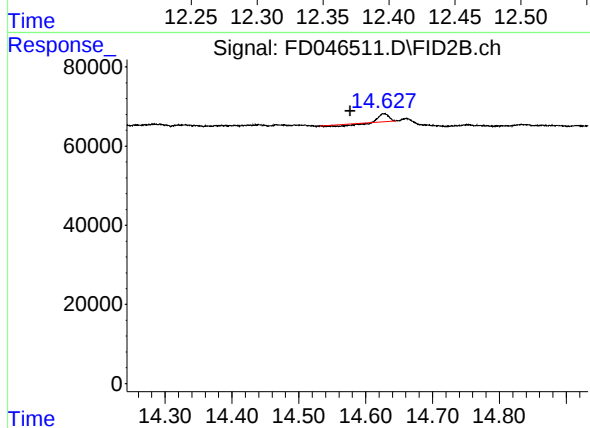
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 11142552
Conc: 54.69 ug/ml



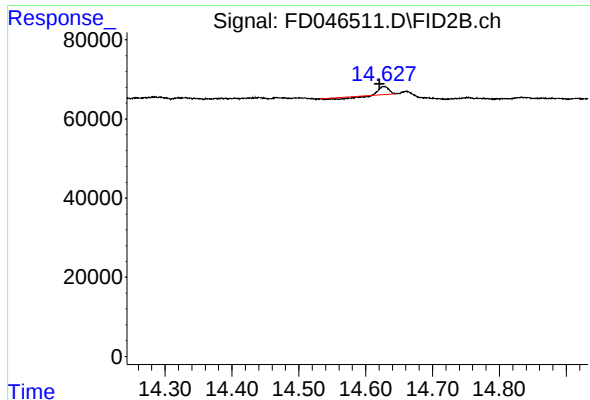
#12 Fluoranthene (C21.85)

R.T.: 12.375 min
Delta R.T.: -0.045 min
Response: 28653
Conc: 0.17 ug/ml



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

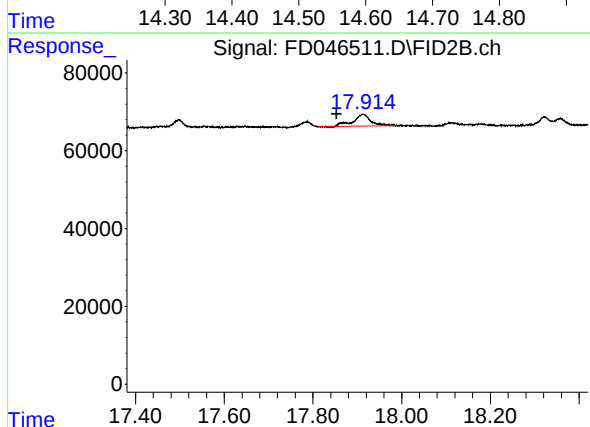
R.T.: 14.628 min
Delta R.T.: 0.051 min
Response: 10592
Conc: 0.08 ug/ml



#15 Chrysene (C27.41)

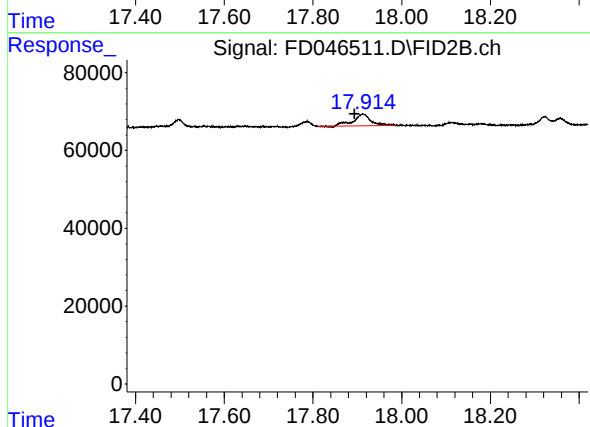
R.T.: 14.628 min
Delta R.T.: 0.007 min
Response: 10592
Conc: 0.07 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.913 min
Delta R.T.: 0.060 min
Response: 83329
Conc: 0.66 ug/ml



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

R.T.: 17.913 min
Delta R.T.: 0.019 min
Response: 83329
Conc: 0.63 ug/ml