

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046876.D
 Signal(s) : FID2B.ch
 Acq On : 09 Nov 2023 18:51
 Operator : YP/AJ
 Sample : 05393-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 22:32:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.484	8915416	48.885 ug/ml
Spiked Amount 50.000		Recovery =	97.77%
6) S 2-Fluorobiphenyl (SURR)	8.335	4460565	37.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.81%
11) S ortho-Terphenyl (SURR)	11.376	11188601	52.837 ug/ml
Spiked Amount 50.000		Recovery =	105.67%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	124337	0.619 ug/ml
7) T Acenaphthene (C15.5)	8.392	40298	0.206 ug/ml
9) T Phenanthrene (C19.36)	10.583	94087	0.529 ug/ml
14) T Benzo[a]anthracene (C...	14.617	61608	0.438 ug/ml
15) T Chrysene (C27.41)	14.617	61608	0.395 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	199503	1.579 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	75189	0.538 ug/ml

(f)=RT Delta > 1/2 Window

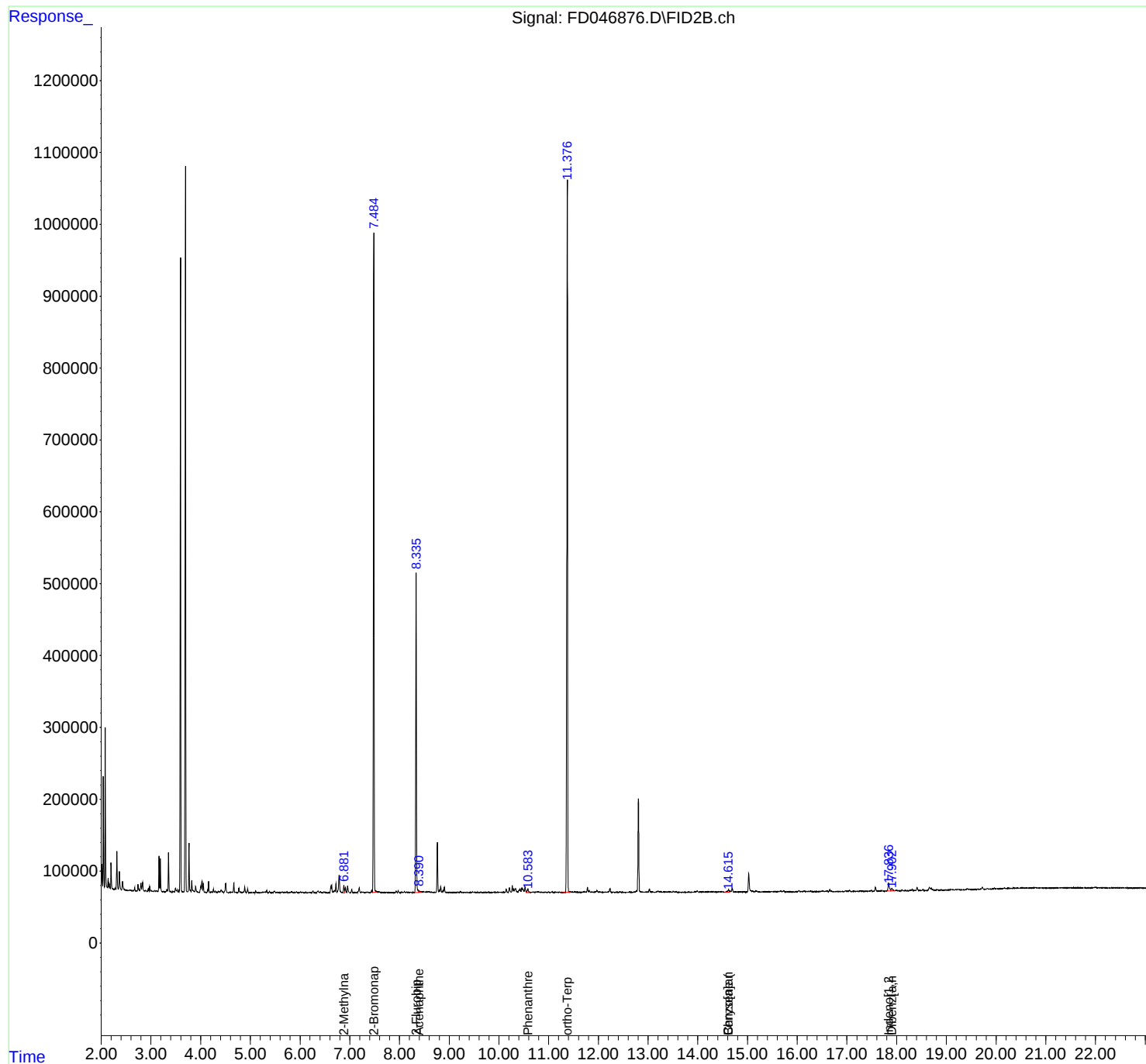
(m)=manual int.

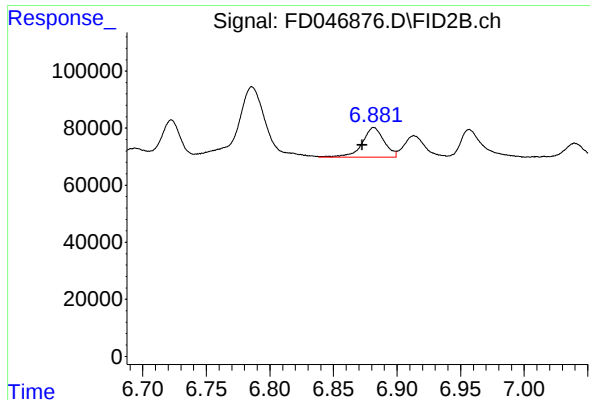
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

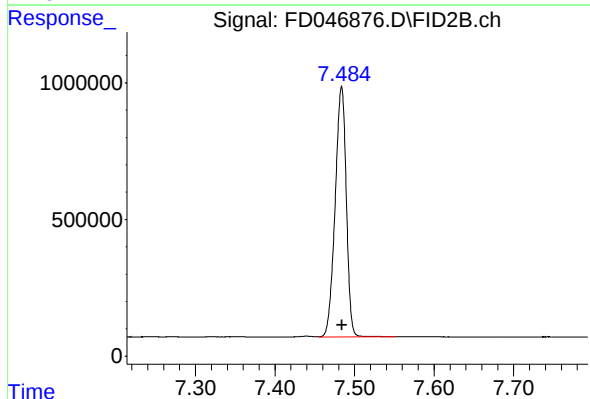




#3 2-Methylnaphthalene (C12.89)

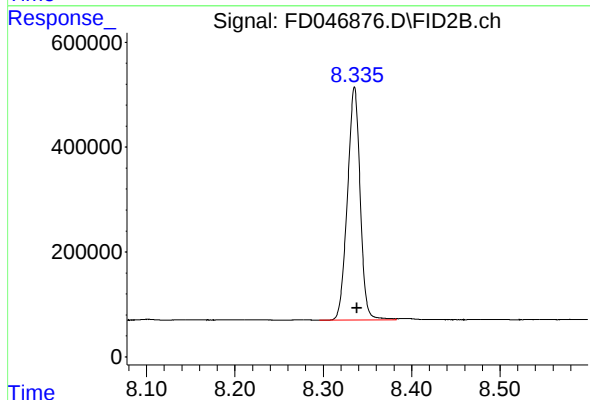
R.T.: 6.882 min
Delta R.T.: 0.009 min
Response: 124337
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



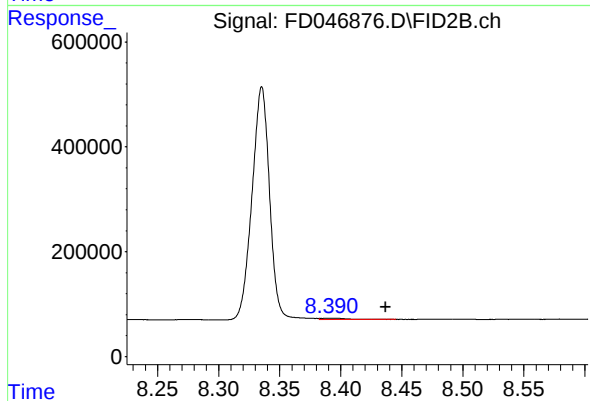
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: -0.001 min
Response: 8915416
Conc: 48.89 ug/ml



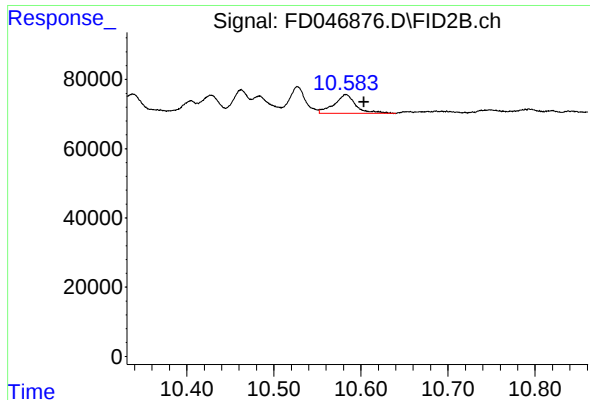
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 4460565
Conc: 37.90 ug/ml



#7 Acenaphthene (C15.5)

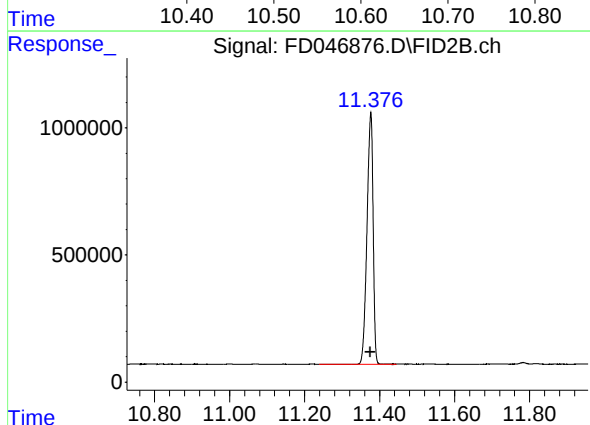
R.T.: 8.392 min
Delta R.T.: -0.044 min
Response: 40298
Conc: 0.21 ug/ml



#9 Phenanthrene (C19.36)

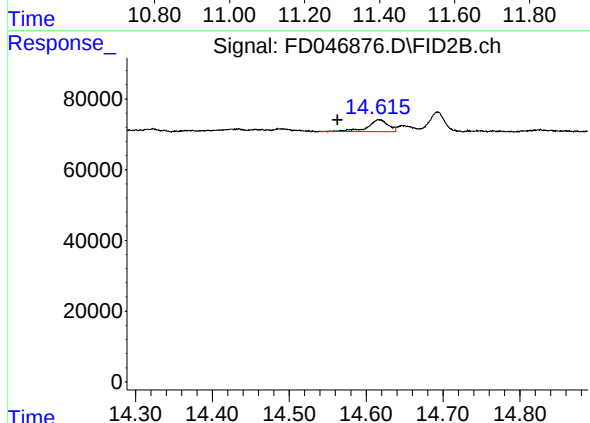
R.T.: 10.583 min
Delta R.T.: -0.021 min
Response: 94087
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



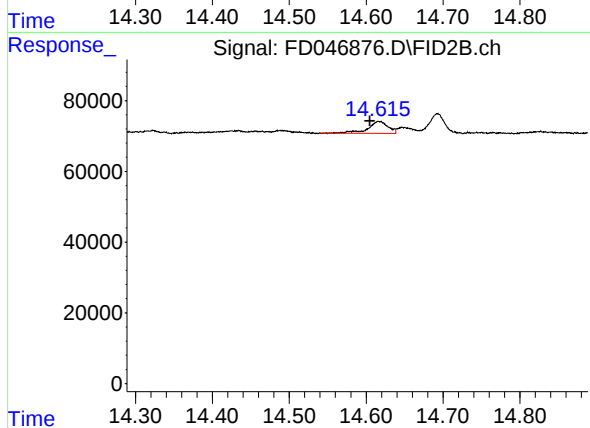
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 11188601
Conc: 52.84 ug/ml



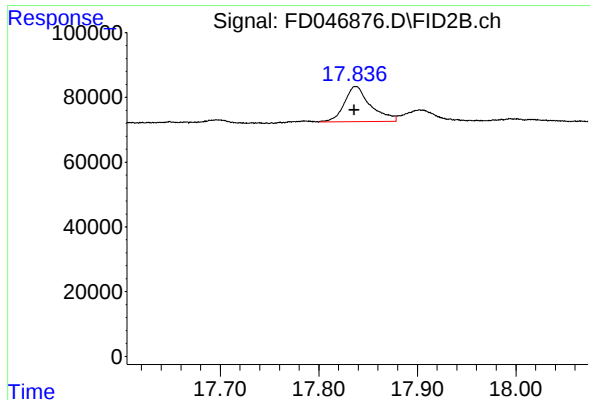
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.617 min
Delta R.T.: 0.054 min
Response: 61608
Conc: 0.44 ug/ml



#15 Chrysene (C27.41)

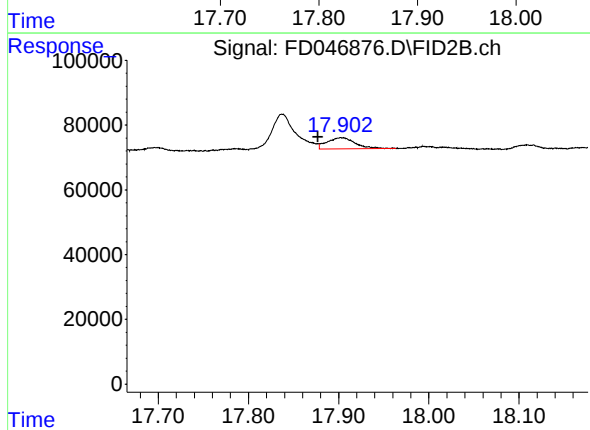
R.T.: 14.617 min
Delta R.T.: 0.012 min
Response: 61608
Conc: 0.40 ug/ml



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

R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 199503
Conc: 1.58 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.903 min
Delta R.T.: 0.026 min
Response: 75189
Conc: 0.54 ug/ml