

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046855.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 03:31
 Operator : YP/AJ
 Sample : 05251-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:59:08 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...	7.485	8385725	45.981 ug/ml
Spiked Amount 50.000		Recovery =	91.96%
6) S 2-Fluorobiphenyl (SURR)	8.335	3711963	31.542 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.08%
11) S ortho-Terphenyl (SURR)	11.377	10047175	47.447 ug/ml
Spiked Amount 50.000		Recovery =	94.89%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.881	113043	0.562 ug/ml
7) T Acenaphthene (C15.5)	8.394	52954	0.270 ug/ml
8) T Fluorene (C16.55)	9.226	54478	0.295 ug/ml
14) T Benzo[a]anthracene (C...	14.617	80901	0.575 ug/ml
15) T Chrysene (C27.41)	14.617	80901	0.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	364256	2.883 ug/ml
20) T Dibenz[a,h]anthracene...	17.907	60516	0.433 ug/ml

(f)=RT Delta > 1/2 Window

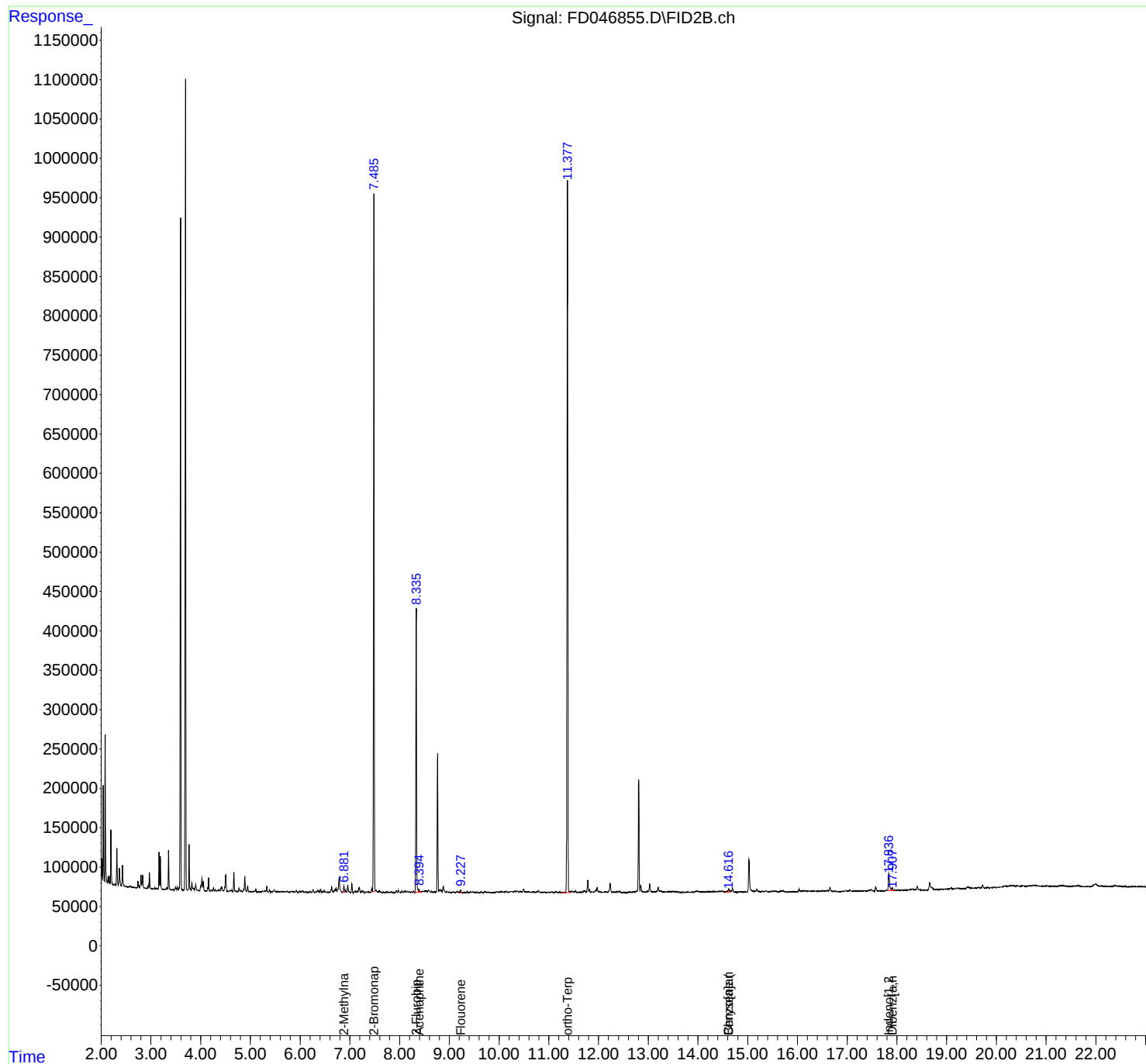
(m)=manual int.

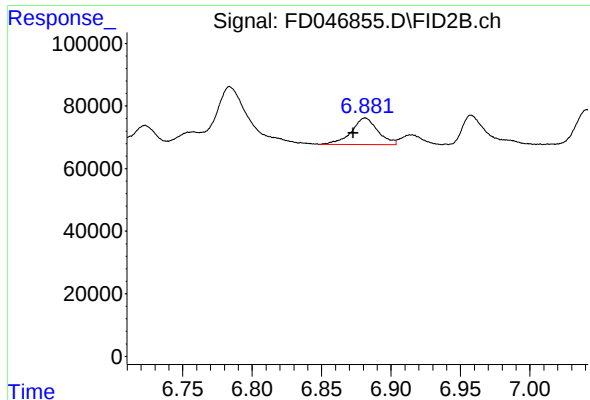
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Signal Info : 20M x 0.18mm x 0.18µm

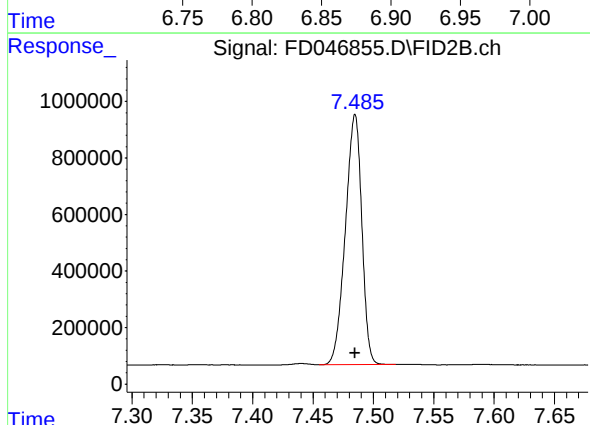




#3 2-Methylnaphthalene (C12.89)

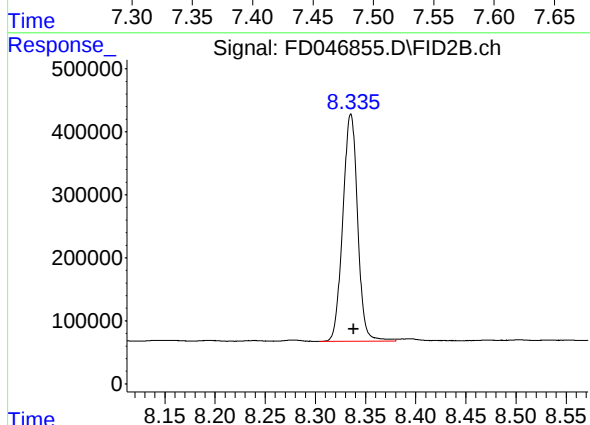
R.T.: 6.881 min
Delta R.T.: 0.009 min
Response: 113043
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



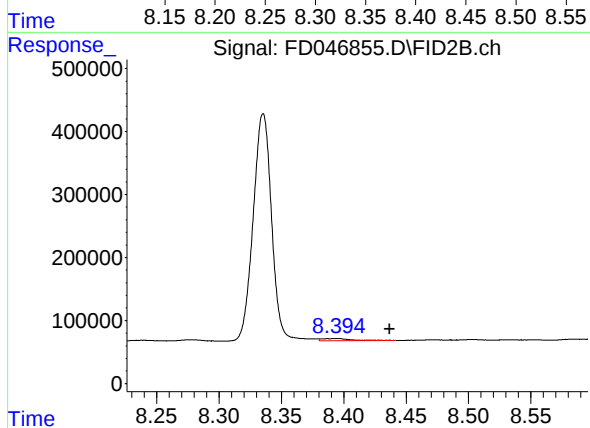
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 8385725
Conc: 45.98 ug/ml



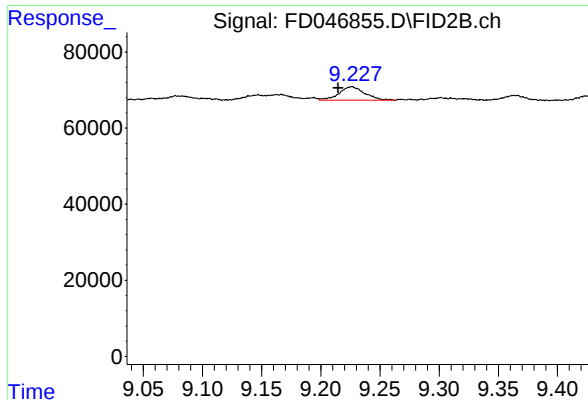
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 3711963
Conc: 31.54 ug/ml



#7 Acenaphthene (C15.5)

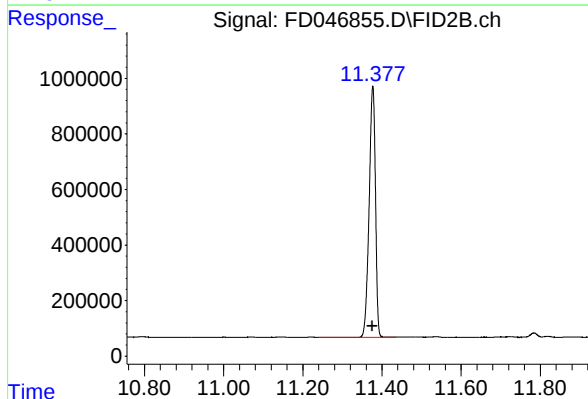
R.T.: 8.394 min
Delta R.T.: -0.043 min
Response: 52954
Conc: 0.27 ug/ml



#8 Flouorene (C16.55)

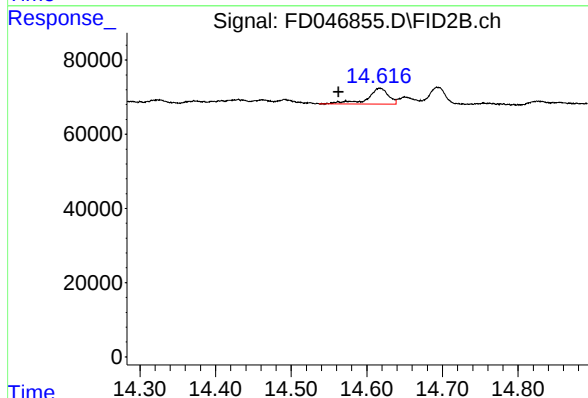
R.T.: 9.226 min
Delta R.T.: 0.011 min
Response: 54478
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



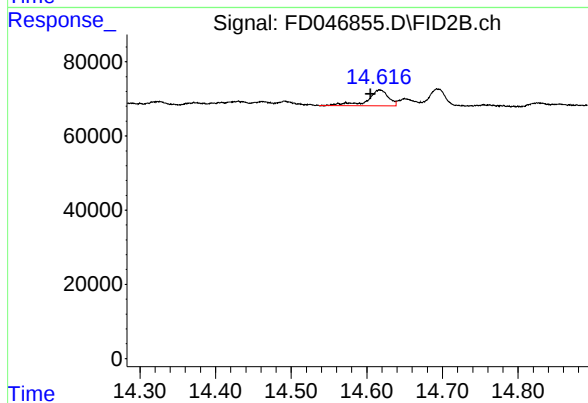
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: 0.001 min
Response: 10047175
Conc: 47.45 ug/ml



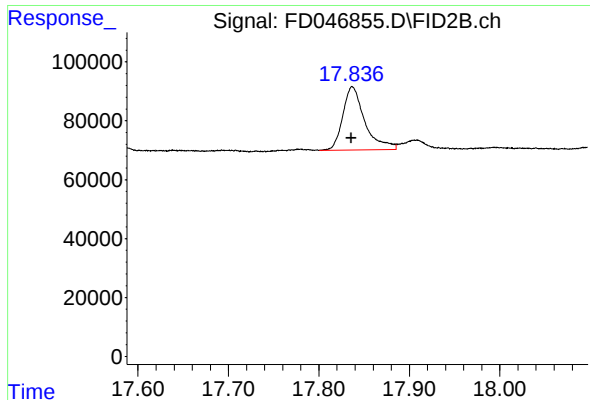
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.617 min
Delta R.T.: 0.054 min
Response: 80901
Conc: 0.58 ug/ml



#15 Chrysene (C27.41)

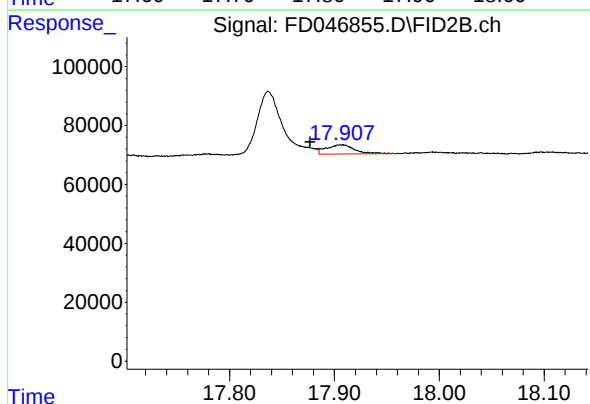
R.T.: 14.617 min
Delta R.T.: 0.012 min
Response: 80901
Conc: 0.52 ug/ml



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

R.T.: 17.837 min
Delta R.T.: 0.001 min
Response: 364256
Conc: 2.88 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.907 min
Delta R.T.: 0.030 min
Response: 60516
Conc: 0.43 ug/ml