

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046889.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2023 04:10
 Operator : YP/AJ
 Sample : 05394-05
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 10 05:36:56 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	10053975	55.128 ug/ml
Spiked Amount 50.000		Recovery =	110.26%
6) S 2-Fluorobiphenyl (SURR)	8.336	5444542	46.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.53%
11) S ortho-Terphenyl (SURR)	11.375	9015478	42.575 ug/ml
Spiked Amount 50.000		Recovery =	85.15%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.880	81428	0.405 ug/ml
7) T Acenaphthene (C15.5)	8.395	175142	0.894 ug/ml
13) T Pyrene (C20.8)	12.714	28913	0.174 ug/ml
14) T Benzo[a]anthracene (C...	14.527	52432	0.373 ug/ml
15) T Chrysene (C27.41)	14.616	103734	0.665 ug/ml
16) T benzo[b]fluoranthene ...	16.146	556653	3.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	556653	3.802 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.443	277284	1.978 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.866	380391	3.011 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	380391	2.723 ug/ml

(f)=RT Delta > 1/2 Window

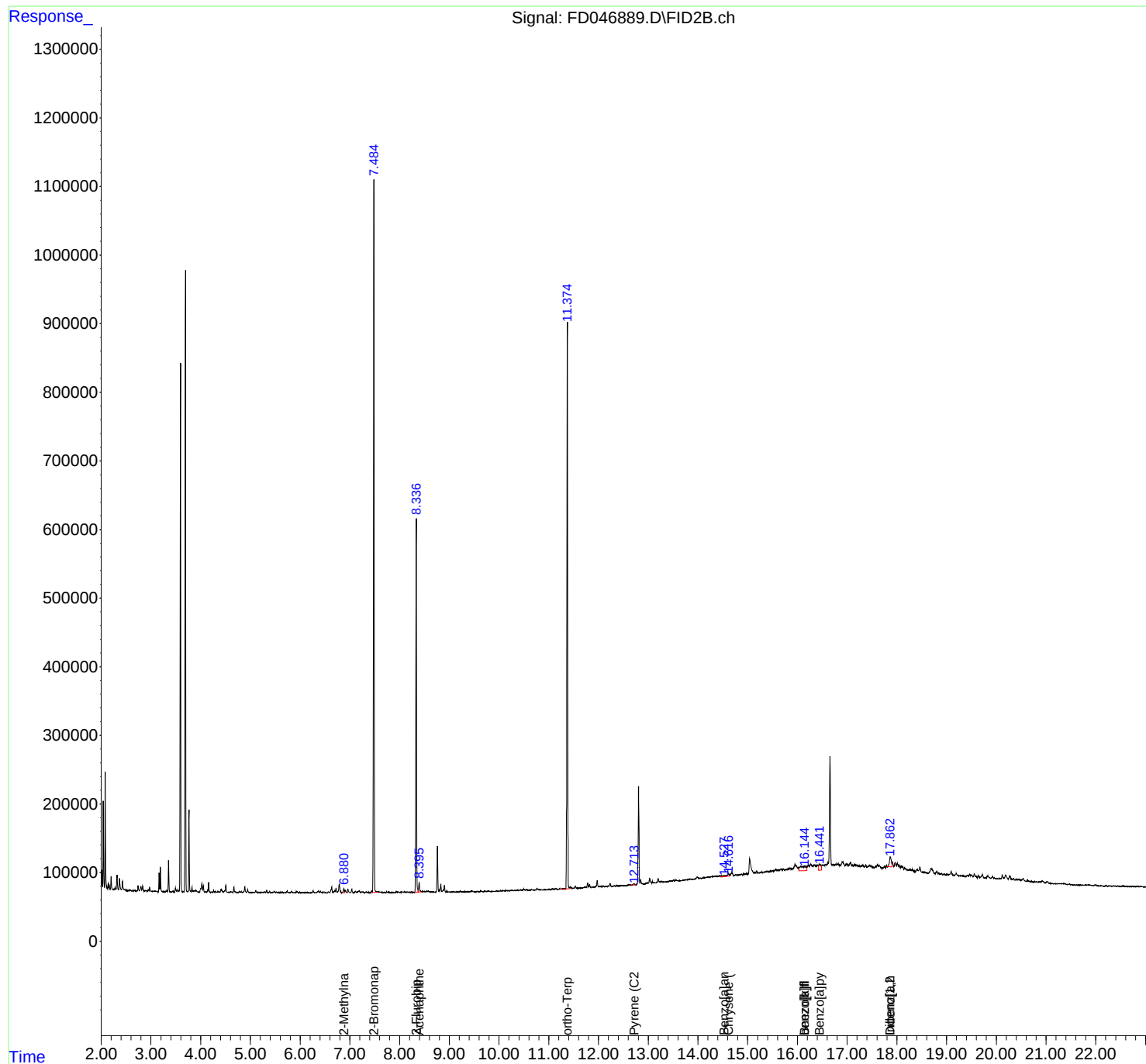
(m)=manual int.

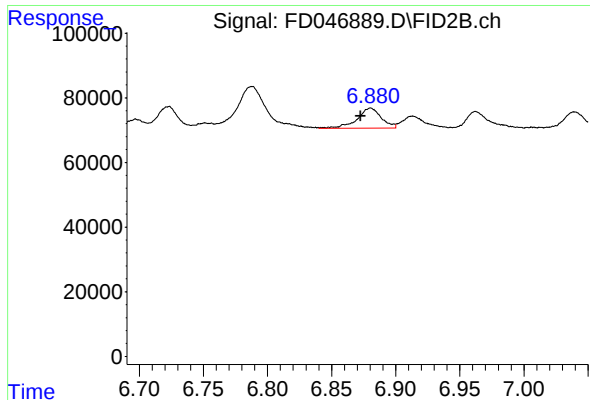
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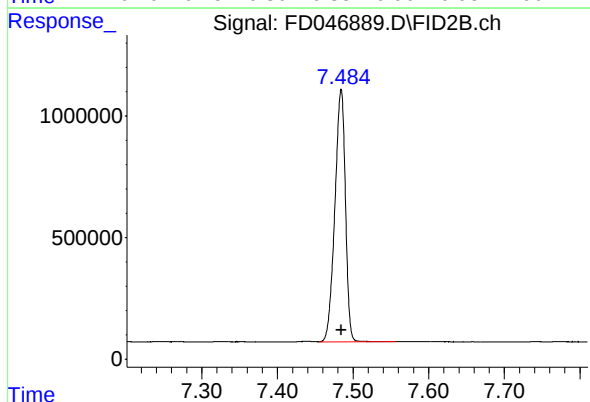




#3 2-Methylnaphthalene (C12.89)

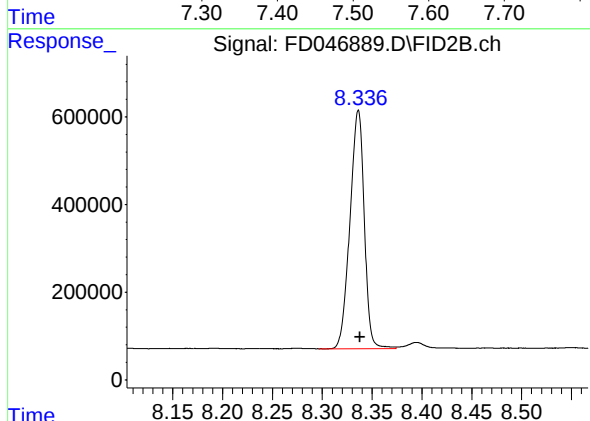
R.T.: 6.880 min
Delta R.T.: 0.008 min
Response: 81428
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



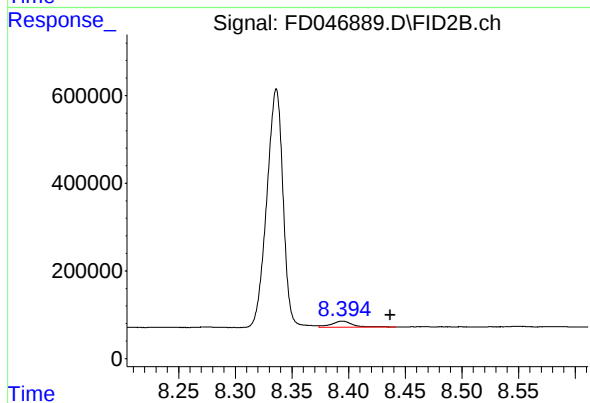
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 10053975
Conc: 55.13 ug/ml



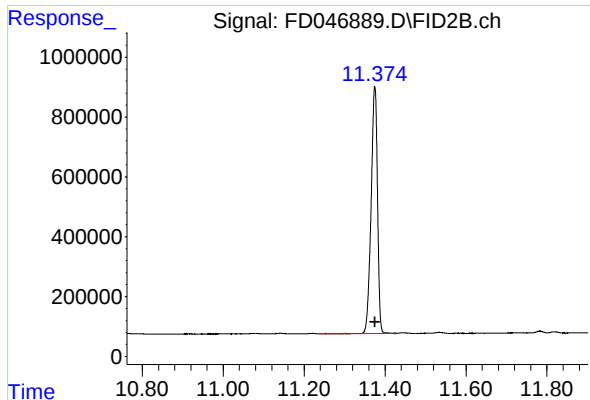
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 5444542
Conc: 46.26 ug/ml



#7 Acenaphthene (C15.5)

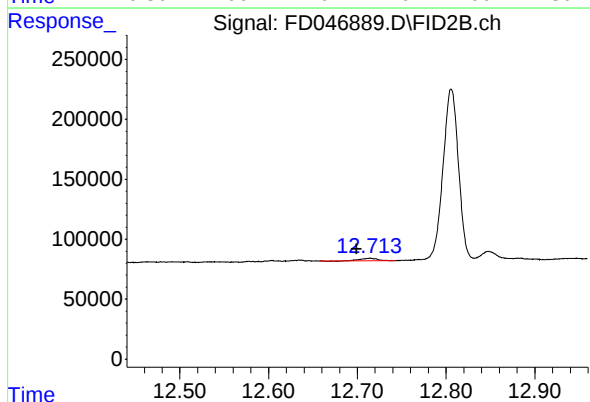
R.T.: 8.395 min
Delta R.T.: -0.042 min
Response: 175142
Conc: 0.89 ug/ml



#11 ortho-Terphenyl (SURR)

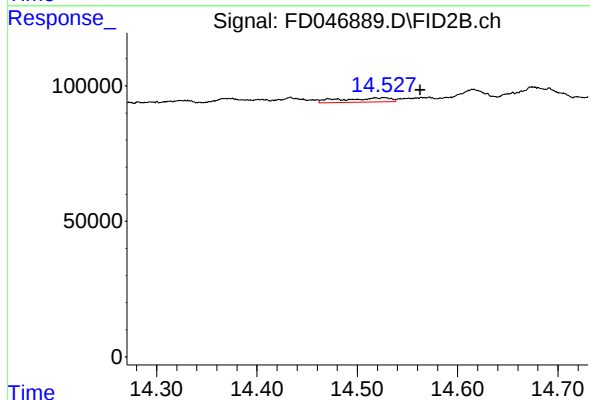
R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 9015478
Conc: 42.57 ug/ml

Instrument :
FID_D
ClientSampleId :



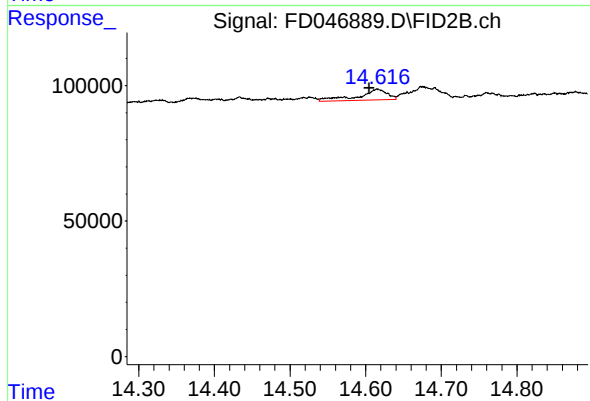
#13 Pyrene (C20.8)

R.T.: 12.714 min
Delta R.T.: 0.015 min
Response: 28913
Conc: 0.17 ug/ml



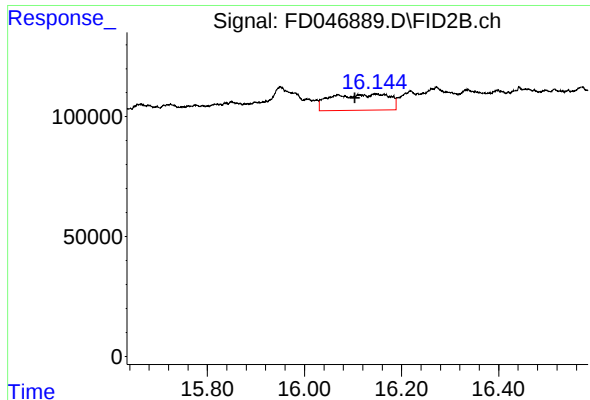
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.527 min
Delta R.T.: -0.036 min
Response: 52432
Conc: 0.37 ug/ml



#15 Chrysene (C27.41)

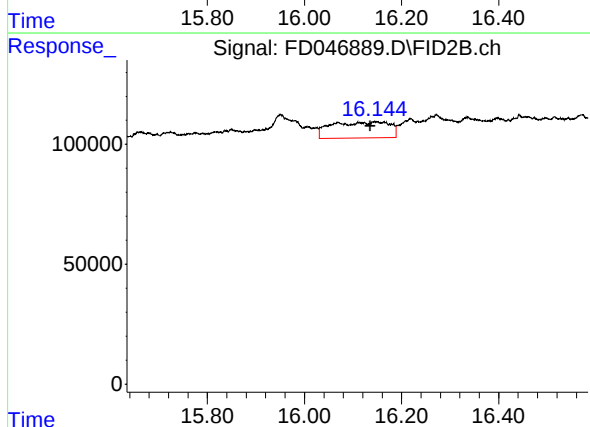
R.T.: 14.616 min
Delta R.T.: 0.011 min
Response: 103734
Conc: 0.67 ug/ml



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

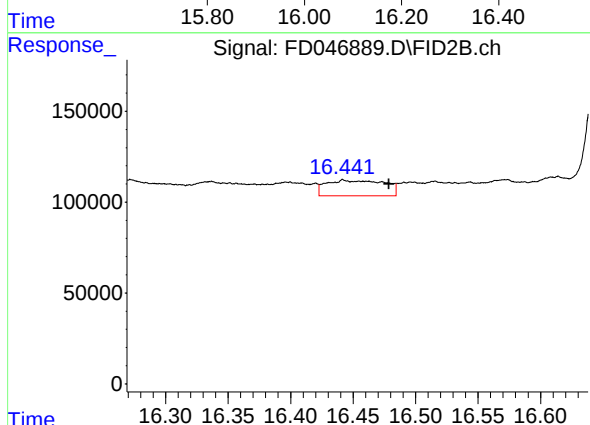
R.T.: 16.146 min
Delta R.T.: 0.042 min
Response: 556653
Conc: 3.89 ug/ml

Instrument :
FID_D
ClientSampleId :



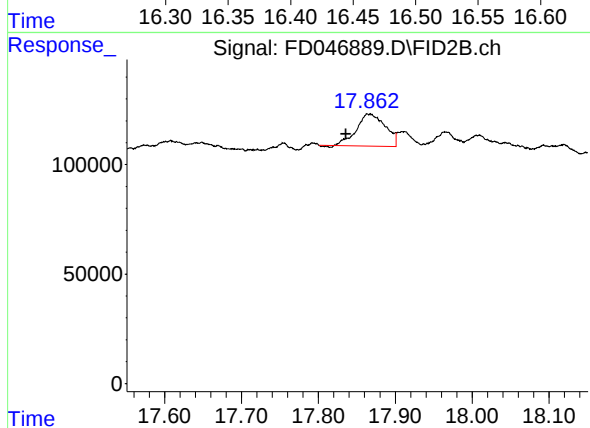
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.146 min
Delta R.T.: 0.010 min
Response: 556653
Conc: 3.80 ug/ml



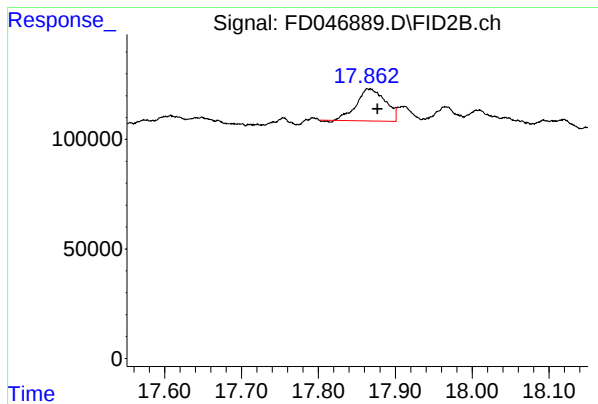
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.443 min
Delta R.T.: -0.036 min
Response: 277284
Conc: 1.98 ug/ml



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

R.T.: 17.866 min
Delta R.T.: 0.030 min
Response: 380391
Conc: 3.01 ug/ml



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

R.T.: 17.866 min

Delta R.T.: -0.011 min

Response: 380391

Conc: 2.72 ug/ml

Instrument :

FID_D

ClientSampleId :