

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046854.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 02:53
 Operator : YP/AJ
 Sample : 05251-10
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:59:00 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...	7.486	10990525	60.264 ug/ml
Spiked Amount 50.000		Recovery =	120.53%
6) S 2-Fluorobiphenyl (SURR)	8.337	5240418	44.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.06%
11) S ortho-Terphenyl (SURR)	11.379	11515694	54.382 ug/ml
Spiked Amount 50.000		Recovery =	108.76%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	141454	0.704 ug/ml
5) T Acenaphthylene (C15.06)	8.102	35846	0.195 ug/ml
7) T Acenaphthene (C15.5)	8.394	43573	0.222 ug/ml
8) T Fluorene (C16.55)	9.226	44069	0.238 ug/ml
14) T Benzo[a]anthracene (C...	14.616	78083	0.555 ug/ml
15) T Chrysene (C27.41)	14.616	78083	0.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	510765	4.043 ug/ml
20) T Dibenz[a,h]anthracene...	17.907	97016	0.694 ug/ml

(f)=RT Delta > 1/2 Window

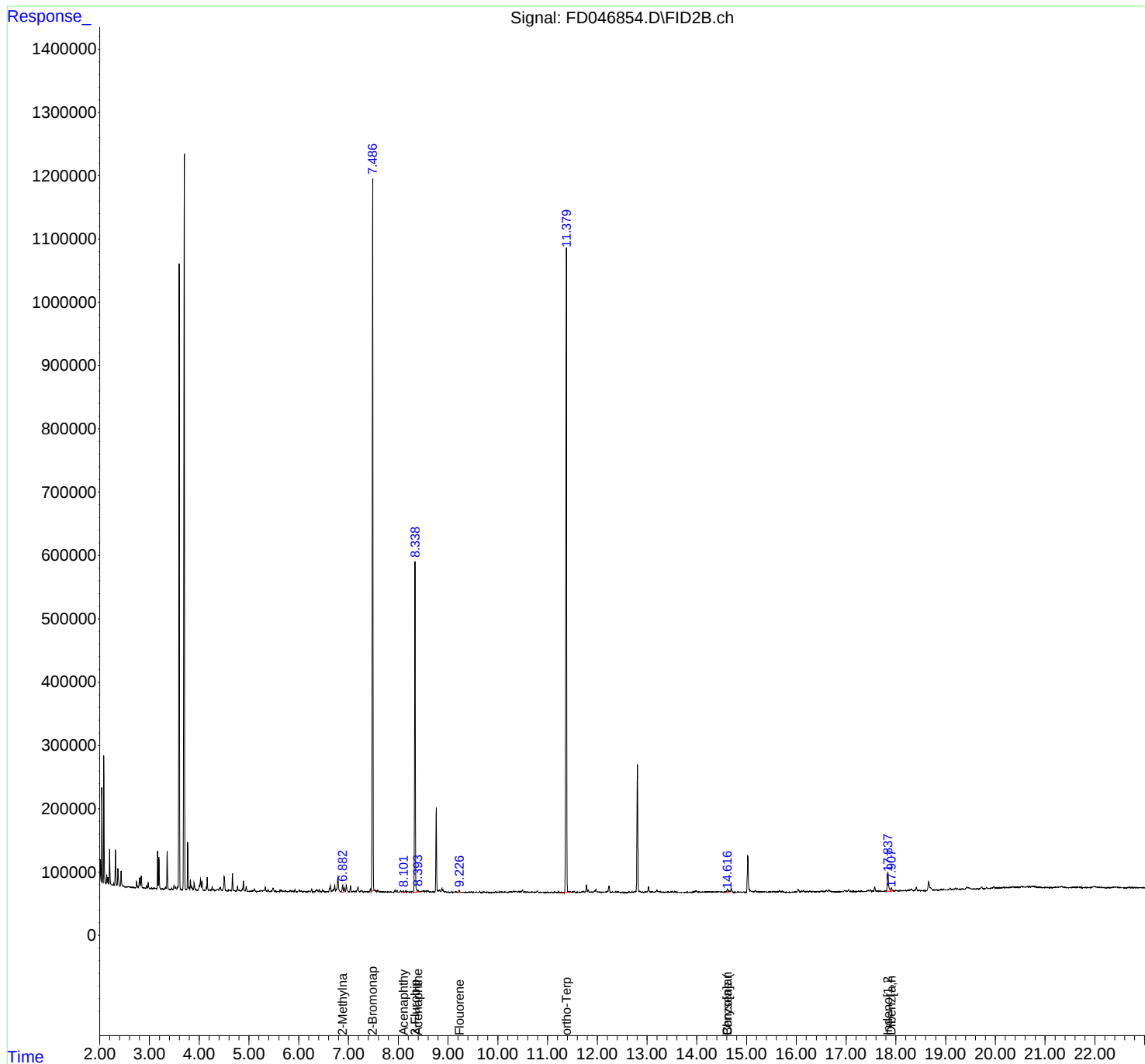
(m)=manual int.

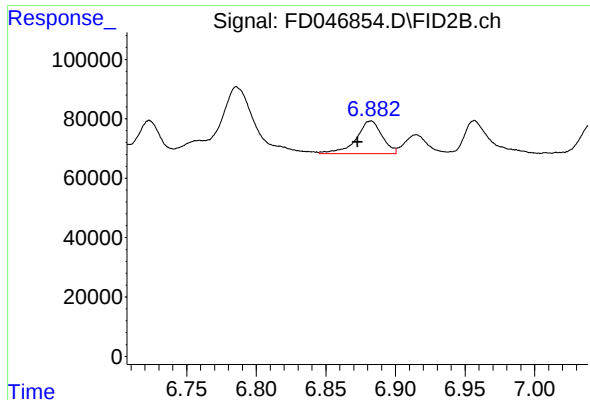
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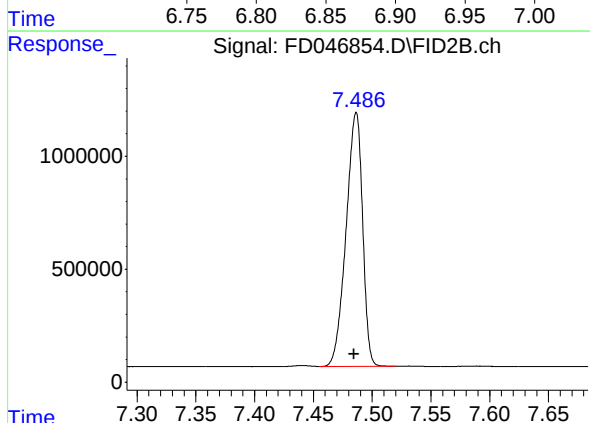




#3 2-Methylnaphthalene (C12.89)

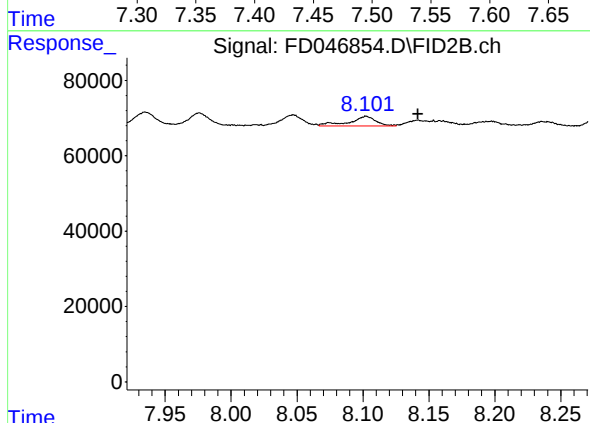
R.T.: 6.882 min
Delta R.T.: 0.009 min
Response: 141454
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



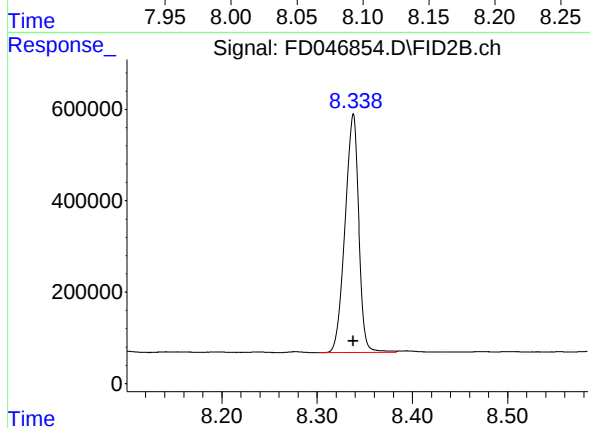
#4 2-Bromonaphthalene (SURR)

R.T.: 7.486 min
Delta R.T.: 0.001 min
Response: 10990525
Conc: 60.26 ug/ml



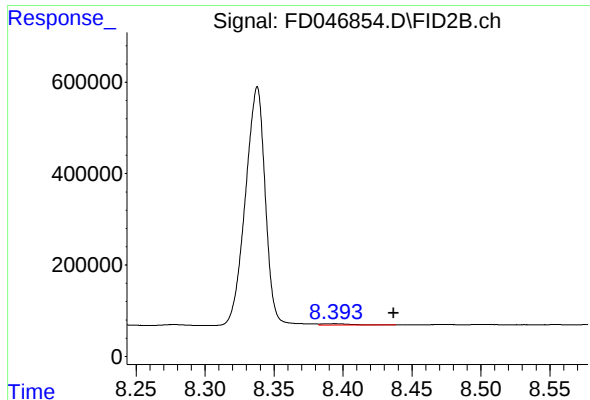
#5 Acenaphthylene (C15.06)

R.T.: 8.102 min
Delta R.T.: -0.039 min
Response: 35846
Conc: 0.19 ug/ml



#6 2-Fluorobiphenyl (SURR)

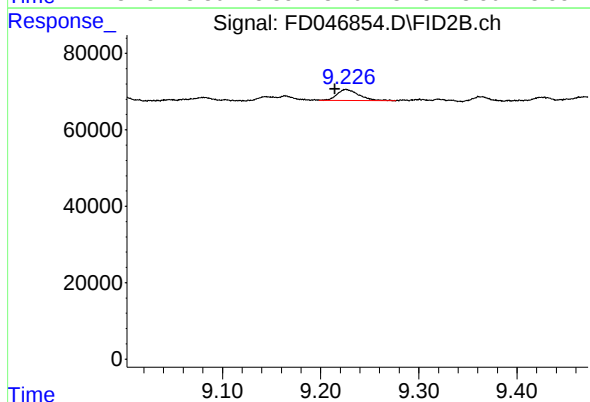
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 5240418
Conc: 44.53 ug/ml



#7 Acenaphthene (C15.5)

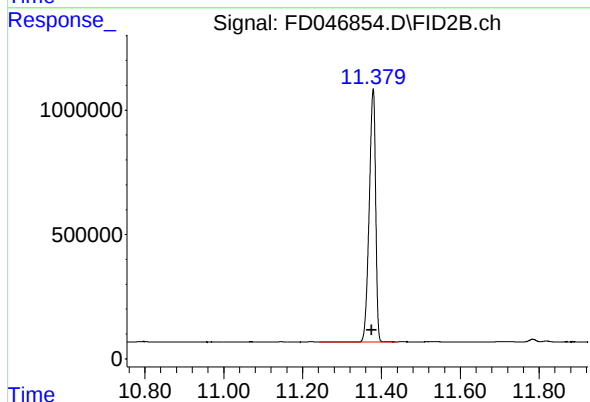
R.T.: 8.394 min
Delta R.T.: -0.043 min
Response: 43573
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



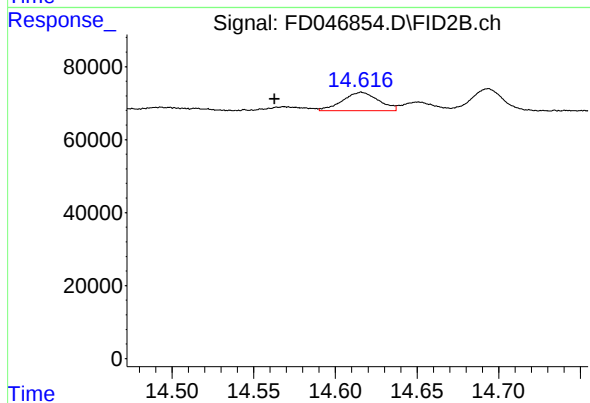
#8 Fluorene (C16.55)

R.T.: 9.226 min
Delta R.T.: 0.011 min
Response: 44069
Conc: 0.24 ug/ml



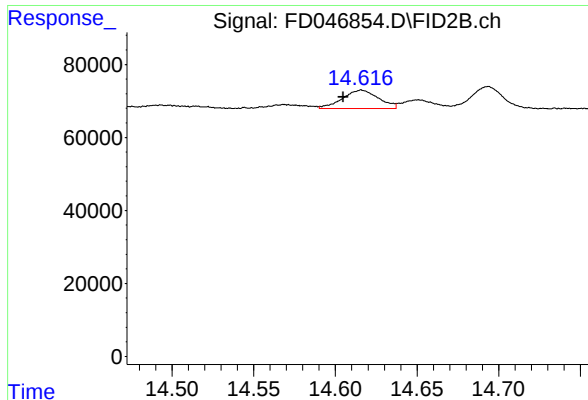
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.003 min
Response: 11515694
Conc: 54.38 ug/ml



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

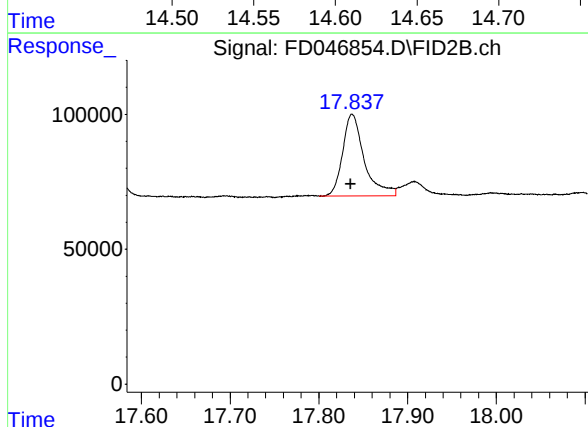
R.T.: 14.616 min
Delta R.T.: 0.053 min
Response: 78083
Conc: 0.55 ug/ml



#15 Chrysene (C27.41)

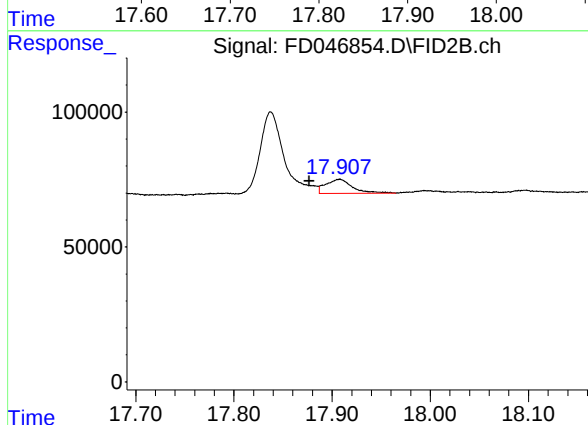
R.T.: 14.616 min
Delta R.T.: 0.011 min
Response: 78083
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 510765
Conc: 4.04 ug/ml



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

R.T.: 17.907 min
Delta R.T.: 0.030 min
Response: 97016
Conc: 0.69 ug/ml