

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046907.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2023 17:58
 Operator : YP/AJ
 Sample : 05449-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 00:14:15 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	16717068	91.663 ug/ml
Spiked Amount 50.000		Recovery =	183.33%
6) S 2-Fluorobiphenyl (SURR)	8.336	9445938	80.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	160.53%#
11) S ortho-Terphenyl (SURR)	11.372	10522743	49.693 ug/ml
Spiked Amount 50.000		Recovery =	99.39%
Target Compounds			
2) T Naphthalene (C11.7)	5.824	39893	0.199 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	155522	0.774 ug/ml
7) T Acenaphthene (C15.5)	8.390	51941	0.265 ug/ml
8) T Flouorene (C16.55)	9.220	65838	0.356 ug/ml
12) T Fluoranthene (C21.85)	12.400	69262	0.401 ug/ml
13) T Pyrene (C20.8)	12.693	70627	0.425 ug/ml
14) T Benzo[a]anthracene (C...	14.604	65719	0.467 ug/ml
15) T Chrysene (C27.41)	14.604	65719	0.421 ug/ml
16) T benzo[b]fluoranthene ...	16.103	19508	0.136 ug/ml
17) T Bnezo[k]fluoranthene ...	16.103	19508	0.133 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	125648	0.995 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	114952	0.823 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	38259	0.274 ug/ml

(f)=RT Delta > 1/2 Window

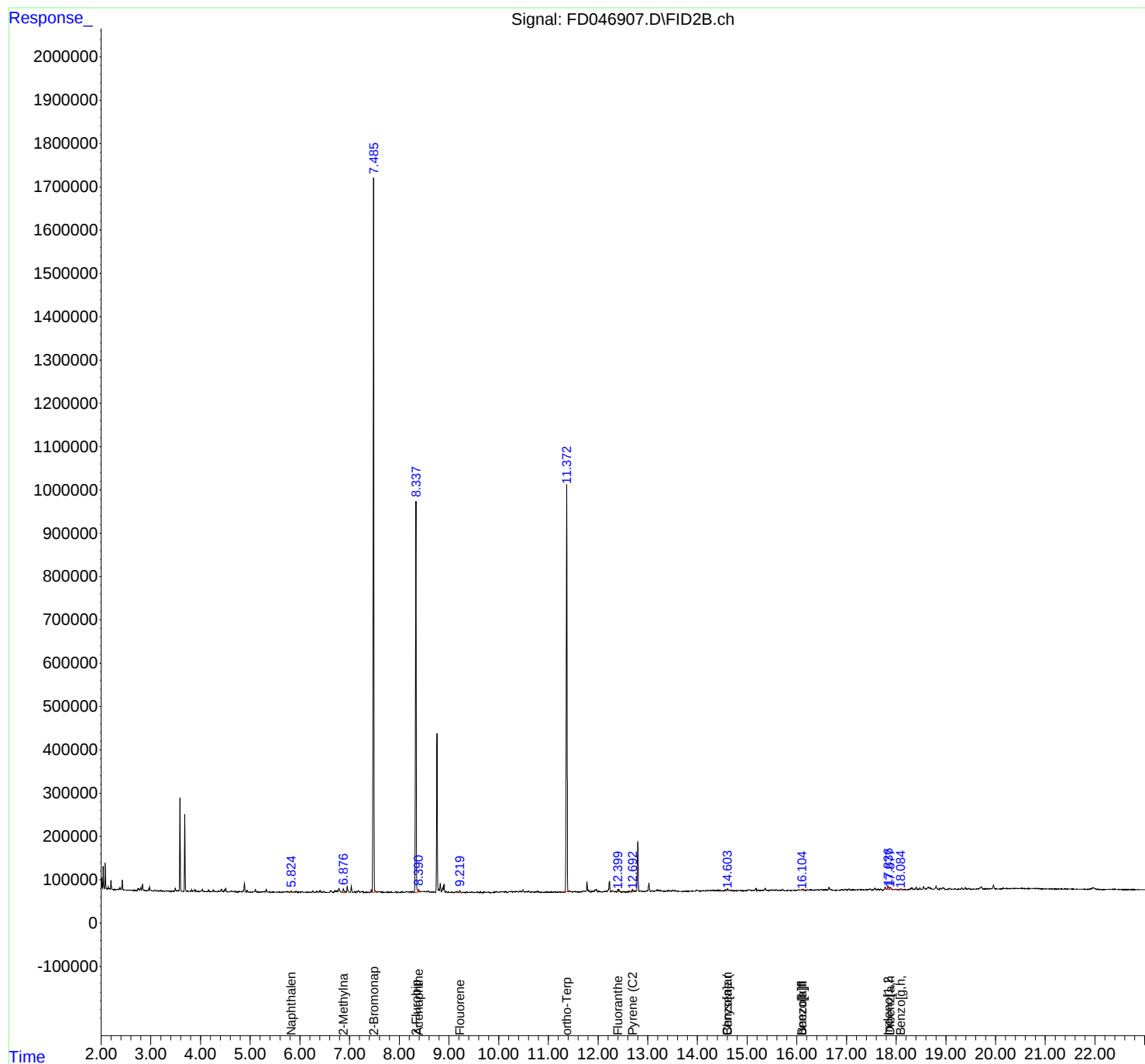
(m)=manual int.

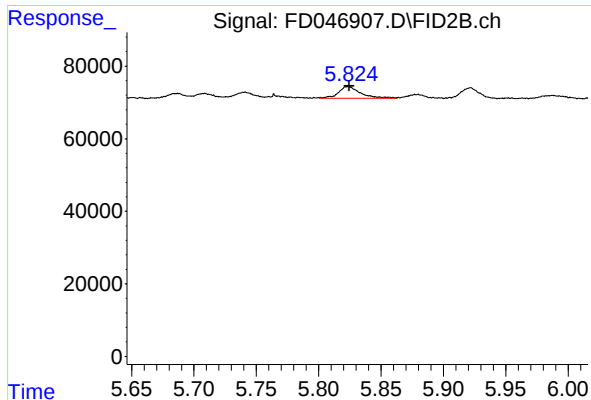
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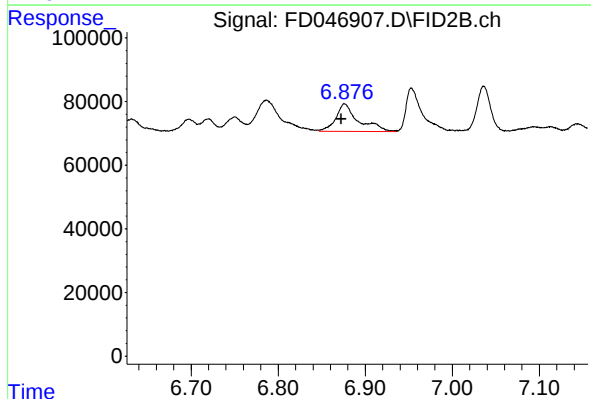




#2 Naphthalene (C11.7)

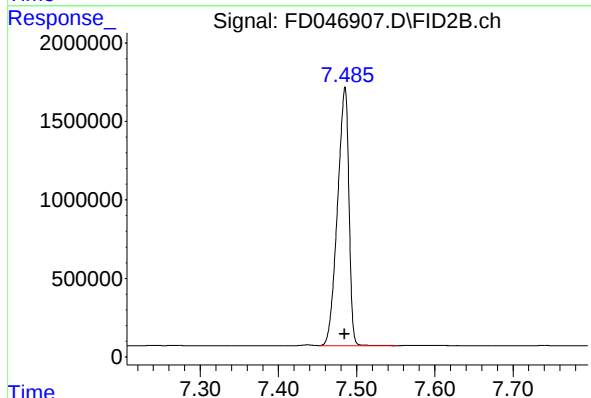
R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 39893
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



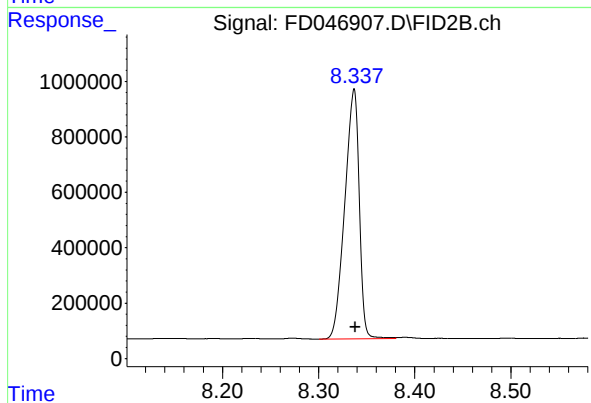
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.004 min
Response: 155522
Conc: 0.77 ug/ml



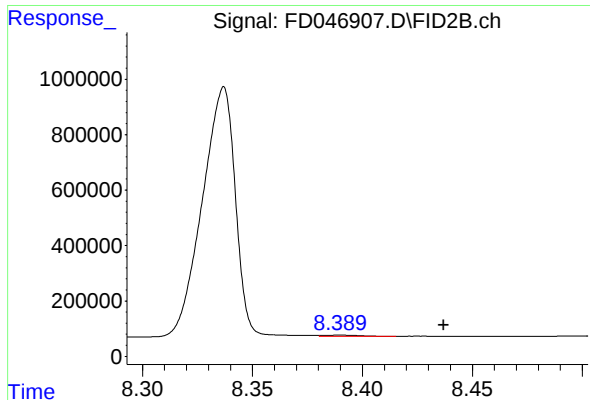
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 16717068
Conc: 91.66 ug/ml



#6 2-Fluorobiphenyl (SURR)

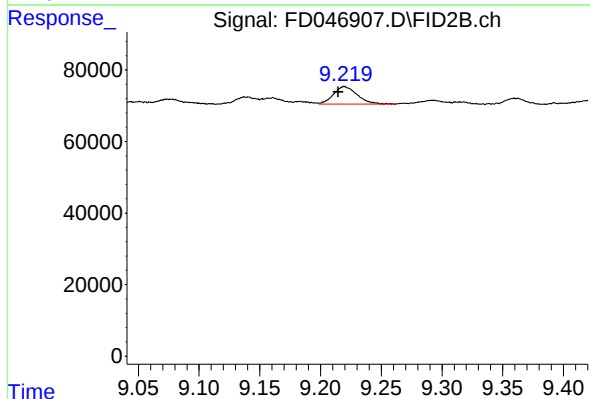
R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 9445938
Conc: 80.27 ug/ml



#7 Acenaphthene (C15.5)

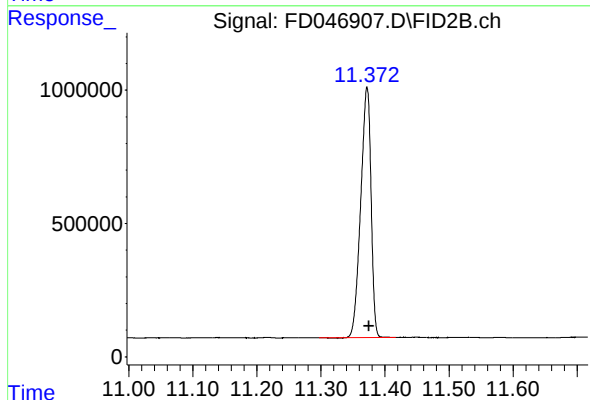
R.T.: 8.390 min
Delta R.T.: -0.047 min
Response: 51941
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



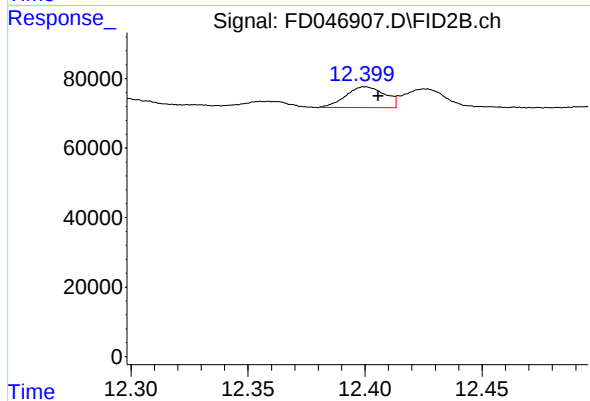
#8 Flouorene (C16.55)

R.T.: 9.220 min
Delta R.T.: 0.005 min
Response: 65838
Conc: 0.36 ug/ml



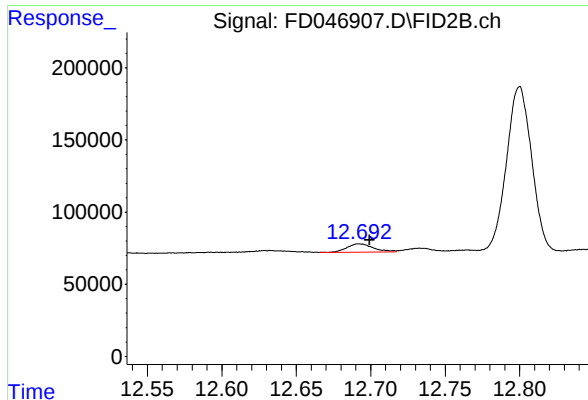
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.004 min
Response: 10522743
Conc: 49.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: -0.005 min
Response: 69262
Conc: 0.40 ug/ml



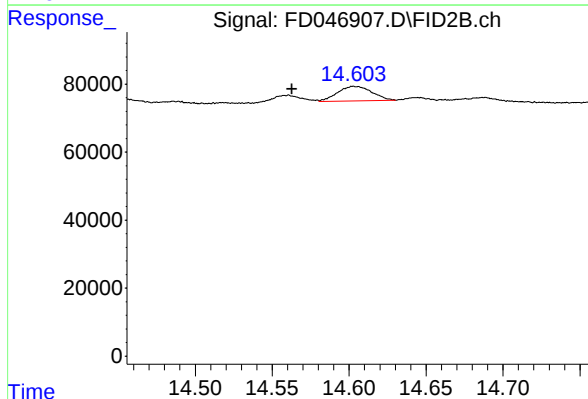
#13 Pyrene (C20.8)

R.T.: 12.693 min
Delta R.T.: -0.007 min
Response: 70627
Conc: 0.42 ug/ml

Instrument :

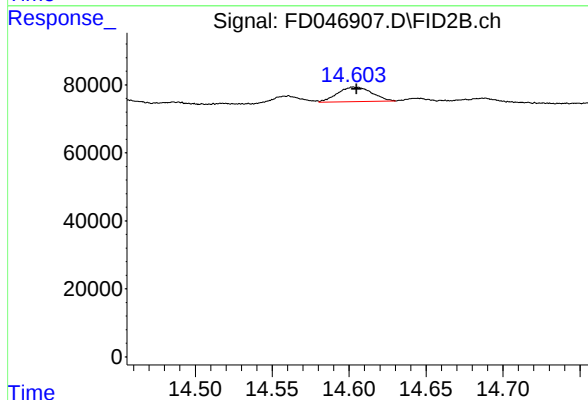
FID_D

ClientSampleId :



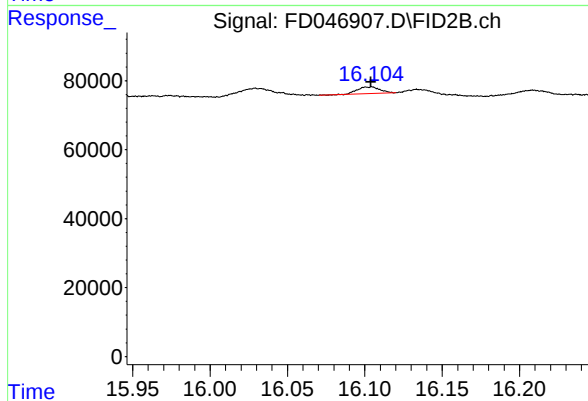
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.604 min
Delta R.T.: 0.041 min
Response: 65719
Conc: 0.47 ug/ml



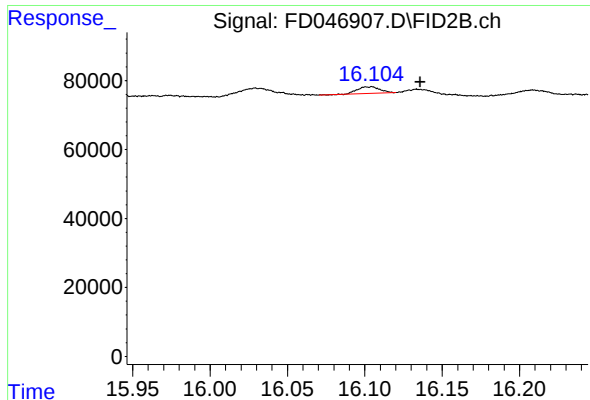
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: -0.001 min
Response: 65719
Conc: 0.42 ug/ml



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

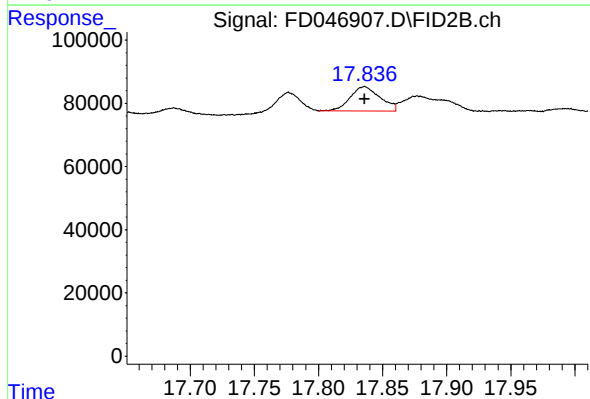
R.T.: 16.103 min
Delta R.T.: 0.000 min
Response: 19508
Conc: 0.14 ug/ml



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

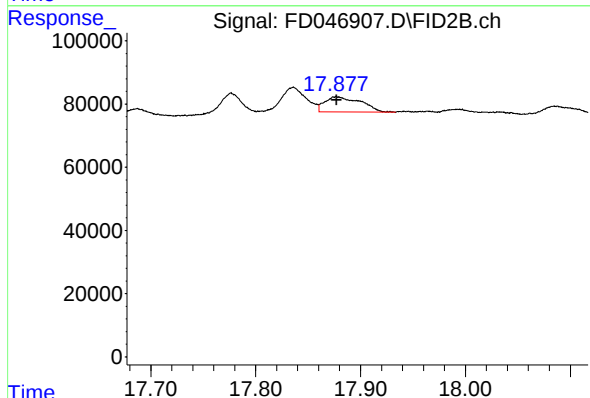
R.T.: 16.103 min
Delta R.T.: -0.033 min
Response: 19508
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



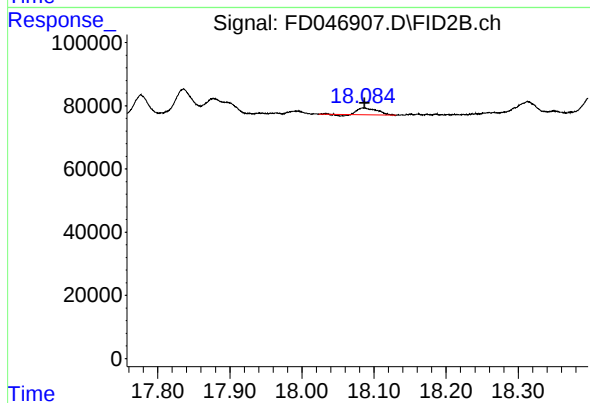
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 125648
Conc: 0.99 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 114952
Conc: 0.82 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.086 min
Delta R.T.: -0.001 min
Response: 38259
Conc: 0.27 ug/ml