

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043086.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 13:08
 Operator : YP/AJ
 Sample : N3494-24DL2 10X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.631	937991	6.075 ug/ml
Spiked Amount 50.000		Recovery =	12.15%
6) S 2-Fluorobiphenyl (SURR)	8.495	656550	6.225 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	12.45%
11) S ortho-Terphenyl (SURR)	11.538	926447	5.097 ug/ml
Spiked Amount 50.000		Recovery =	10.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	105816	0.630 ug/ml
2) T Naphthalene (C11.7)	5.933	75133	0.429 ug/ml
5) T Acenaphthylene (C15.06)	8.289	162069	0.912 ug/ml
7) T Acenaphthene (C15.5)	8.608	102893	0.588 ug/ml
8) T Fluorene (C16.55)	9.401	355756	2.052 ug/ml
9) T Phenanthrene (C19.36)	10.774	401913	2.343 ug/ml
10) T Anthracene (C19.43)	10.848	272256	1.603 ug/ml
12) T Fluoranthene (C21.85)	12.585	150020	0.894 ug/ml
13) T Pyrene (C20.8)	12.881	146508	0.899 ug/ml
14) T Benzo[a]anthracene (C...	14.754	405194	2.609 ug/ml
15) T Chrysene (C27.41)	14.824	305367	1.935 ug/ml
16) T benzo[b]fluoranthene ...	16.305	200178	1.313 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	200178	1.368 ug/ml

(f)=RT Delta > 1/2 Window

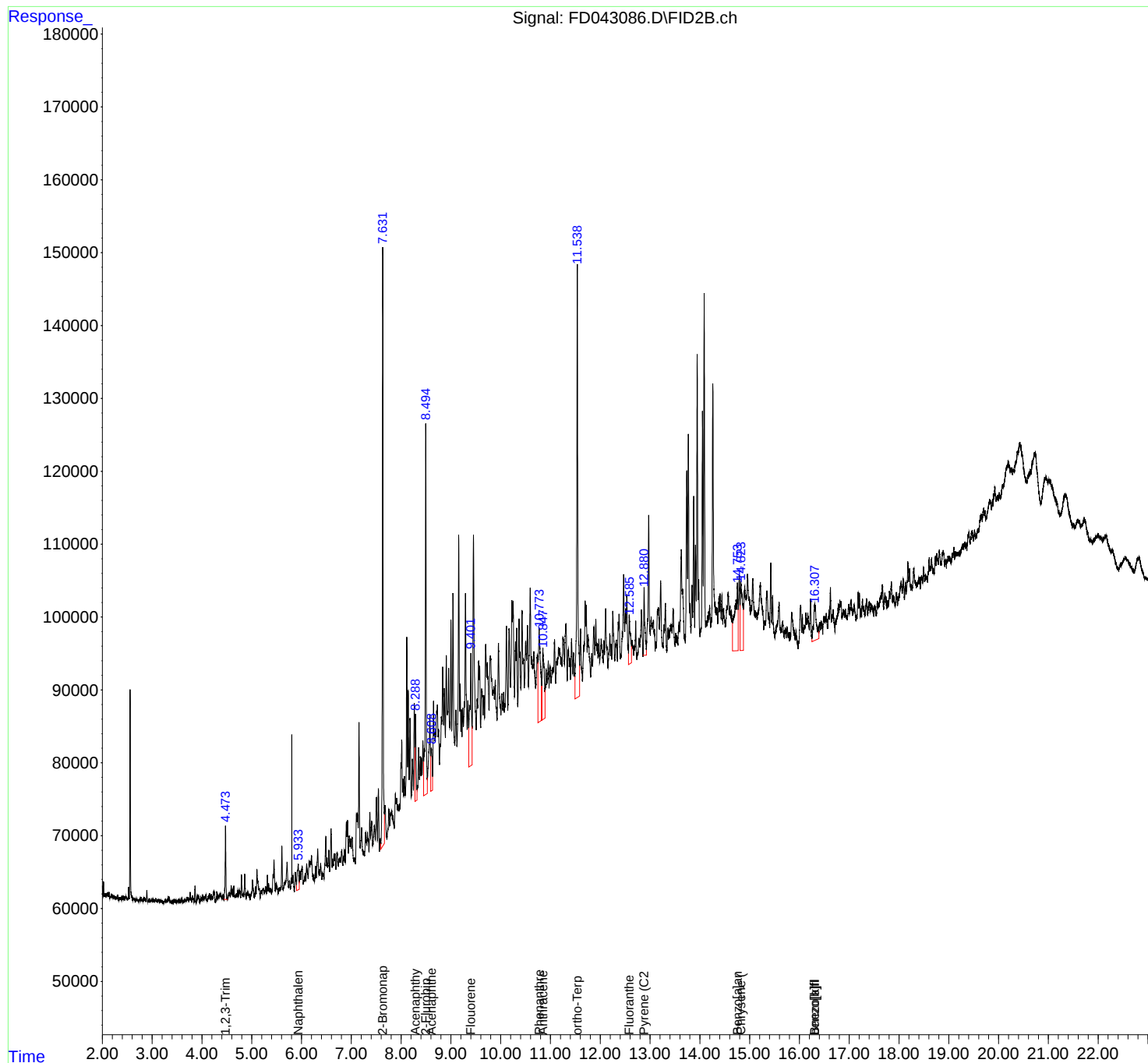
(m)=manual int.

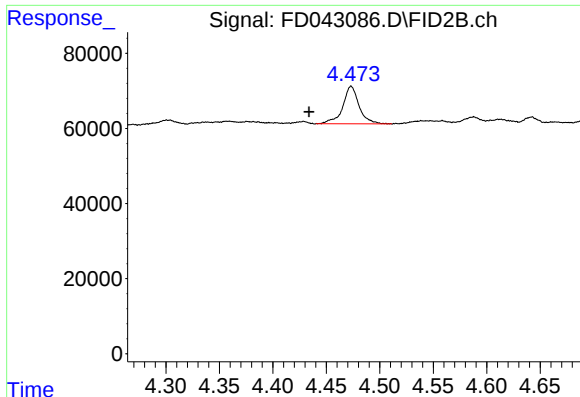
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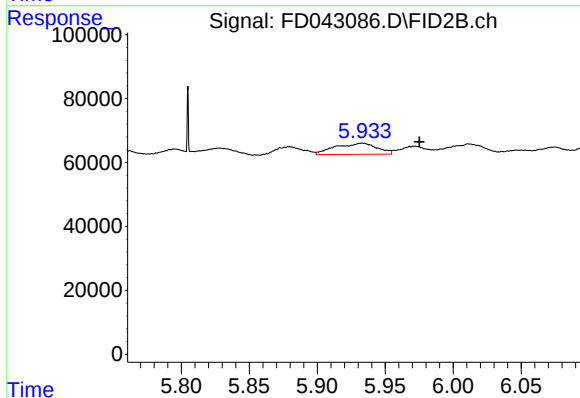




#1 1,2,3-Trimethylbenzene (C10.1)

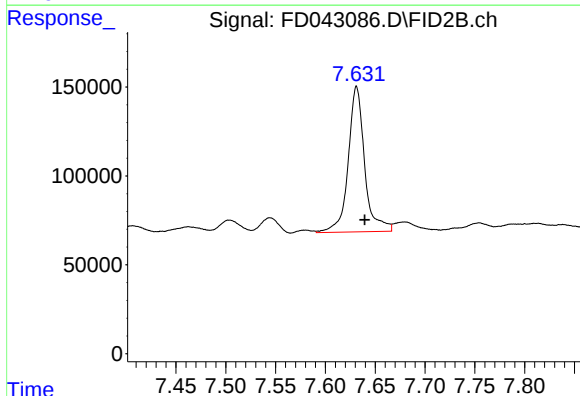
R.T.: 4.473 min
Delta R.T.: 0.039 min
Response: 105816
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



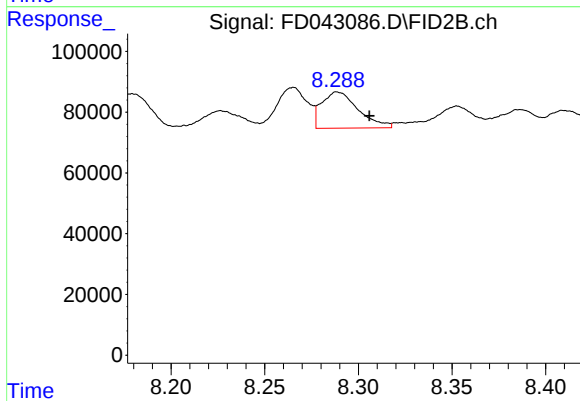
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.042 min
Response: 75133
Conc: 0.43 ug/ml



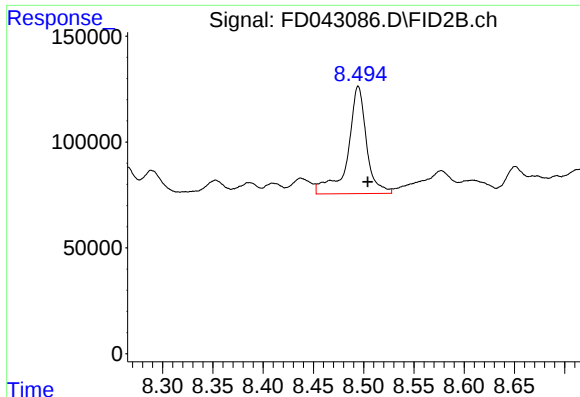
#4 2-Bromonaphthalene (SURR)

R.T.: 7.631 min
Delta R.T.: -0.008 min
Response: 937991
Conc: 6.07 ug/ml



#5 Acenaphthylene (C15.06)

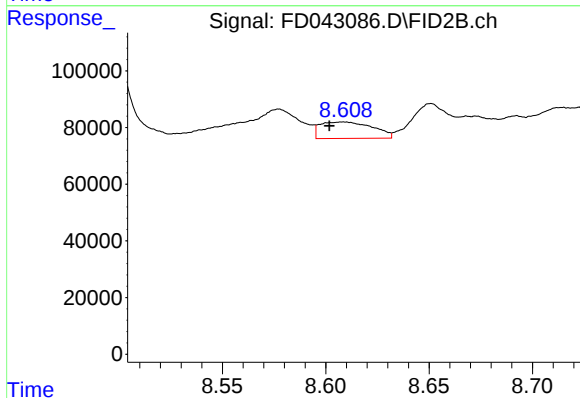
R.T.: 8.289 min
Delta R.T.: -0.017 min
Response: 162069
Conc: 0.91 ug/ml



#6 2-Fluorobiphenyl (SURR)

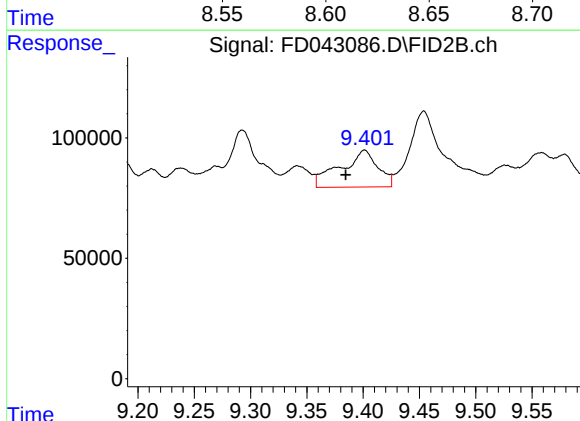
R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 656550
Conc: 6.22 ug/ml

Instrument :
FID_D
ClientSampleId :



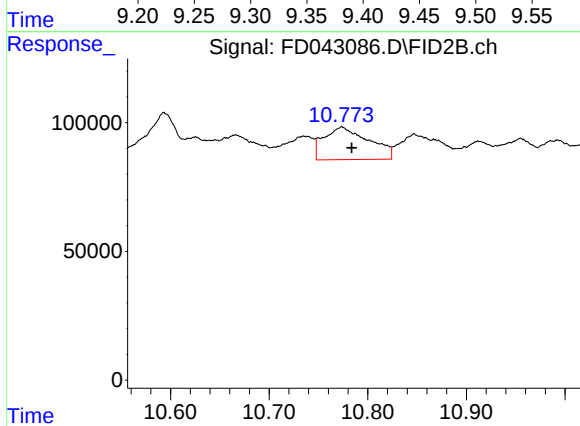
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: 0.006 min
Response: 102893
Conc: 0.59 ug/ml



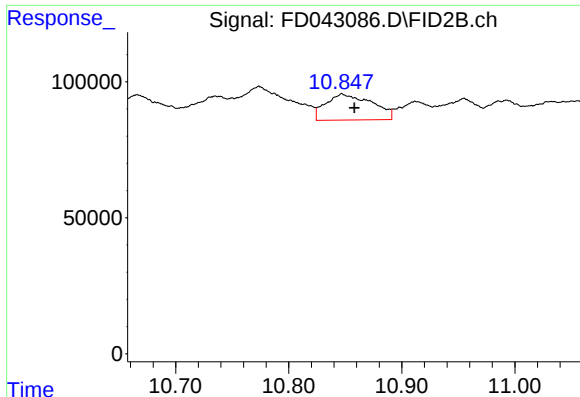
#8 Flouorene (C16.55)

R.T.: 9.401 min
Delta R.T.: 0.017 min
Response: 355756
Conc: 2.05 ug/ml



#9 Phenanthrene (C19.36)

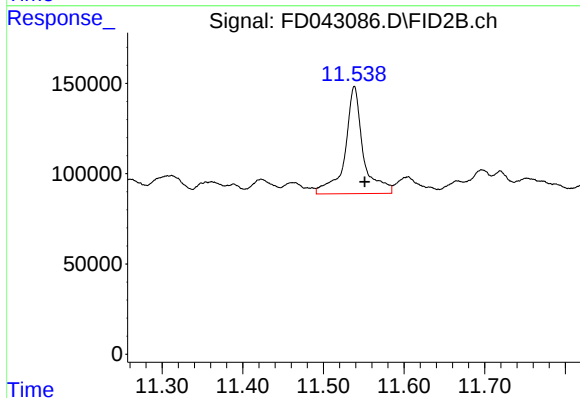
R.T.: 10.774 min
Delta R.T.: -0.010 min
Response: 401913
Conc: 2.34 ug/ml



#10 Anthracene (C19.43)

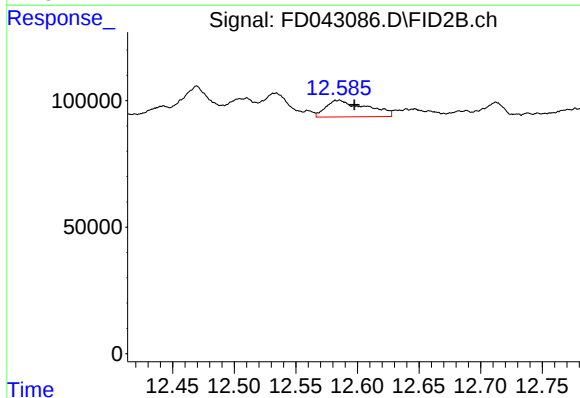
R.T.: 10.848 min
Delta R.T.: -0.010 min
Response: 272256
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



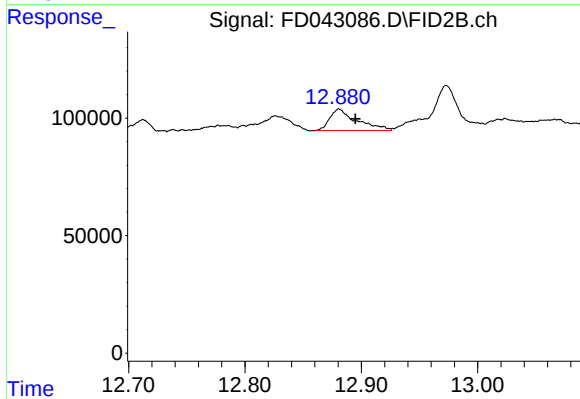
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 926447
Conc: 5.10 ug/ml



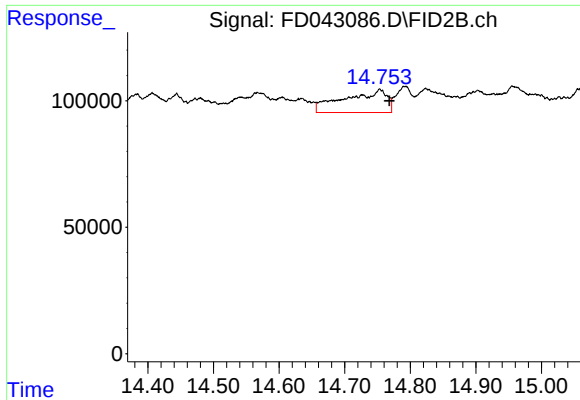
#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.013 min
Response: 150020
Conc: 0.89 ug/ml



#13 Pyrene (C20.8)

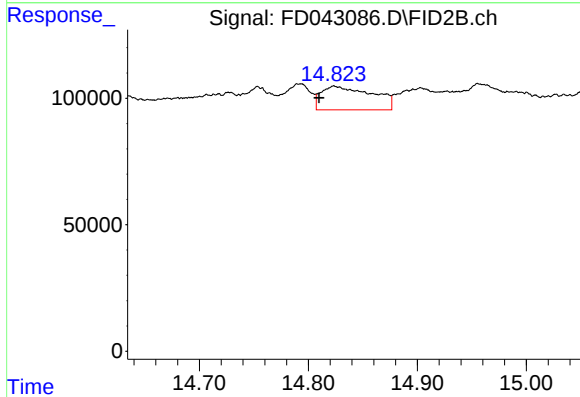
R.T.: 12.881 min
Delta R.T.: -0.014 min
Response: 146508
Conc: 0.90 ug/ml



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

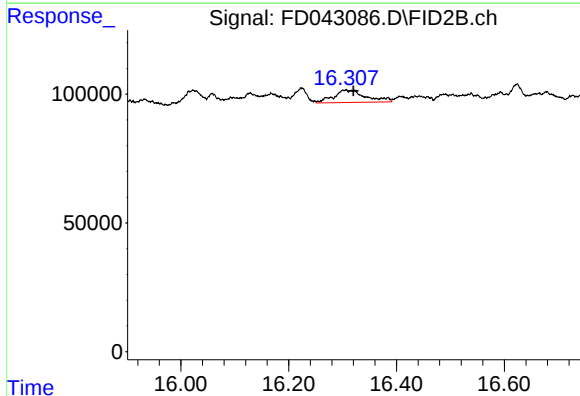
R.T.: 14.754 min
Delta R.T.: -0.014 min
Response: 405194
Conc: 2.61 ug/ml

Instrument :
FID_D
ClientSampleId :



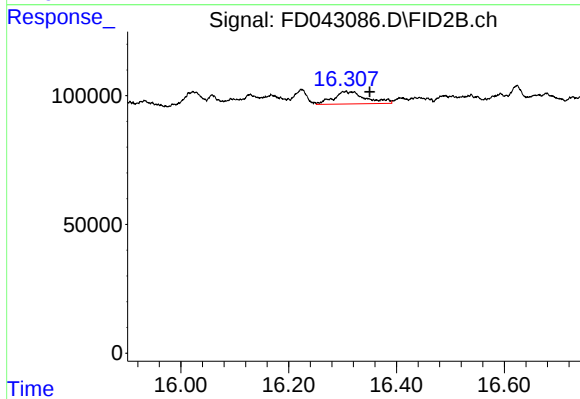
#15 Chrysene (C27.41)

R.T.: 14.824 min
Delta R.T.: 0.015 min
Response: 305367
Conc: 1.93 ug/ml



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

R.T.: 16.305 min
Delta R.T.: -0.015 min
Response: 200178
Conc: 1.31 ug/ml



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

R.T.: 16.305 min
Delta R.T.: -0.046 min
Response: 200178
Conc: 1.37 ug/ml