

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083122AR\
 Data File : FD043782.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 13:13
 Operator : YP/AJ
 Sample : N4421-04DL2 25X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 06:46:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.452	408090	2.362 ug/ml
Spiked Amount 50.000		Recovery =	4.72%
6) S 2-Fluorobiphenyl (SURR)	8.336	260178	2.586 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	5.17%
11) S ortho-Terphenyl (SURR)	11.329	312743	1.495 ug/ml
Spiked Amount 50.000		Recovery =	2.99%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.902f	144665	0.801 ug/ml
5) T Acenaphthylene (C15.06)	8.095	170801	0.854 ug/ml
7) T Acenaphthene (C15.5)	8.403	113028	0.526 ug/ml
8) T Flouorene (C16.55)	9.252f	223996	1.168 ug/ml
9) T Phenanthrene (C19.36)	10.647f	95281	0.530 ug/ml
10) T Anthracene (C19.43)	10.647	95281	0.490 ug/ml
12) T Fluoranthene (C21.85)	12.326f	84947	0.466 ug/ml
13) T Pyrene (C20.8)	12.679	222083	1.190 ug/ml
14) T Benzo[a]anthracene (C...	14.551	41871	0.293 ug/ml
15) T Chrysene (C27.41)	14.588	172569	0.894 ug/ml
16) T benzo[b]fluoranthene ...	16.096	94853	0.657 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	94853	0.551 ug/ml

(f)=RT Delta > 1/2 Window

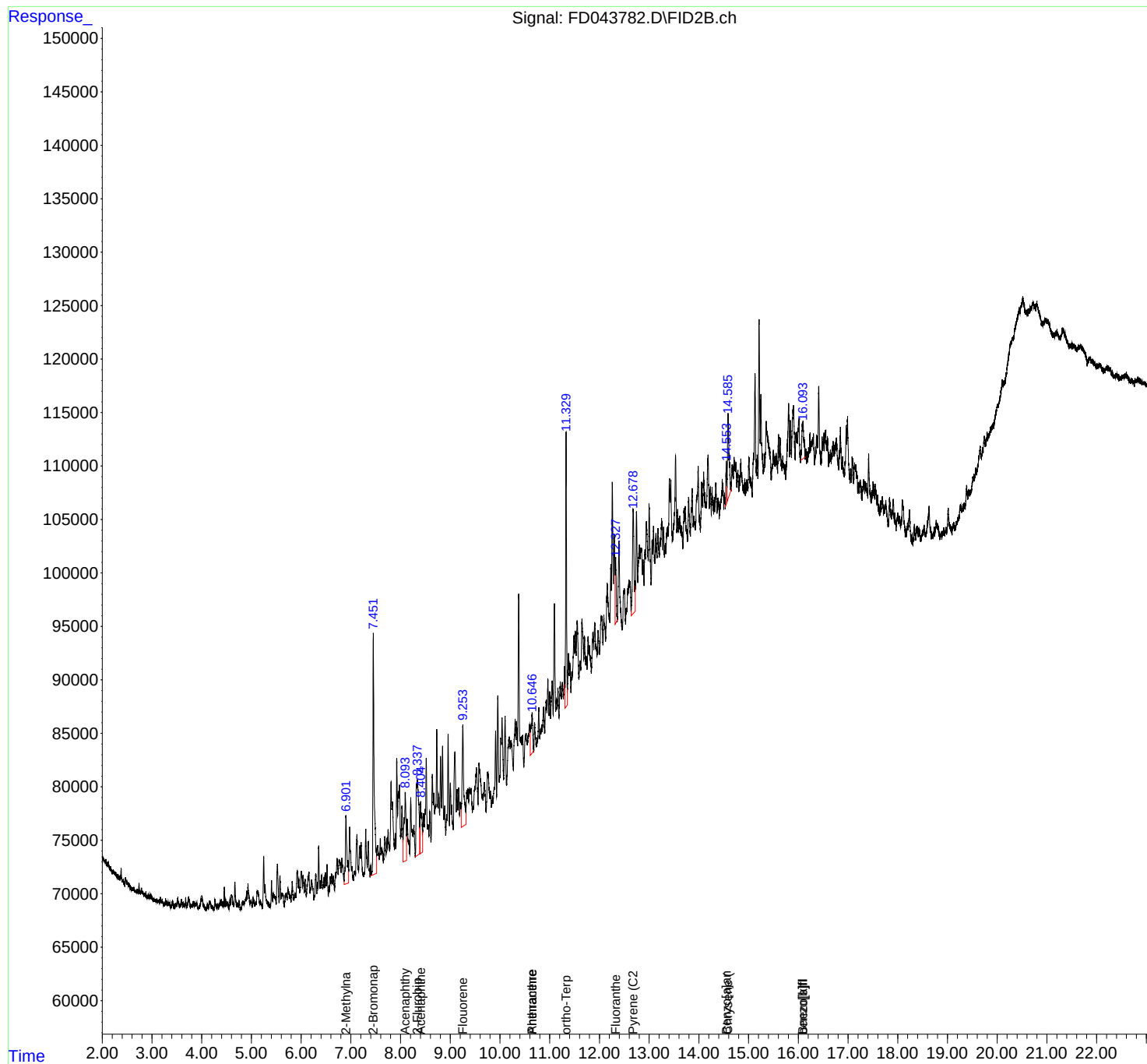
(m)=manual int.

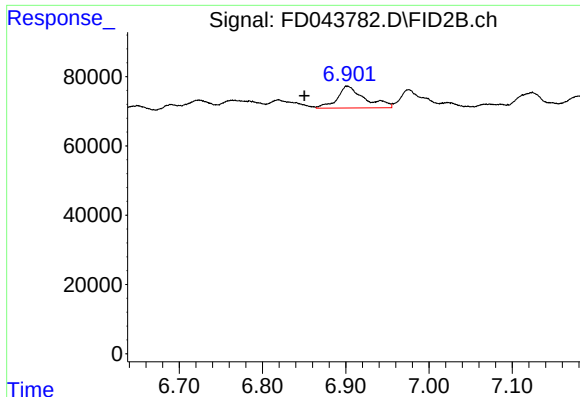
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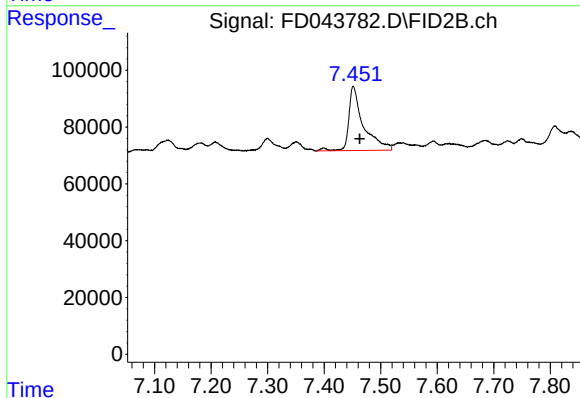




#3 2-Methylnaphthalene (C12.89)

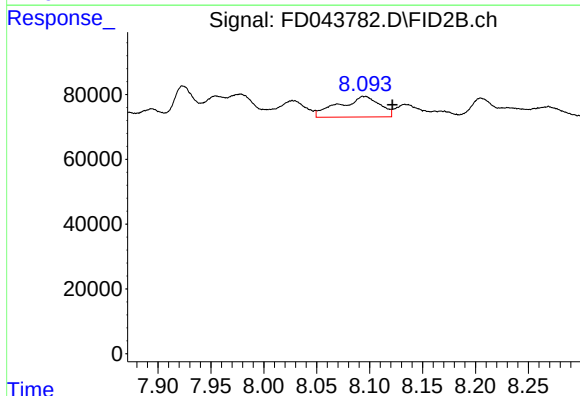
R.T.: 6.902 min
Delta R.T.: 0.052 min
Response: 144665
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :



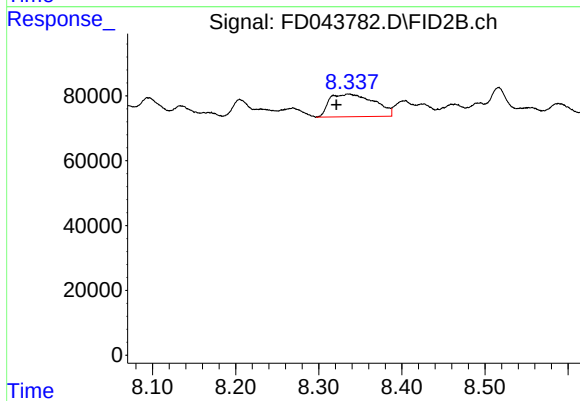
#4 2-Bromonaphthalene (SURR)

R.T.: 7.452 min
Delta R.T.: -0.011 min
Response: 408090
Conc: 2.36 ug/ml



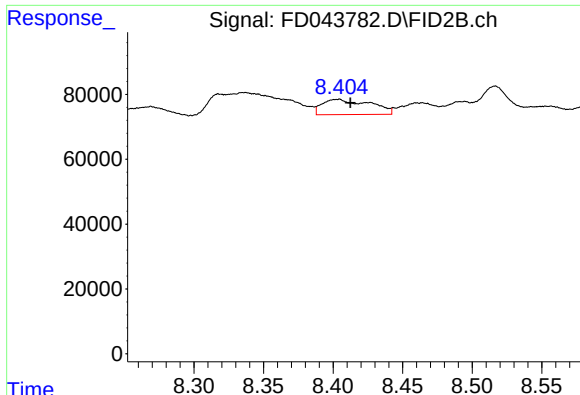
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.026 min
Response: 170801
Conc: 0.85 ug/ml



#6 2-Fluorobiphenyl (SURR)

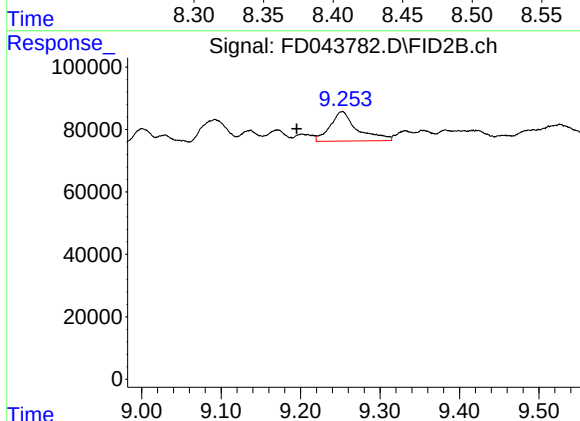
R.T.: 8.336 min
Delta R.T.: 0.015 min
Response: 260178
Conc: 2.59 ug/ml



#7 Acenaphthene (C15.5)

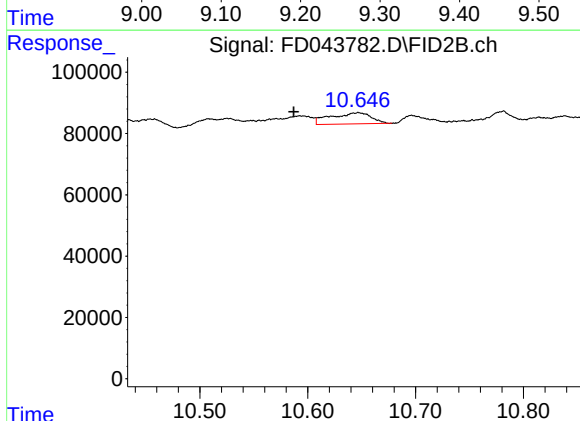
R.T.: 8.403 min
Delta R.T.: -0.010 min
Response: 113028
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



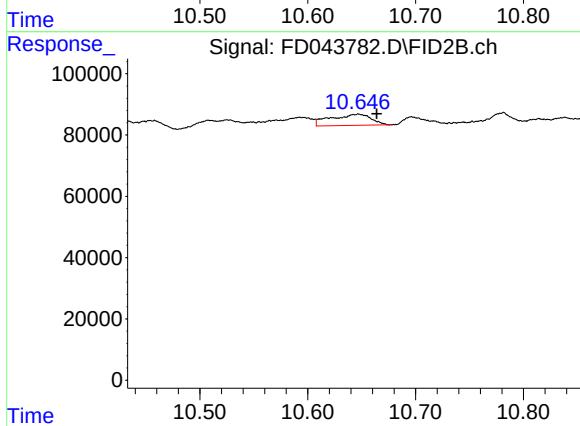
#8 Flouorene (C16.55)

R.T.: 9.252 min
Delta R.T.: 0.057 min
Response: 223996
Conc: 1.17 ug/ml



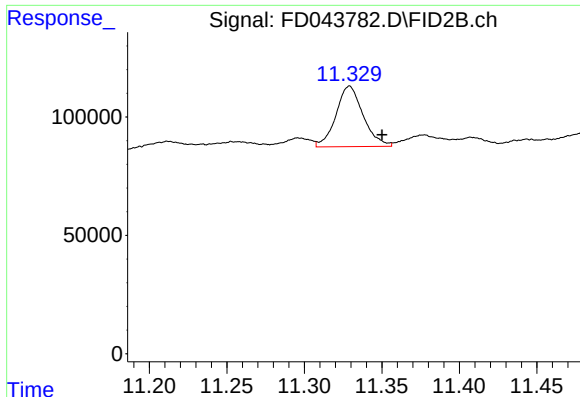
#9 Phenanthrene (C19.36)

R.T.: 10.647 min
Delta R.T.: 0.060 min
Response: 95281
Conc: 0.53 ug/ml



#10 Anthracene (C19.43)

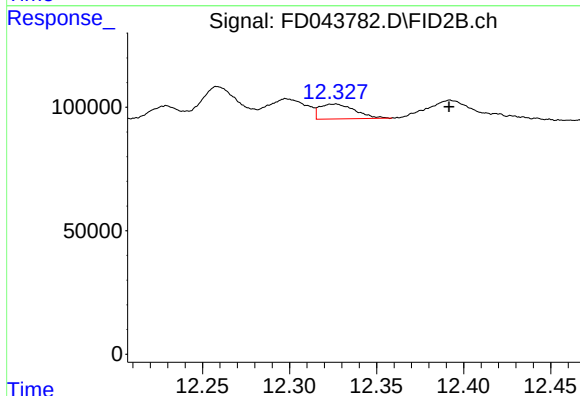
R.T.: 10.647 min
Delta R.T.: -0.017 min
Response: 95281
Conc: 0.49 ug/ml



#11 ortho-Terphenyl (SURR)

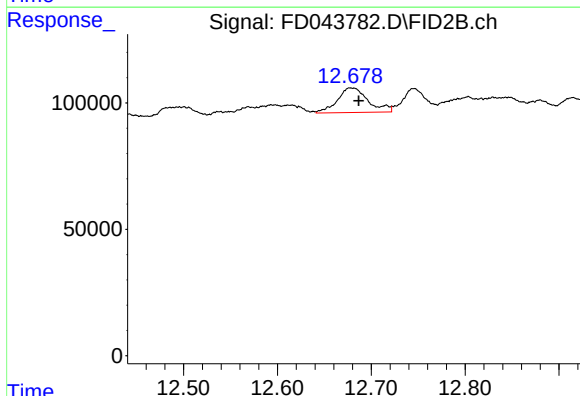
R.T.: 11.329 min
Delta R.T.: -0.021 min
Response: 312743
Conc: 1.49 ug/ml

Instrument :
FID_D
ClientSampleId :



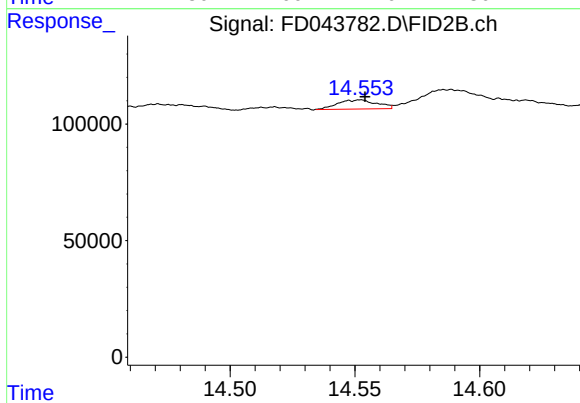
#12 Fluoranthene (C21.85)

R.T.: 12.326 min
Delta R.T.: -0.066 min
Response: 84947
Conc: 0.47 ug/ml



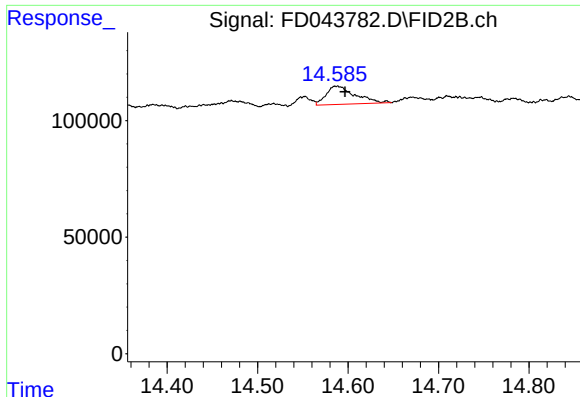
#13 Pyrene (C20.8)

R.T.: 12.679 min
Delta R.T.: -0.008 min
Response: 222083
Conc: 1.19 ug/ml



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

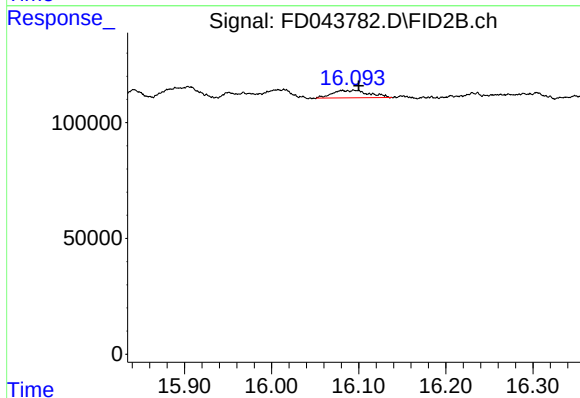
R.T.: 14.551 min
Delta R.T.: -0.003 min
Response: 41871
Conc: 0.29 ug/ml



#15 Chrysene (C27.41)

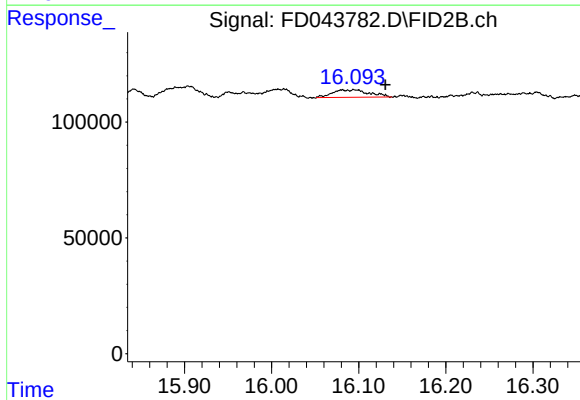
R.T.: 14.588 min
Delta R.T.: -0.009 min
Response: 172569
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.096 min
Delta R.T.: -0.005 min
Response: 94853
Conc: 0.66 ug/ml



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

R.T.: 16.096 min
Delta R.T.: -0.035 min
Response: 94853
Conc: 0.55 ug/ml