

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091323AR\
 Data File : FD046473.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2023 20:24
 Operator : YP/AJ
 Sample : 04392-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 02:59:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

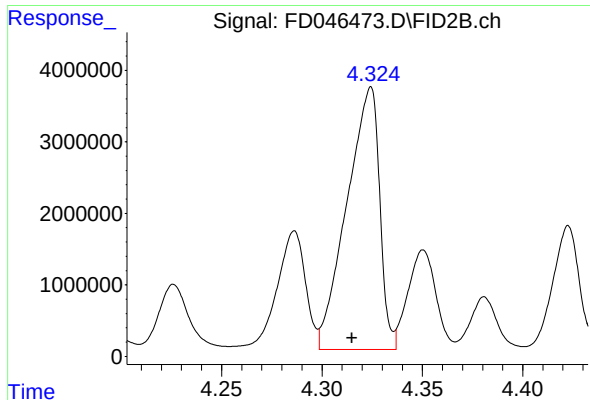
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.514	34578499	204.745 ug/ml
Spiked Amount 50.000		Recovery =	409.49%
6) S 2-Fluorobiphenyl (SURR)	8.373	226693443	2036.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	4073.93%#
11) S ortho-Terphenyl (SURR)	11.384	169210423	862.755 ug/ml
Spiked Amount 50.000		Recovery =	1725.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	41690390	237.251 ug/ml
2) T Naphthalene (C11.7)	5.846	58423947	316.992 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	72454818	390.227 ug/ml
5) T Acenaphthylene (C15.06)	8.165	759286974	4461.724 ug/ml
7) T Acenaphthene (C15.5)	8.449	50639945	281.084 ug/ml
8) T Fluorene (C16.55)	9.292	317207296	1813.714 ug/ml
9) T Phenanthrene (C19.36)	10.602	173336654	1010.263 ug/ml
10) T Anthracene (C19.43)	10.762	285919868	1694.886 ug/ml
12) T Fluoranthene (C21.85)	12.450	224083305	1346.900 ug/ml
13) T Pyrene (C20.8)	12.701	59223295	367.450 ug/ml
14) T Benzo[a]anthracene (C...	14.613	17944858	127.551 ug/ml
15) T Chrysene (C27.41)	14.657	22459586	151.412 ug/ml
16) T benzo[b]fluoranthene ...	16.134	8119665	59.756 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	7963556	58.701 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	7480942	56.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	7606916	60.985 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	7227882	57.681 ug/ml
21) T Benzo[g,h,i]perylene ...	18.115	7114413	55.477 ug/ml

(f)=RT Delta > 1/2 Window

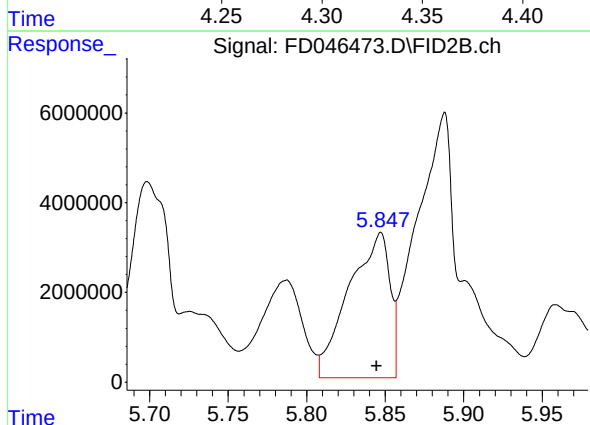
(m)=manual int.



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

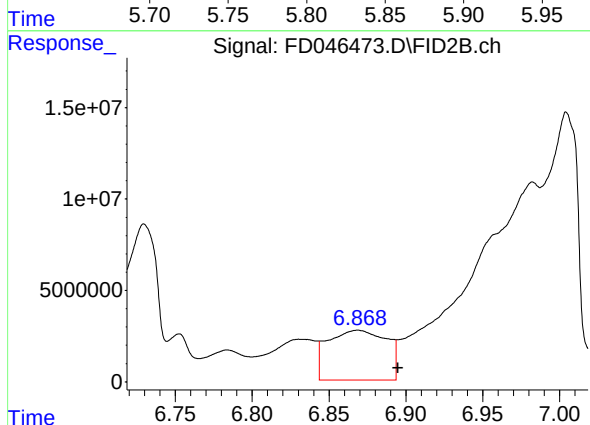
R.T.: 4.323 min
Delta R.T.: 0.008 min
Response: 41690390
Conc: 237.25 ug/ml

Instrument :
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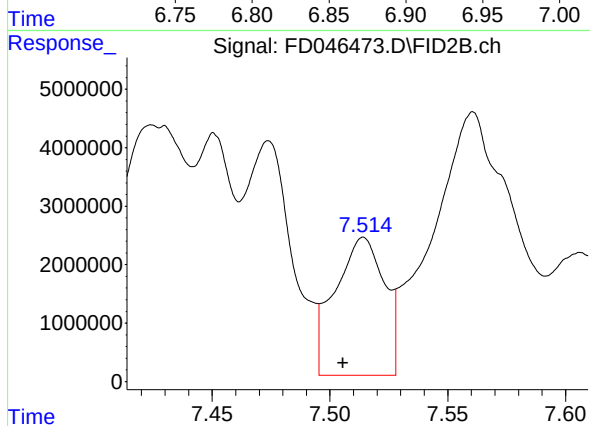
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 58423947
Conc: 316.99 ug/ml



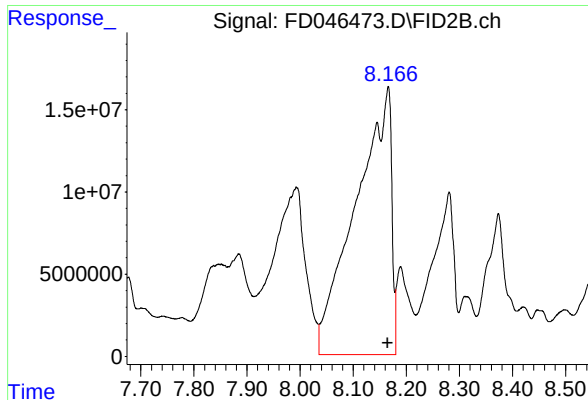
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.026 min
Response: 72454818
Conc: 390.23 ug/ml



#4 2-Bromonaphthalene (SURR)

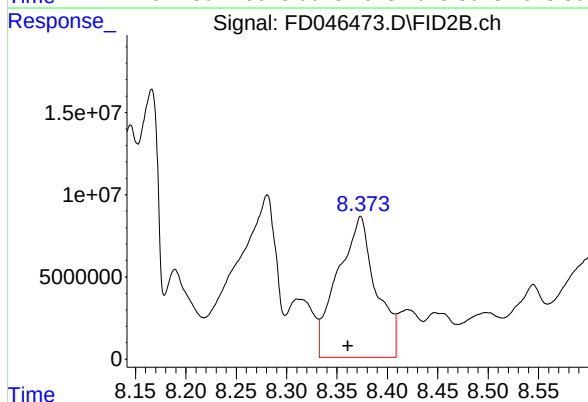
R.T.: 7.514 min
Delta R.T.: 0.009 min
Response: 34578499
Conc: 204.74 ug/ml



#5 Acenaphthylene (C15.06)

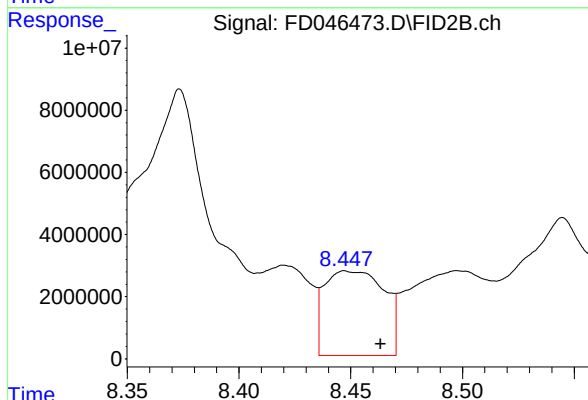
R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 759286974
Conc: 4461.72 ug/ml

Instrument :
FID_D
ClientSampleId :



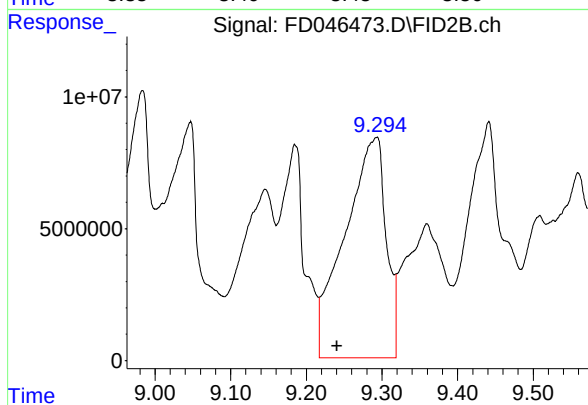
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: 0.012 min
Response: 226693443
Conc: 2036.96 ug/ml



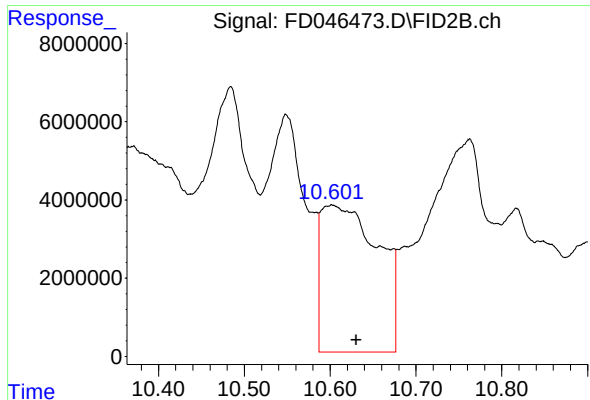
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: -0.014 min
Response: 50639945
Conc: 281.08 ug/ml



#8 Flouorene (C16.55)

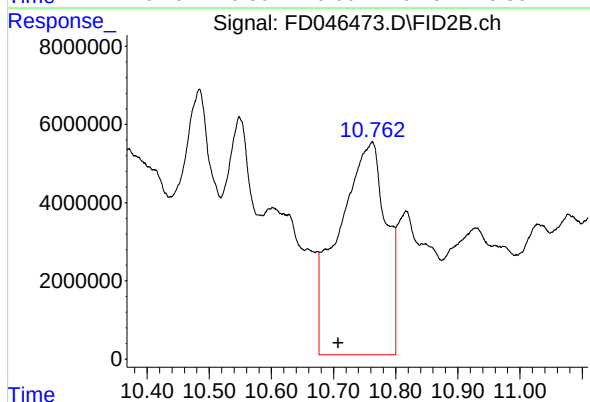
R.T.: 9.292 min
Delta R.T.: 0.051 min
Response: 317207296
Conc: 1813.71 ug/ml



#9 Phenanthrene (C19.36)

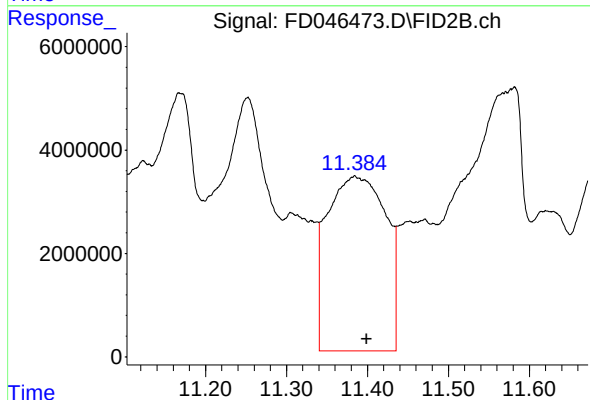
R.T.: 10.602 min
Delta R.T.: -0.028 min
Response: 173336654
Conc: 1010.26 ug/ml

Instrument :
FID_D
ClientSampleId :



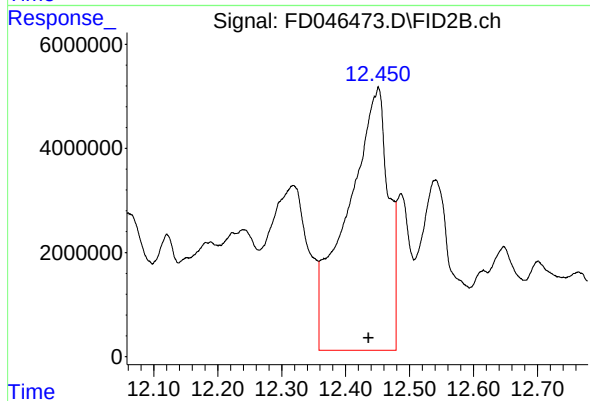
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: 0.054 min
Response: 285919868
Conc: 1694.89 ug/ml



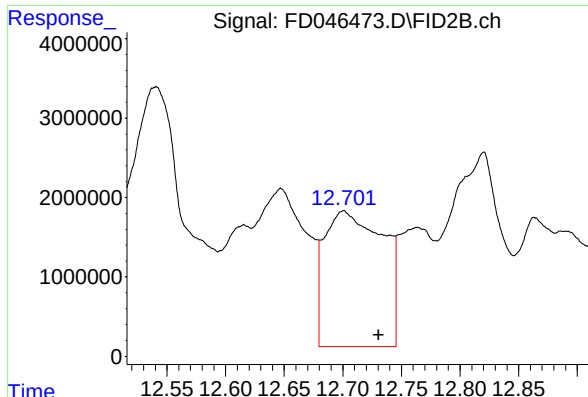
#11 ortho-Terphenyl (SURRE)

R.T.: 11.384 min
Delta R.T.: -0.015 min
Response: 169210423
Conc: 862.76 ug/ml



#12 Fluoranthene (C21.85)

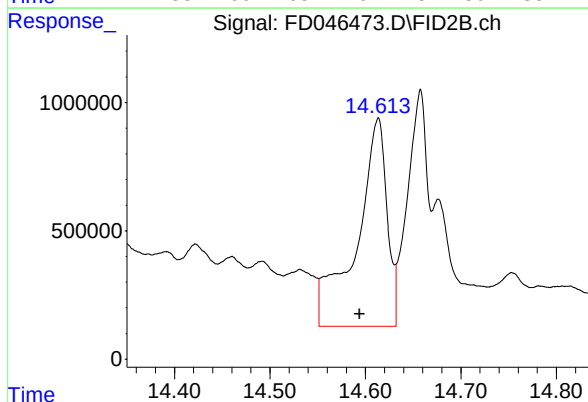
R.T.: 12.450 min
Delta R.T.: 0.015 min
Response: 224083305
Conc: 1346.90 ug/ml



#13 Pyrene (C20.8)

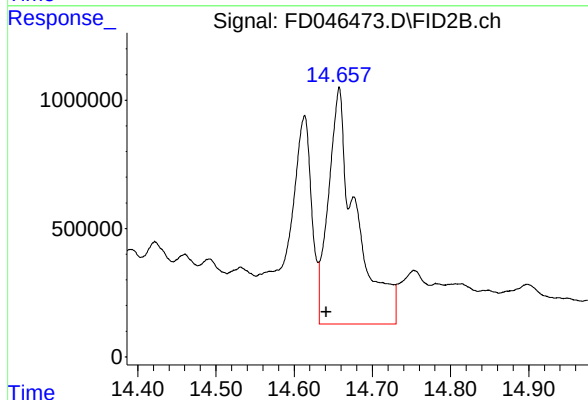
R.T.: 12.701 min
Delta R.T.: -0.030 min
Response: 59223295
Conc: 367.45 ug/ml

Instrument :
FID_D
ClientSampleId :



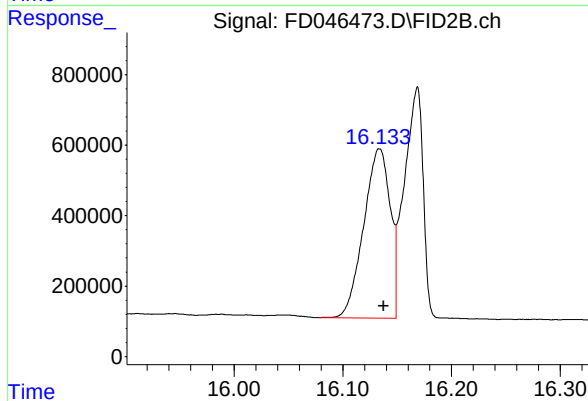
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: 0.019 min
Response: 17944858
Conc: 127.55 ug/ml



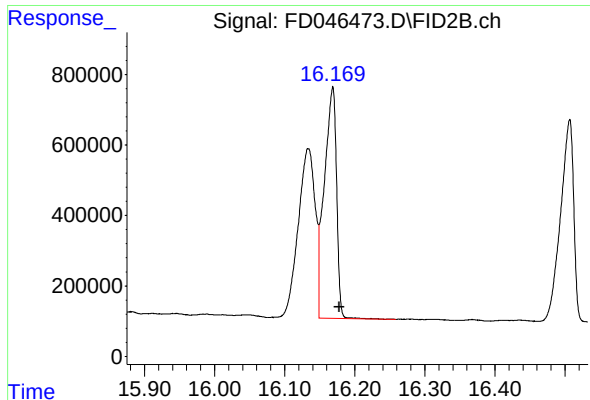
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: 0.016 min
Response: 22459586
Conc: 151.41 ug/ml



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

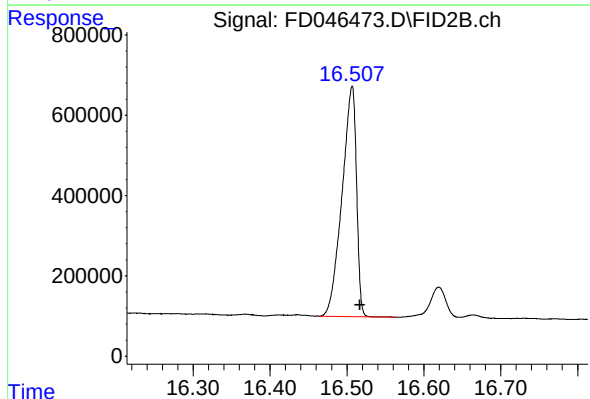
R.T.: 16.134 min
Delta R.T.: -0.004 min
Response: 8119665
Conc: 59.76 ug/ml



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

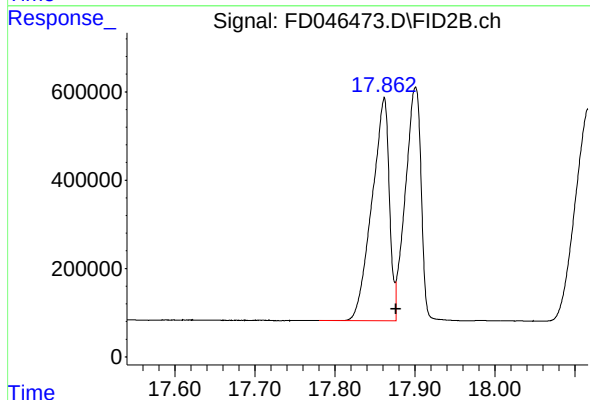
R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 7963556
Conc: 58.70 ug/ml

Instrument :
FID_D
ClientSampleId :



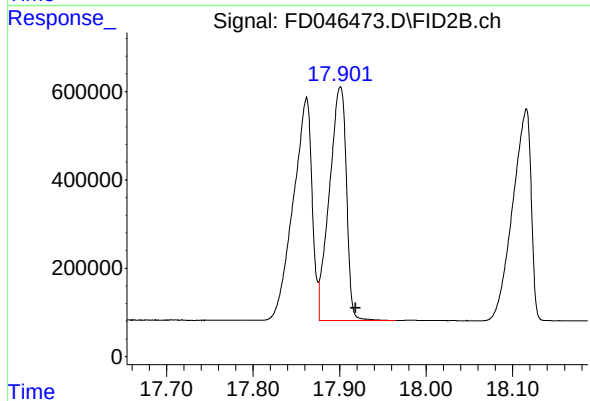
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: -0.011 min
Response: 7480942
Conc: 56.78 ug/ml



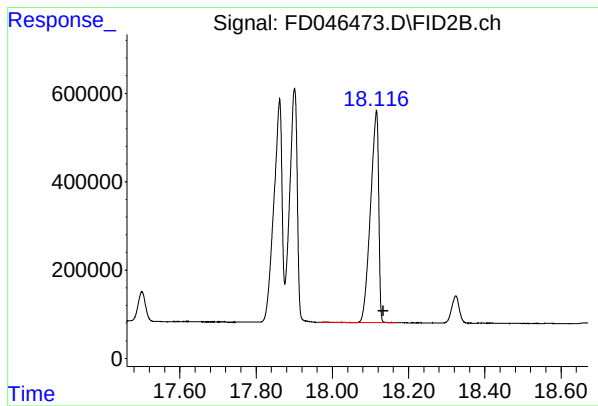
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: -0.015 min
Response: 7606916
Conc: 60.98 ug/ml



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

R.T.: 17.900 min
Delta R.T.: -0.018 min
Response: 7227882
Conc: 57.68 ug/ml



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

R.T.: 18.115 min
Delta R.T.: -0.020 min
Response: 7114413
Conc: 55.48 ug/ml

Instrument :

FID_D

ClientSampleId :