

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082823AR\
 Data File : FD046397.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 17:54
 Operator : YP/AJ
 Sample : PB155135BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155135BS

Integration File: autoint1.e
 Quant Time: Aug 28 22:33:14 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

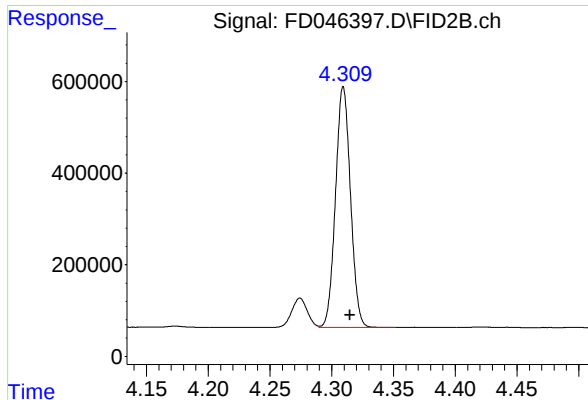
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.497	6077992	35.989 ug/ml
Spiked Amount 50.000		Recovery =	71.98%
6) S 2-Fluorobiphenyl (SURR)	8.351	3360671	30.197 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.39%
11) S ortho-Terphenyl (SURR)	11.390	6749403	34.413 ug/ml
Spiked Amount 50.000		Recovery =	68.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.309	4421359	25.161 ug/ml
2) T Naphthalene (C11.7)	5.836	5178283	28.096 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	5542676	29.852 ug/ml
5) T Acenaphthylene (C15.06)	8.155	6248480	36.717 ug/ml
7) T Acenaphthene (C15.5)	8.451	6066803	33.675 ug/ml
8) T Fluorene (C16.55)	9.229	6514200	37.247 ug/ml
9) T Phenanthrene (C19.36)	10.619	6682649	38.949 ug/ml
10) T Anthracene (C19.43)	10.694	6528669	38.701 ug/ml
12) T Fluoranthene (C21.85)	12.423	6780557	40.756 ug/ml
13) T Pyrene (C20.8)	12.718	6811799	42.264 ug/ml
14) T Benzo[a]anthracene (C...	14.582	6172075	43.871 ug/ml
15) T Chrysene (C27.41)	14.625	6070179	40.922 ug/ml
16) T benzo[b]fluoranthene ...	16.124	5892193	43.363 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	5758843	42.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.499	5469827	41.513 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.857	5396384	43.263 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	5027541	40.122 ug/ml
21) T Benzo[g,h,i]perylene ...	18.111	5163983	40.268 ug/ml

(f)=RT Delta > 1/2 Window

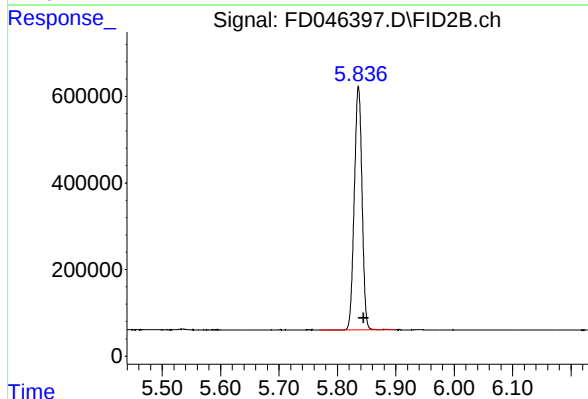
(m)=manual int.



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

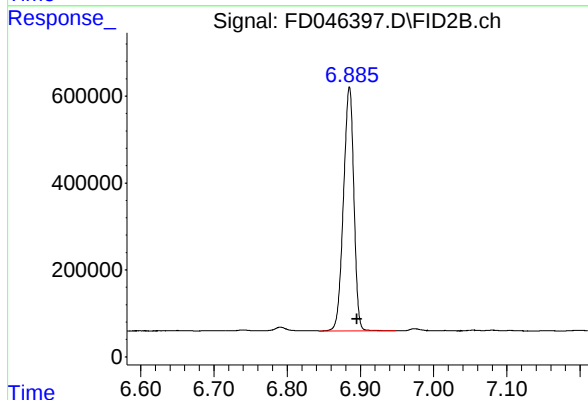
R.T.: 4.309 min
Delta R.T.: -0.006 min
Response: 4421359
Conc: 25.16 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155135BS



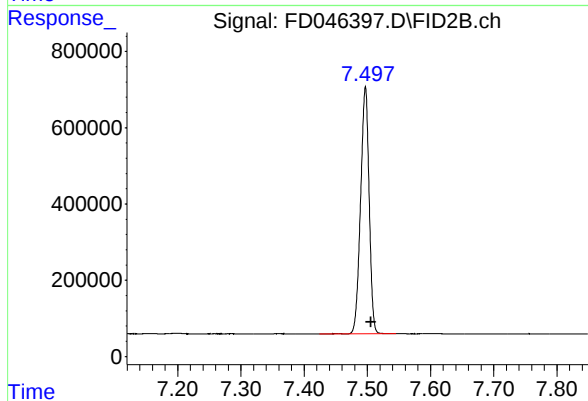
#2 Naphthalene (C11.7)

R.T.: 5.836 min
Delta R.T.: -0.009 min
Response: 5178283
Conc: 28.10 ug/ml



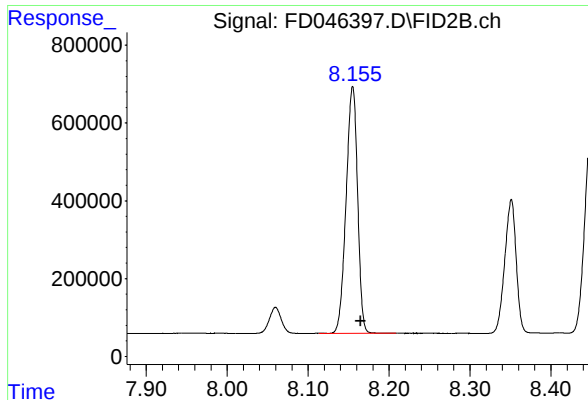
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: -0.010 min
Response: 5542676
Conc: 29.85 ug/ml



#4 2-Bromonaphthalene (SURR)

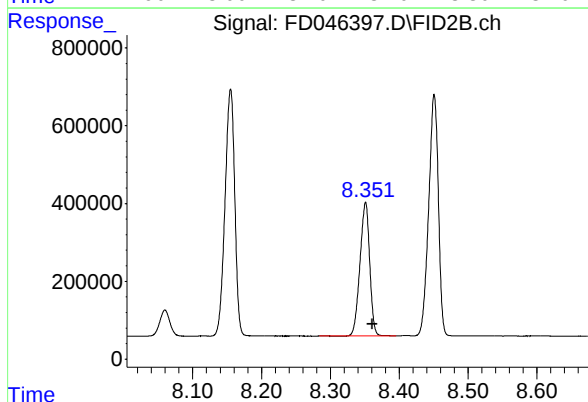
R.T.: 7.497 min
Delta R.T.: -0.009 min
Response: 6077992
Conc: 35.99 ug/ml



#5 Acenaphthylene (C15.06)

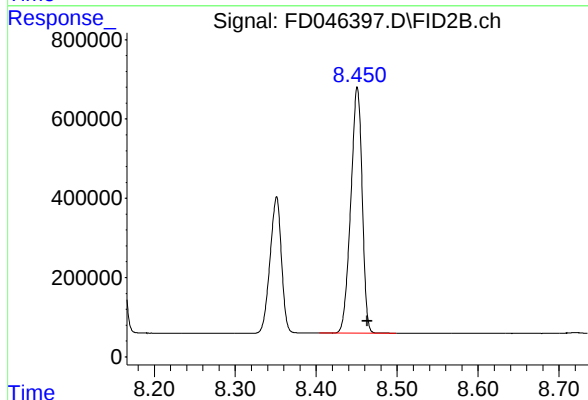
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 6248480
Conc: 36.72 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155135BS



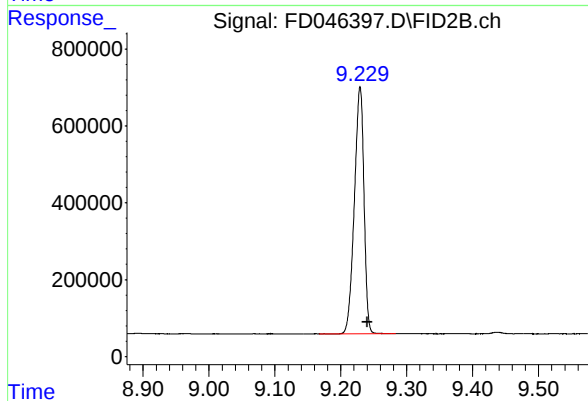
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.351 min
Delta R.T.: -0.010 min
Response: 3360671
Conc: 30.20 ug/ml



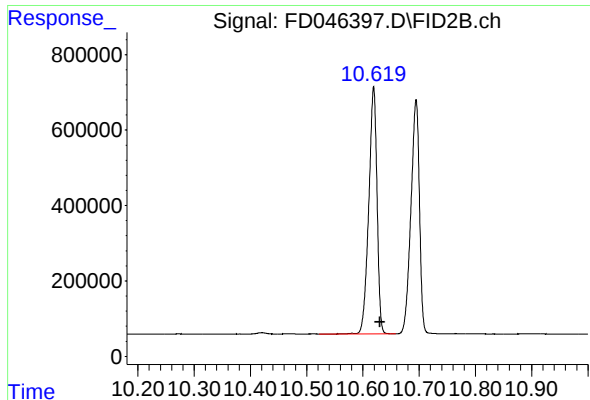
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.013 min
Response: 6066803
Conc: 33.67 ug/ml



#8 Flouorene (C16.55)

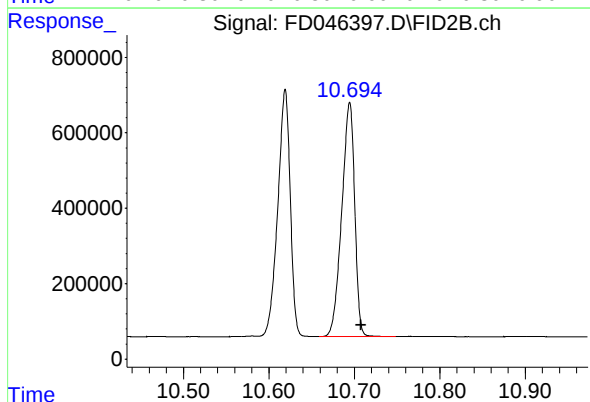
R.T.: 9.229 min
Delta R.T.: -0.012 min
Response: 6514200
Conc: 37.25 ug/ml



#9 Phenanthrene (C19.36)

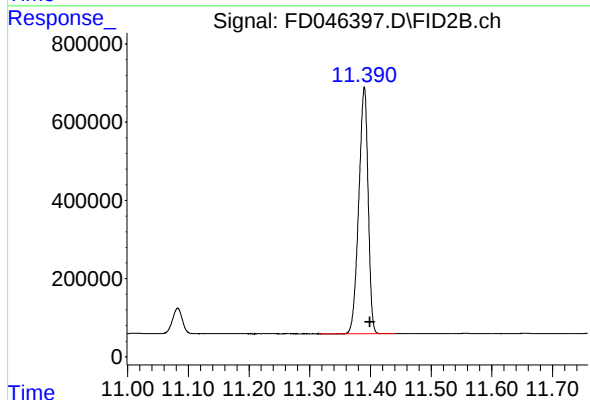
R.T.: 10.619 min
Delta R.T.: -0.011 min
Response: 6682649
Conc: 38.95 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155135BS



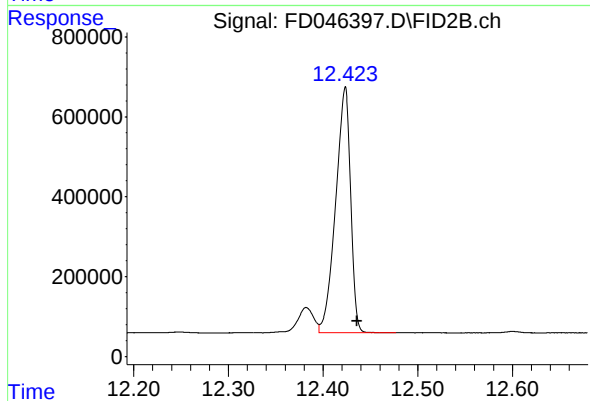
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.014 min
Response: 6528669
Conc: 38.70 ug/ml



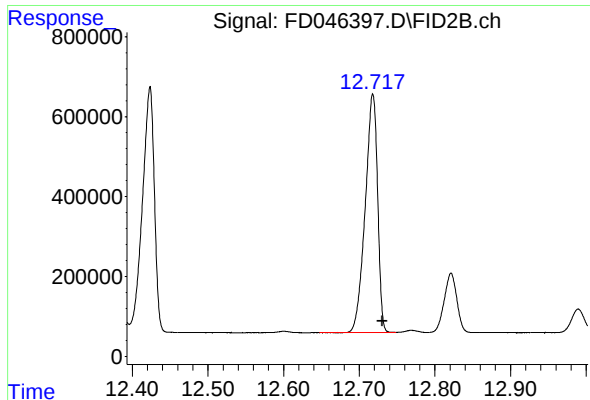
#11 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.010 min
Response: 6749403
Conc: 34.41 ug/ml



#12 Fluoranthene (C21.85)

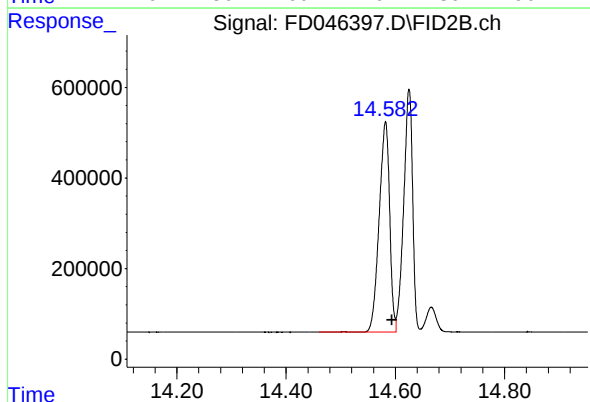
R.T.: 12.423 min
Delta R.T.: -0.013 min
Response: 6780557
Conc: 40.76 ug/ml



#13 Pyrene (C20.8)

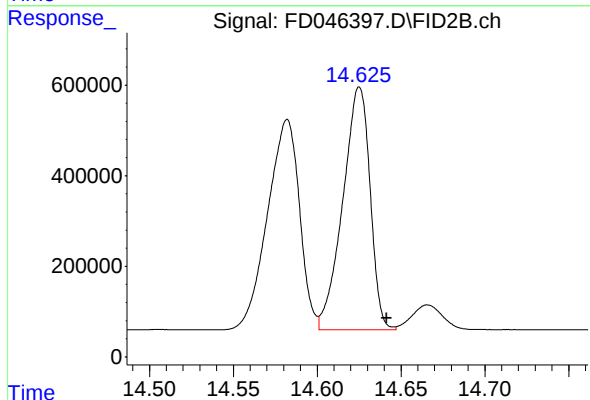
R.T.: 12.718 min
Delta R.T.: -0.013 min
Response: 6811799
Conc: 42.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155135BS



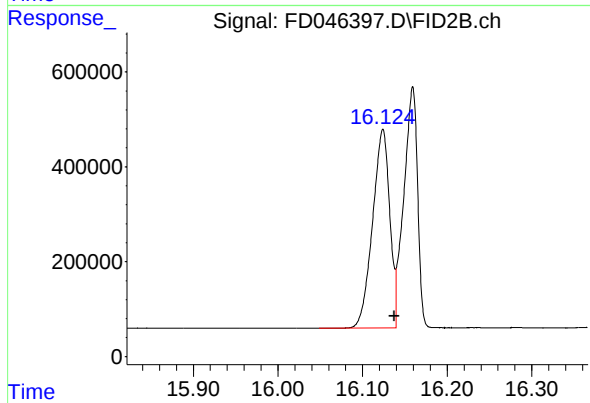
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.012 min
Response: 6172075
Conc: 43.87 ug/ml



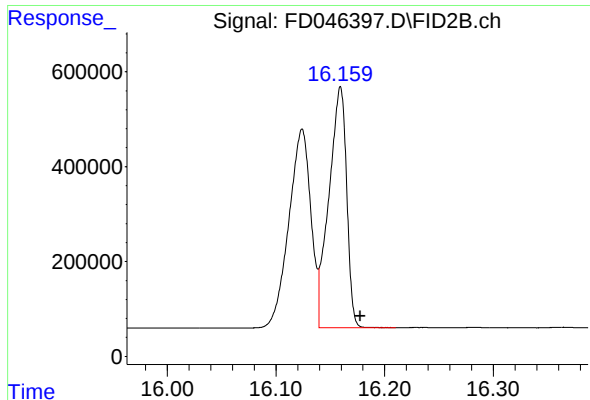
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: -0.016 min
Response: 6070179
Conc: 40.92 ug/ml



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

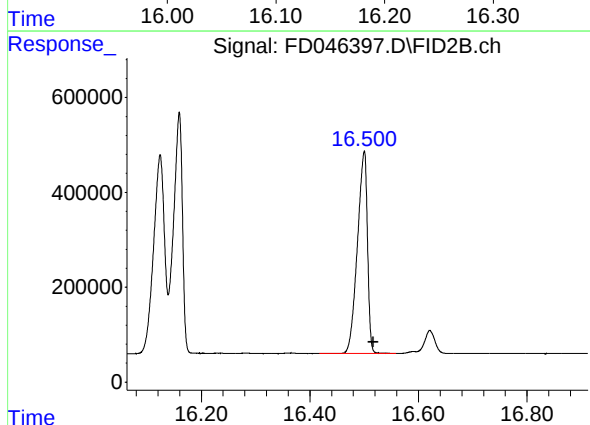
R.T.: 16.124 min
Delta R.T.: -0.014 min
Response: 5892193
Conc: 43.36 ug/ml



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

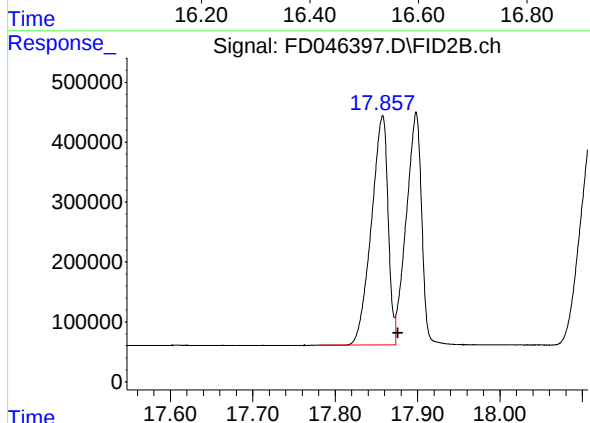
R.T.: 16.159 min
Delta R.T.: -0.019 min
Response: 5758843
Conc: 42.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155135BS



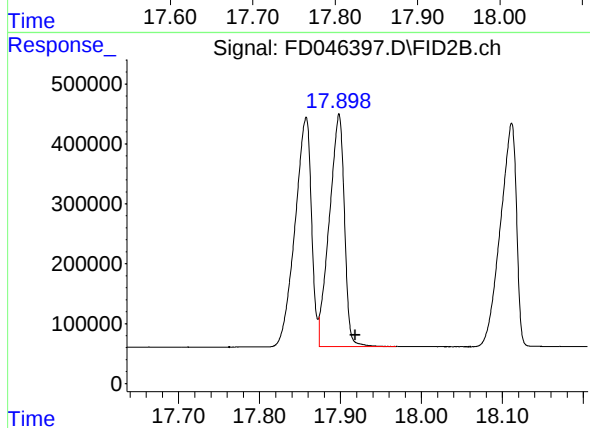
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.499 min
Delta R.T.: -0.018 min
Response: 5469827
Conc: 41.51 ug/ml



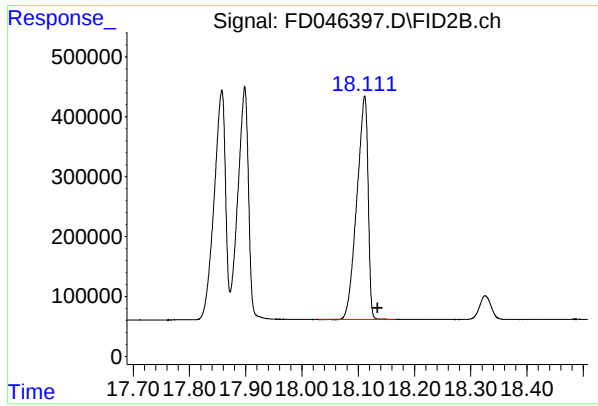
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.857 min
Delta R.T.: -0.020 min
Response: 5396384
Conc: 43.26 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.021 min
Response: 5027541
Conc: 40.12 ug/ml



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

R.T.: 18.111 min

Delta R.T.: -0.024 min

Response: 5163983

Conc: 40.27 ug/ml

Instrument :

FID_D

ClientSampleId :

PB155135BS