

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047925.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 01:06
 Operator : YP/AJ
 Sample : P2847-08
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 05:26:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

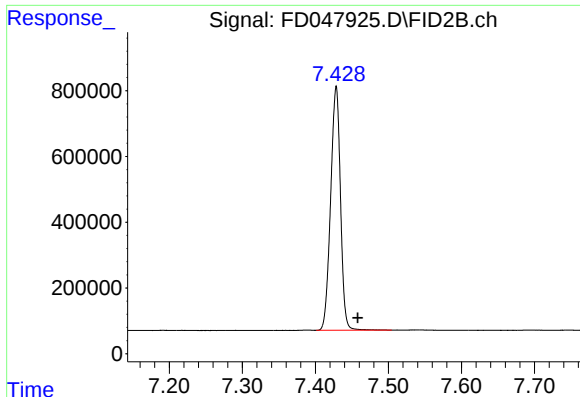
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.428	6936078	49.405 ug/ml
Spiked Amount 50.000		Recovery =	98.81%
6) S 2-Fluorobiphenyl (SURR)	8.340	51681	0.558 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.12%
11) S ortho-Terphenyl (SURR)	11.377	4414577	27.611 ug/ml
Spiked Amount 50.000		Recovery =	55.22%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.087	55140	0.337 ug/ml
7) T Acenaphthene (C15.5)	8.377	158874	0.973 ug/ml
8) T Fluorene (C16.55)	9.158	389889	2.478 ug/ml
9) T Phenanthrene (C19.36)	10.545	6672728	43.271 ug/ml
10) T Anthracene (C19.43)	10.620	2987214	19.871 ug/ml
12) T Fluoranthene (C21.85)	12.413	4119085	27.143 ug/ml
13) T Pyrene (C20.8)	12.706	3080915	20.437 ug/ml
14) T Benzo[a]anthracene (C...	14.555	4183597	30.519 ug/ml
15) T Chrysene (C27.41)	14.610	843227	5.724 ug/ml
16) T benzo[b]fluoranthene ...	16.063	5382133	38.241 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188f	711042	5.221 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	217134	1.569 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	539996	4.684 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	743833	5.578 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	1954492	14.697 ug/ml

(f)=RT Delta > 1/2 Window

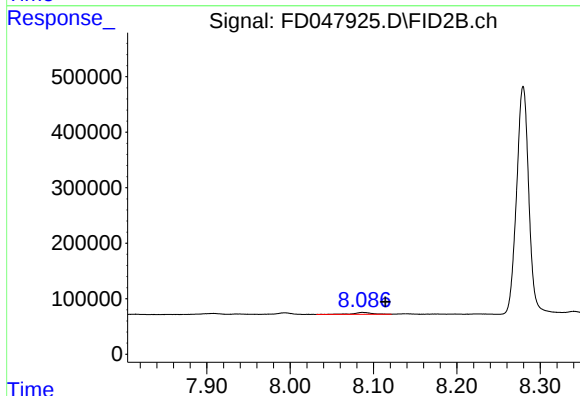
(m)=manual int.



#4 2-Bromonaphthalene (SURRE)

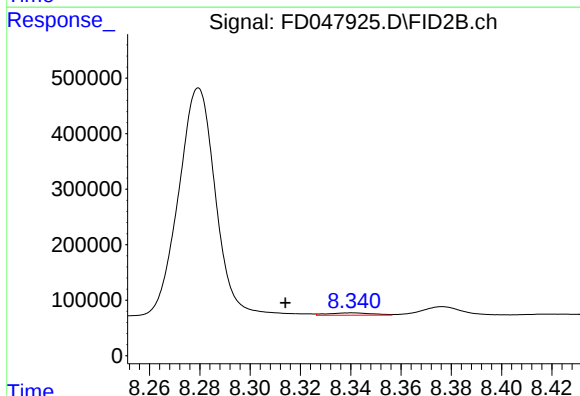
R.T.: 7.428 min
Delta R.T.: -0.030 min
Response: 6936078
Conc: 49.41 ug/ml

Instrument :
FID_D
ClientSampleId :



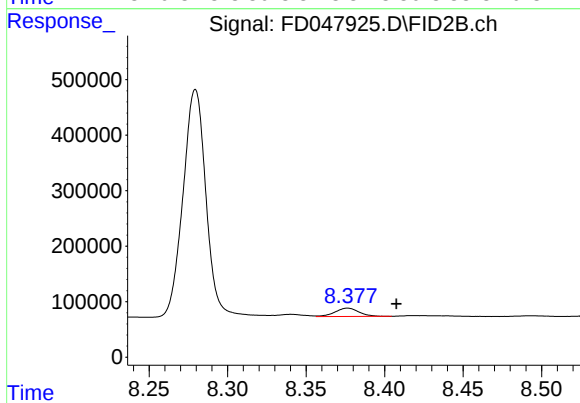
#5 Acenaphthylene (C15.06)

R.T.: 8.087 min
Delta R.T.: -0.027 min
Response: 55140
Conc: 0.34 ug/ml



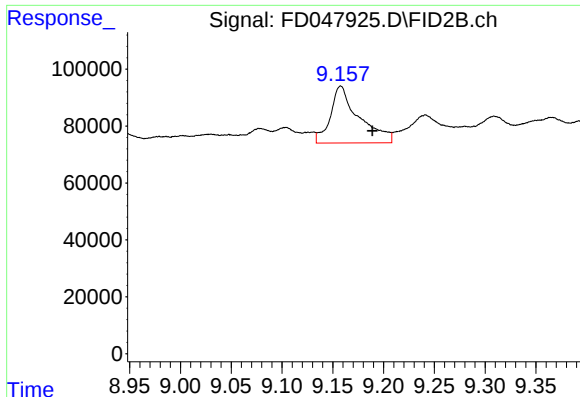
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.340 min
Delta R.T.: 0.026 min
Response: 51681
Conc: 0.56 ug/ml



#7 Acenaphthene (C15.5)

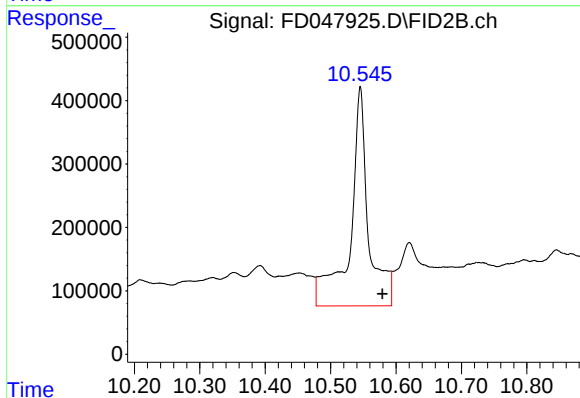
R.T.: 8.377 min
Delta R.T.: -0.031 min
Response: 158874
Conc: 0.97 ug/ml



#8 Flouorene (C16.55)

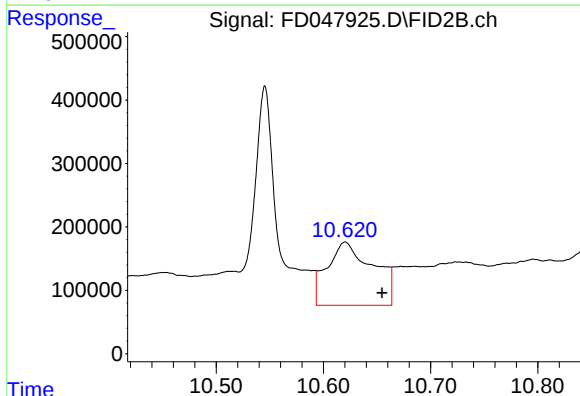
R.T.: 9.158 min
Delta R.T.: -0.031 min
Response: 389889
Conc: 2.48 ug/ml

Instrument :
FID_D
ClientSampleId :



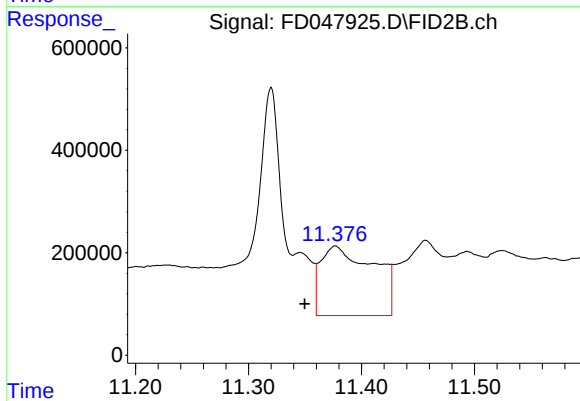
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.034 min
Response: 6672728
Conc: 43.27 ug/ml



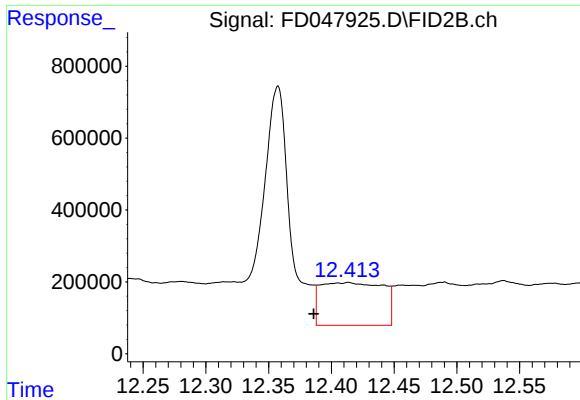
#10 Anthracene (C19.43)

R.T.: 10.620 min
Delta R.T.: -0.034 min
Response: 2987214
Conc: 19.87 ug/ml



#11 ortho-Terphenyl (SURR)

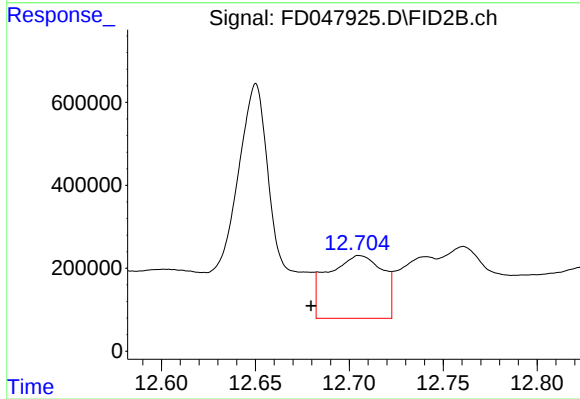
R.T.: 11.377 min
Delta R.T.: 0.027 min
Response: 4414577
Conc: 27.61 ug/ml



#12 Fluoranthene (C21.85)

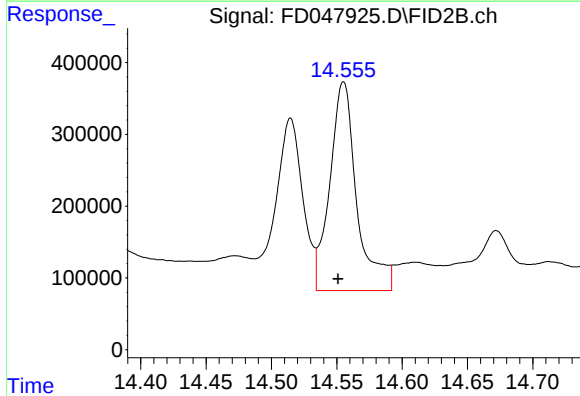
R.T.: 12.413 min
Delta R.T.: 0.027 min
Response: 4119085
Conc: 27.14 ug/ml

Instrument :
FID_D
ClientSampleId :



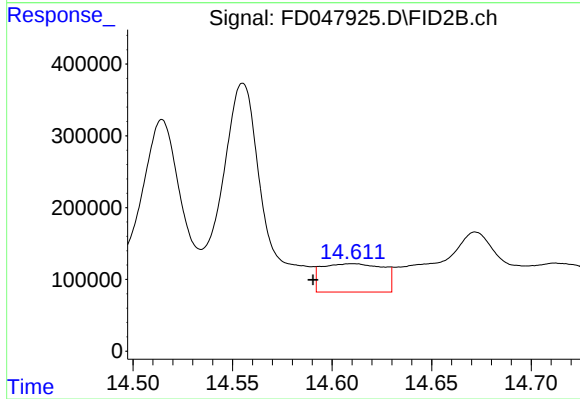
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: 0.026 min
Response: 3080915
Conc: 20.44 ug/ml



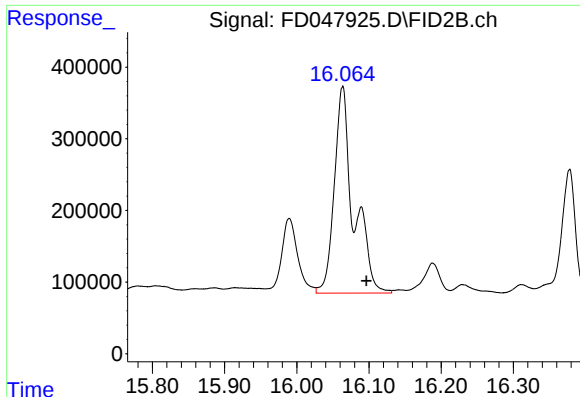
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.004 min
Response: 4183597
Conc: 30.52 ug/ml



#15 Chrysene (C27.41)

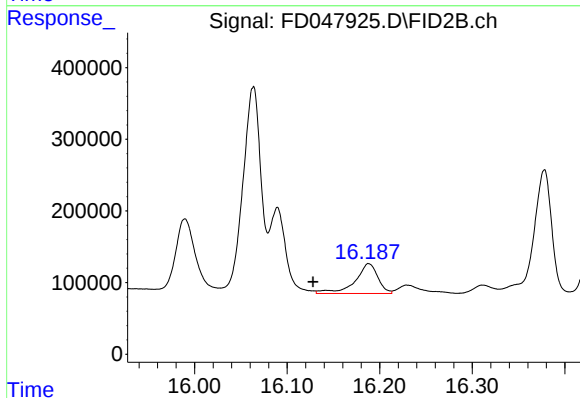
R.T.: 14.610 min
Delta R.T.: 0.020 min
Response: 843227
Conc: 5.72 ug/ml



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

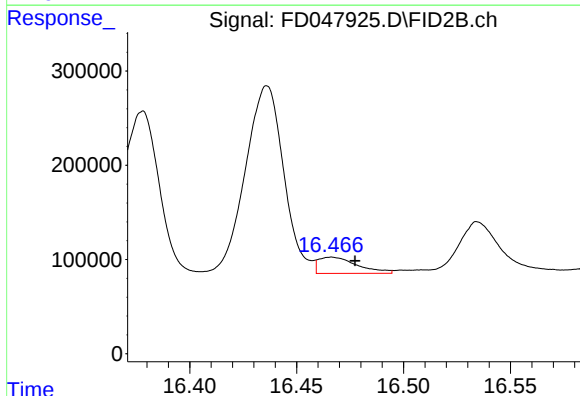
R.T.: 16.063 min
Delta R.T.: -0.033 min
Response: 5382133
Conc: 38.24 ug/ml

Instrument :
FID_D
ClientSampleId :



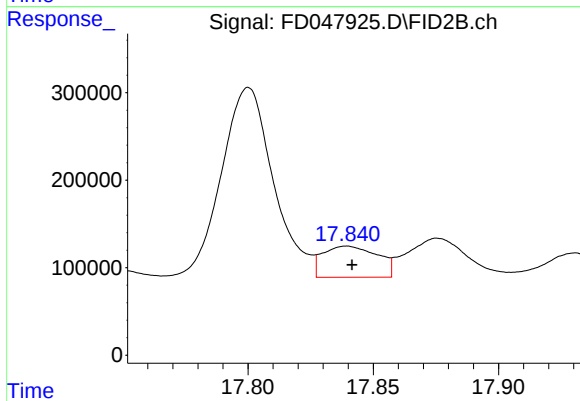
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.188 min
Delta R.T.: 0.060 min
Response: 711042
Conc: 5.22 ug/ml



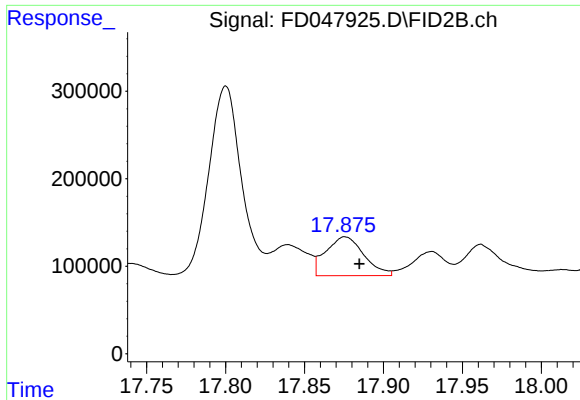
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: -0.011 min
Response: 217134
Conc: 1.57 ug/ml



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

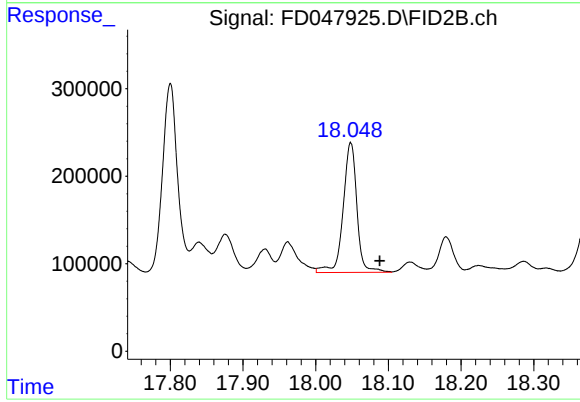
R.T.: 17.840 min
Delta R.T.: -0.002 min
Response: 539996
Conc: 4.68 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.009 min
Response: 743833
Conc: 5.58 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.048 min
Delta R.T.: -0.040 min
Response: 1954492
Conc: 14.70 ug/ml