

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037431.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 14:23
 Operator : DD\AJ
 Sample : M2262-02
 Misc : LOQ-SOIL- 5 PPM
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Integration File: autoint1.e
 Quant Time: May 11 04:03:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

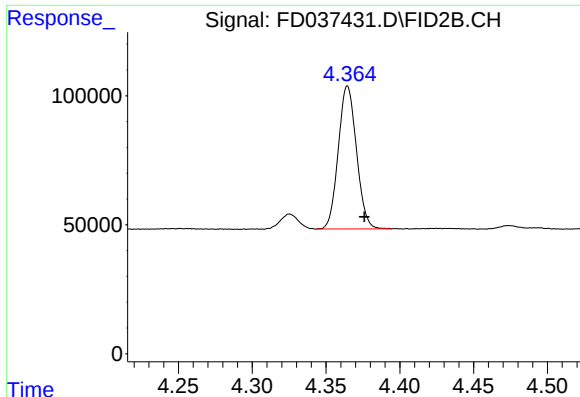
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.566	5331325	45.090 ug/ml
Spiked Amount 50.000		Recovery =	90.18%
6) S 2-Fluorobiphenyl (SURR)	8.427	3243170	42.031 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	84.06%
11) S ortho-Terphenyl (SURR)	11.470	7112898	57.587 ug/ml
Spiked Amount 50.000		Recovery =	115.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	475414	3.575 ug/ml
2) T Naphthalene (C11.7)	5.901	512252	3.726 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	517371	3.858 ug/ml
5) T Acenaphthylene (C15.06)	8.227	479121	3.830 ug/ml
7) T Acenaphthene (C15.5)	8.522	504232	3.902 ug/ml
8) T Fluorene (C16.55)	9.302	518495	4.233 ug/ml
9) T Phenanthrene (C19.36)	10.696	613959	5.208 ug/ml
10) T Anthracene (C19.43)	10.771	590357	5.125 ug/ml
12) T Fluoranthene (C21.85)	12.506	713347	6.116 ug/ml
13) T Pyrene (C20.8)	12.803	720809	6.261 ug/ml
14) T Benzo[a]anthracene (C...	14.672	626127	5.689 ug/ml
15) T Chrysene (C27.41)	14.714	633138	5.593 ug/ml
16) T benzo[b]fluoranthene ...	16.222	735046	6.553 ug/ml
17) T Bnezo[k]fluoranthene ...	16.252	711389	6.605 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.599	699549	6.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	615591	5.787 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	635421	6.082 ug/ml
21) T Benzo[g,h,i]perylene ...	18.215	695736	6.514 ug/ml

(f)=RT Delta > 1/2 Window

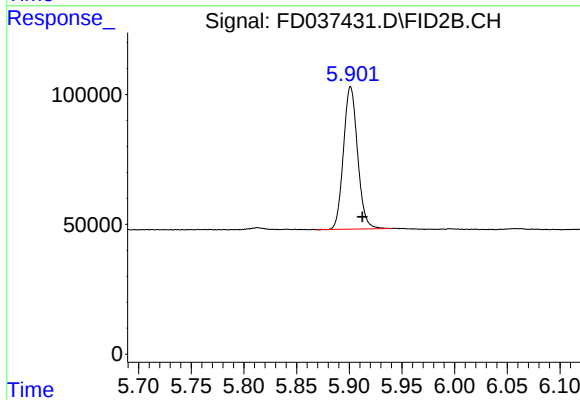
(m)=manual int.



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

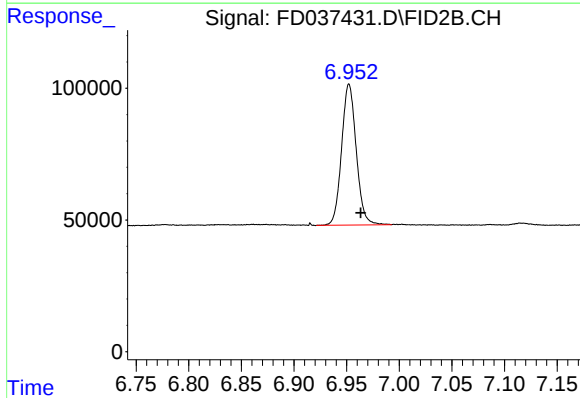
R.T.: 4.365 min
Delta R.T.: -0.011 min
Response: 475414
Conc: 3.58 ug/ml

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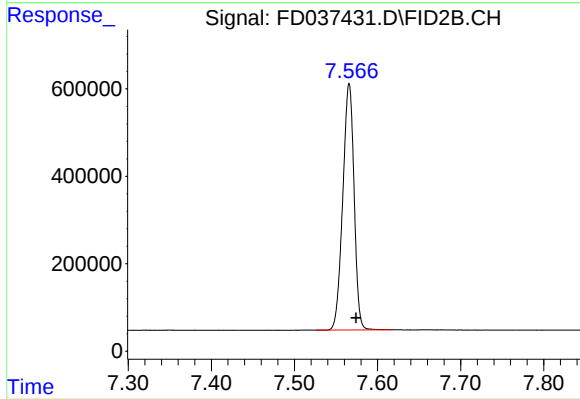
#2 Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 512252
Conc: 3.73 ug/ml



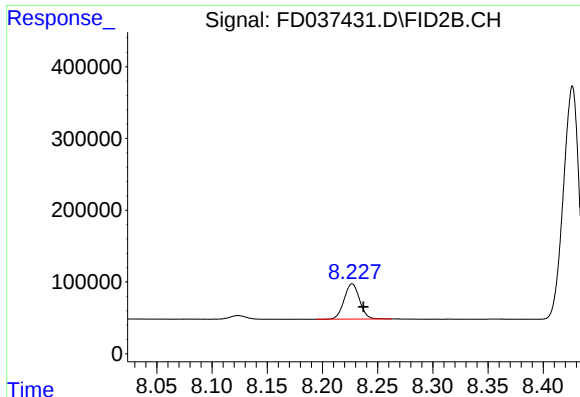
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.011 min
Response: 517371
Conc: 3.86 ug/ml



#4 2-Bromonaphthalene (SURR)

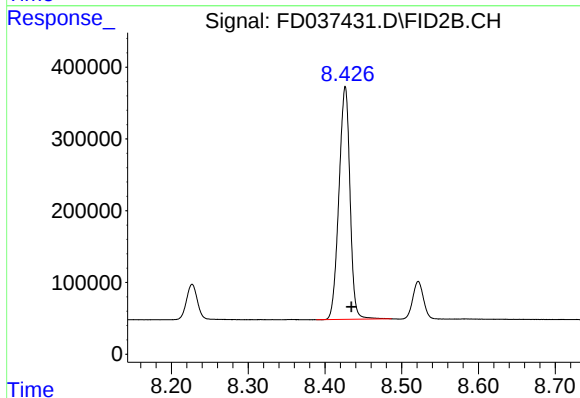
R.T.: 7.566 min
Delta R.T.: -0.008 min
Response: 5331325
Conc: 45.09 ug/ml



#5 Acenaphthylene (C15.06)

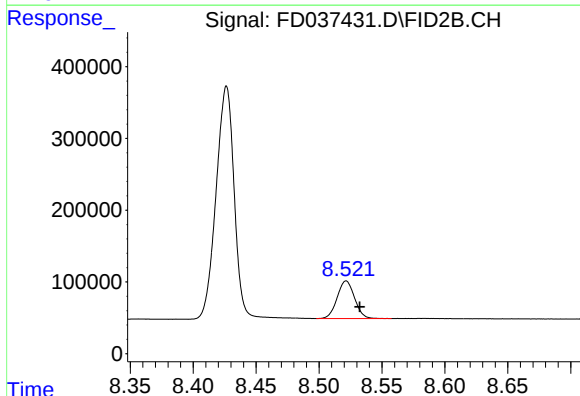
R.T.: 8.227 min
Delta R.T.: -0.010 min
Response: 479121
Conc: 3.83 ug/ml

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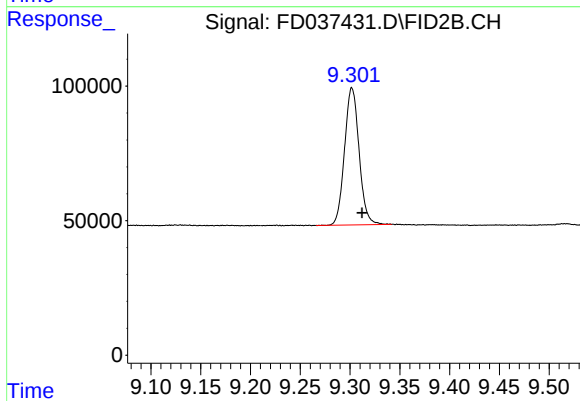
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.427 min
Delta R.T.: -0.008 min
Response: 3243170
Conc: 42.03 ug/ml



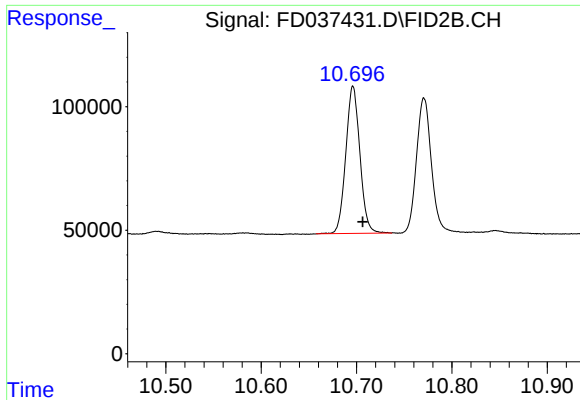
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: -0.011 min
Response: 504232
Conc: 3.90 ug/ml



#8 Fluorene (C16.55)

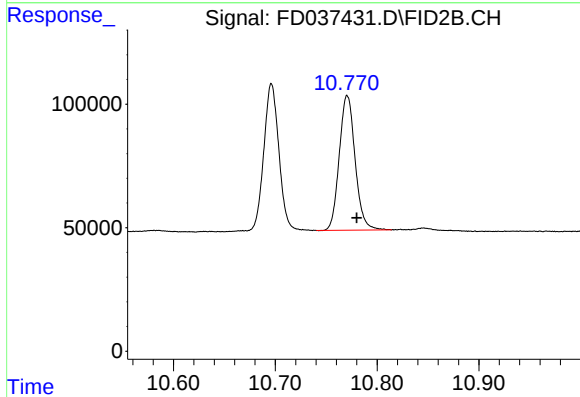
R.T.: 9.302 min
Delta R.T.: -0.010 min
Response: 518495
Conc: 4.23 ug/ml



#9 Phenanthrene (C19.36)

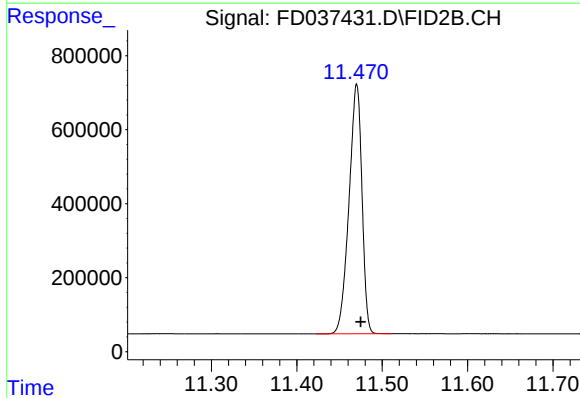
R.T.: 10.696 min
Delta R.T.: -0.010 min
Response: 613959
Conc: 5.21 ug/ml

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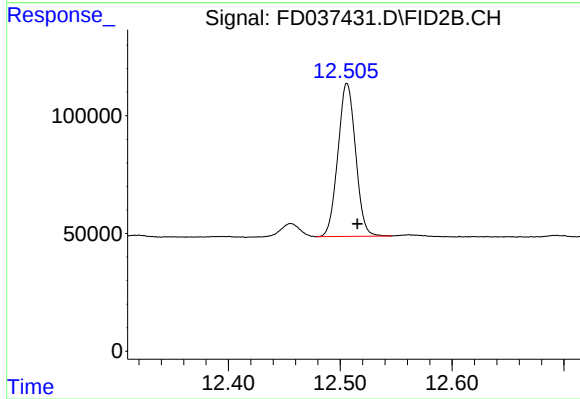
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.009 min
Response: 590357
Conc: 5.13 ug/ml



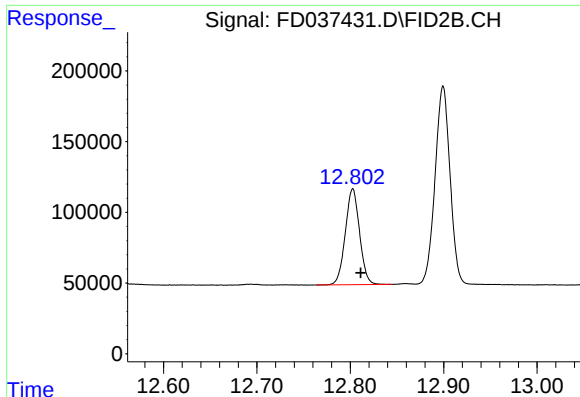
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.005 min
Response: 7112898
Conc: 57.59 ug/ml



#12 Fluoranthene (C21.85)

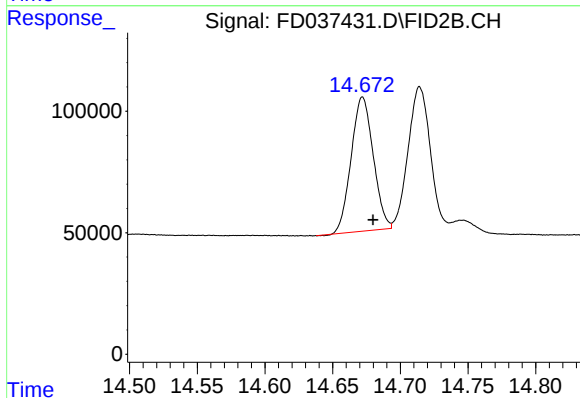
R.T.: 12.506 min
Delta R.T.: -0.009 min
Response: 713347
Conc: 6.12 ug/ml



#13 Pyrene (C20.8)

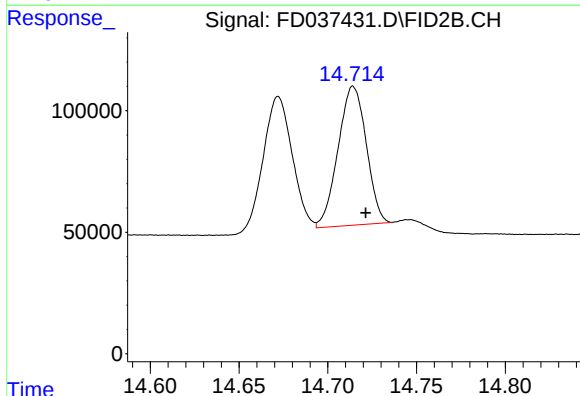
R.T.: 12.803 min
Delta R.T.: -0.008 min
Response: 720809
Conc: 6.26 ug/ml

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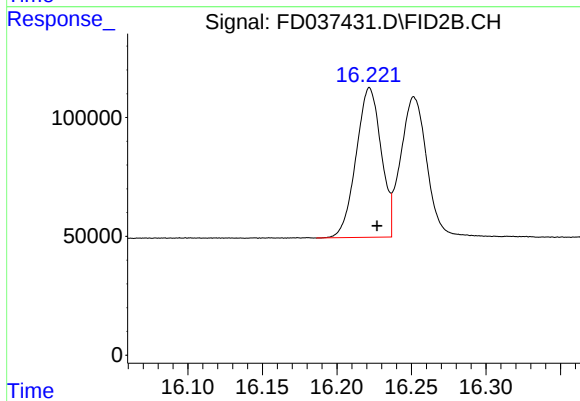
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.672 min
Delta R.T.: -0.008 min
Response: 626127
Conc: 5.69 ug/ml



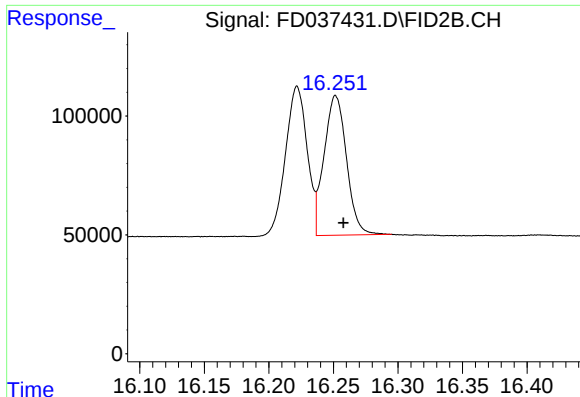
#15 Chrysene (C27.41)

R.T.: 14.714 min
Delta R.T.: -0.007 min
Response: 633138
Conc: 5.59 ug/ml



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

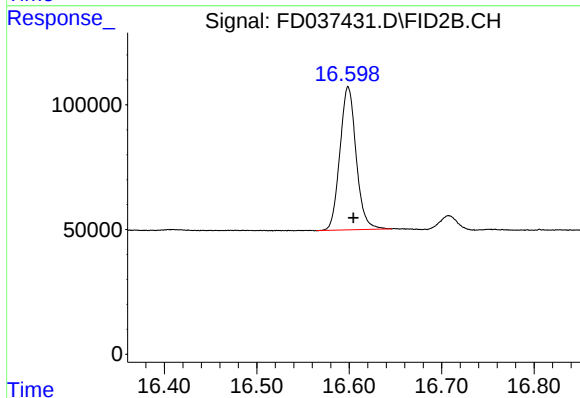
R.T.: 16.222 min
Delta R.T.: -0.005 min
Response: 735046
Conc: 6.55 ug/ml



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

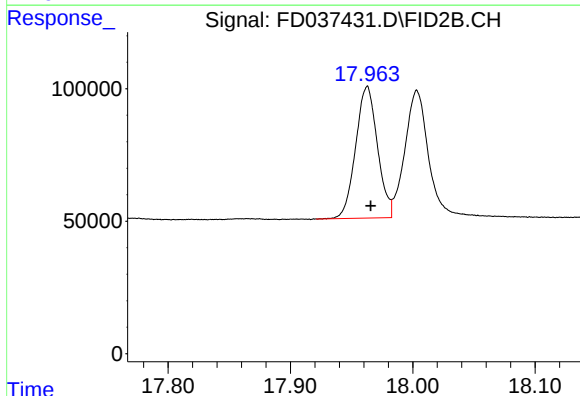
R.T.: 16.252 min
Delta R.T.: -0.006 min
Response: 711389
Conc: 6.60 ug/ml

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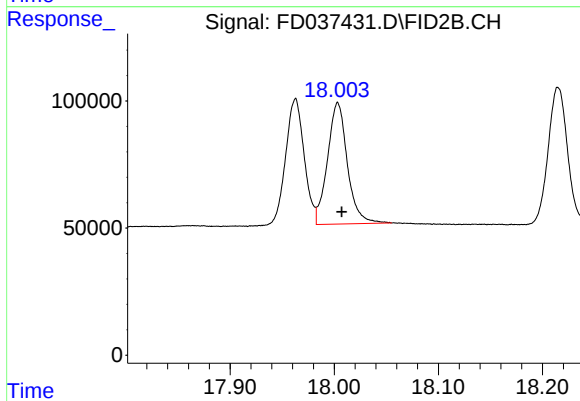
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.599 min
Delta R.T.: -0.006 min
Response: 699549
Conc: 6.76 ug/ml



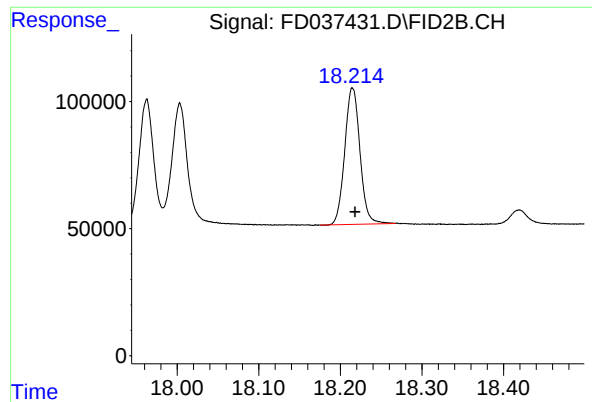
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.963 min
Delta R.T.: -0.003 min
Response: 615591
Conc: 5.79 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.004 min
Response: 635421
Conc: 6.08 ug/ml



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

R.T.: 18.215 min
Delta R.T.: -0.003 min
Response: 695736
Conc: 6.51 ug/ml

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