

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037435.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 17:00
 Operator : DD\AJ
 Sample : M2262-08
 Misc : LOQ-WATER- 5 PPM
 ALS Vial : 63 Sample Multiplier: 1

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

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Integration File: autoint1.e
 Quant Time: May 11 04:04:29 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

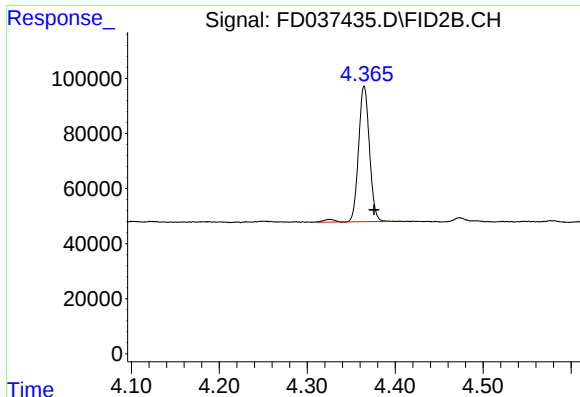
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.564	4755058	40.216 ug/ml
Spiked Amount 50.000		Recovery =	80.43%
6) S 2-Fluorobiphenyl (SURR)	8.424	2847926	36.908 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.82%
11) S ortho-Terphenyl (SURR)	11.467	6582796	53.295 ug/ml
Spiked Amount 50.000		Recovery =	106.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	429871	3.233 ug/ml
2) T Naphthalene (C11.7)	5.901	453317	3.298 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	459168	3.424 ug/ml
5) T Acenaphthylene (C15.06)	8.225	423698	3.387 ug/ml
7) T Acenaphthene (C15.5)	8.520	445488	3.447 ug/ml
8) T Fluorene (C16.55)	9.300	467222	3.814 ug/ml
9) T Phenanthrene (C19.36)	10.694	560569	4.755 ug/ml
10) T Anthracene (C19.43)	10.768	539390	4.683 ug/ml
12) T Fluoranthene (C21.85)	12.504	656663	5.630 ug/ml
13) T Pyrene (C20.8)	12.800	671241	5.831 ug/ml
14) T Benzo[a]anthracene (C...	14.670	618879	5.623 ug/ml
15) T Chrysene (C27.41)	14.713	702211	6.203 ug/ml
16) T benzo[b]fluoranthene ...	16.220	683603	6.095 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	673994	6.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.598	648866	6.269 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.962	572048	5.378 ug/ml
20) T Dibenz[a,h]anthracene...	18.002	729205	6.979 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.215	636895	5.963 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



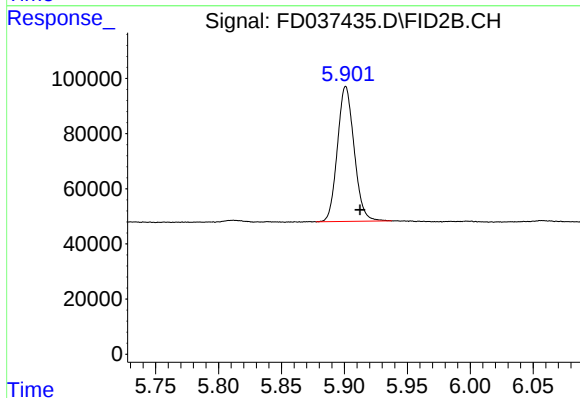
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.011 min
Response: 429871
Conc: 3.23 ug/ml

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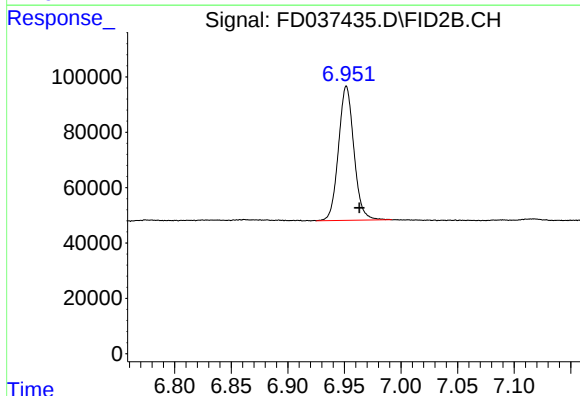
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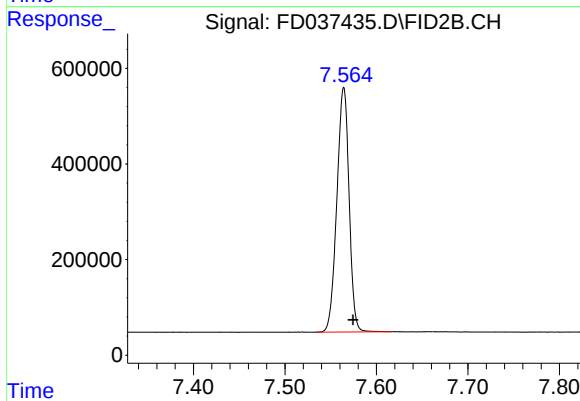
#2 Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 453317
Conc: 3.30 ug/ml



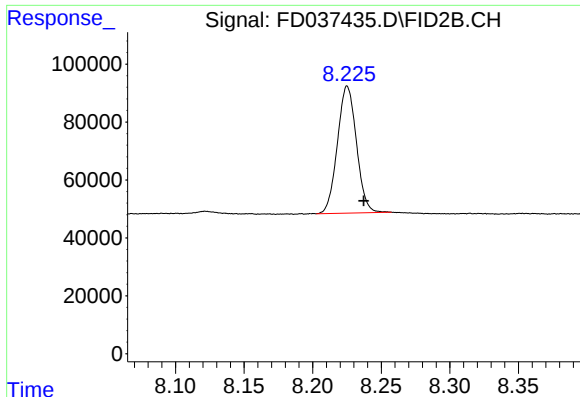
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.012 min
Response: 459168
Conc: 3.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.564 min
Delta R.T.: -0.010 min
Response: 4755058
Conc: 40.22 ug/ml



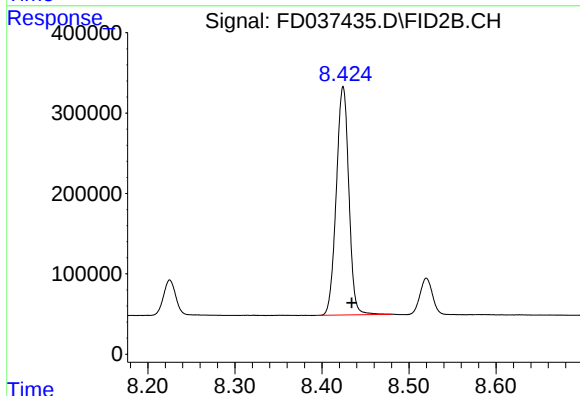
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.012 min
Response: 423698
Conc: 3.39 ug/ml

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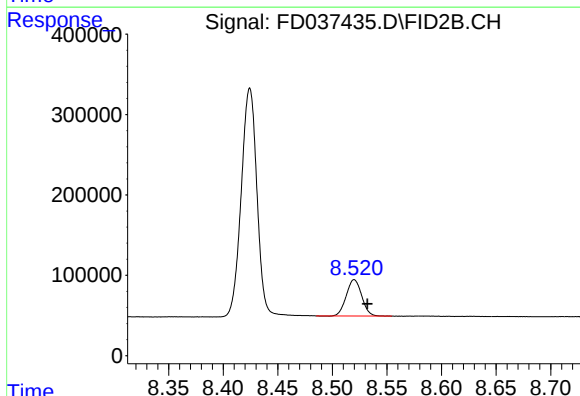
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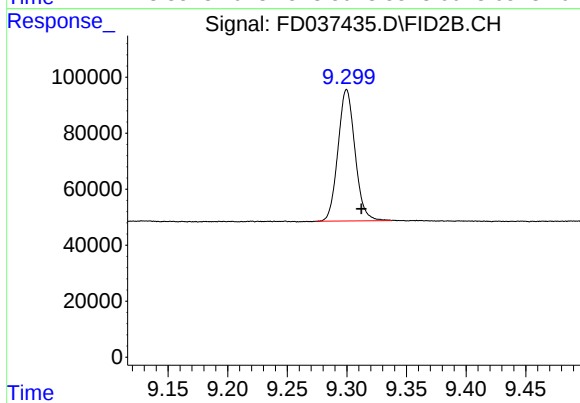
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.424 min
Delta R.T.: -0.010 min
Response: 2847926
Conc: 36.91 ug/ml



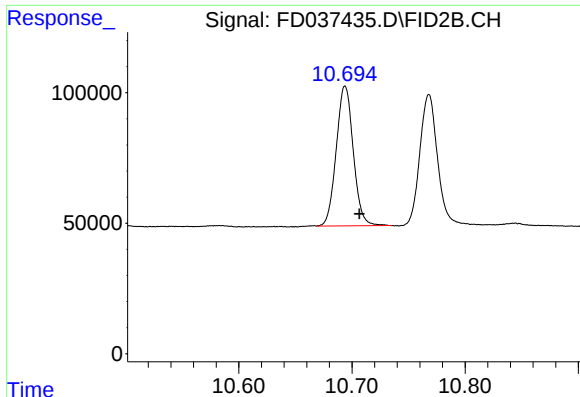
#7 Acenaphthene (C15.5)

R.T.: 8.520 min
Delta R.T.: -0.012 min
Response: 445488
Conc: 3.45 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.300 min
Delta R.T.: -0.012 min
Response: 467222
Conc: 3.81 ug/ml



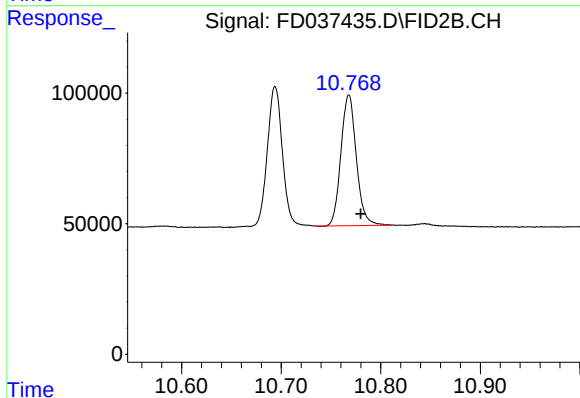
#9 Phenanthrene (C19.36)

R.T.: 10.694 min
Delta R.T.: -0.013 min
Response: 560569
Conc: 4.76 ug/ml

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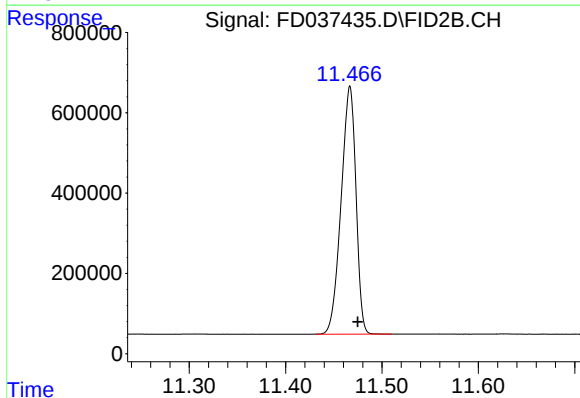
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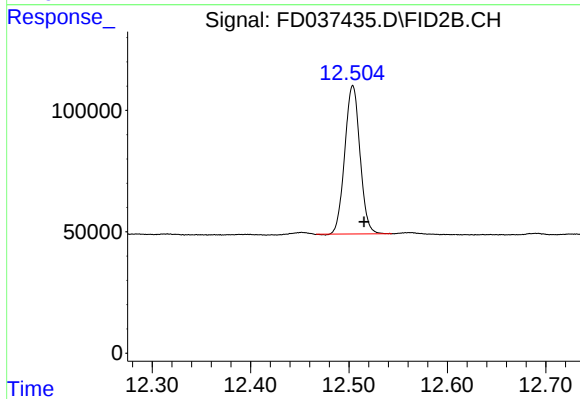
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.012 min
Response: 539390
Conc: 4.68 ug/ml



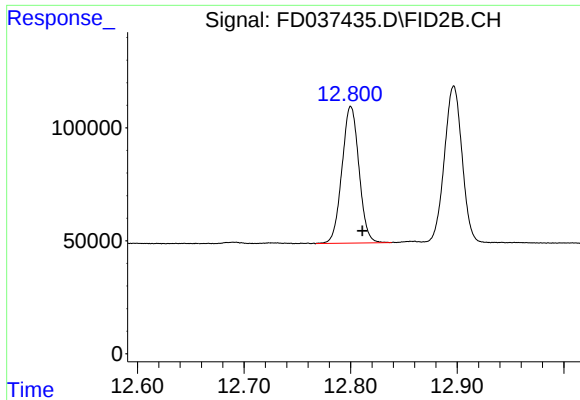
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: -0.008 min
Response: 6582796
Conc: 53.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.504 min
Delta R.T.: -0.011 min
Response: 656663
Conc: 5.63 ug/ml



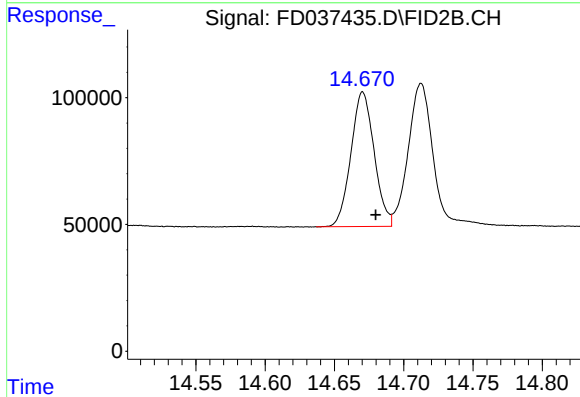
#13 Pyrene (C20.8)

R.T.: 12.800 min
Delta R.T.: -0.011 min
Response: 671241
Conc: 5.83 ug/ml

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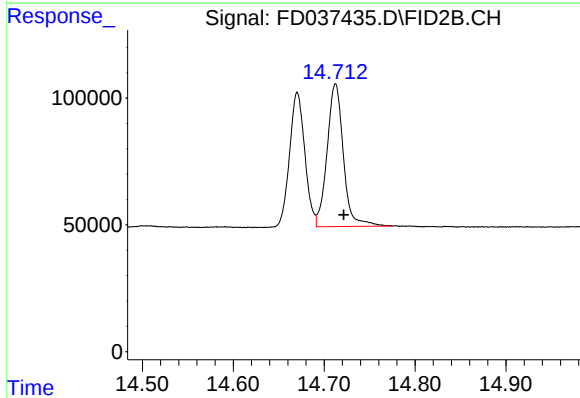
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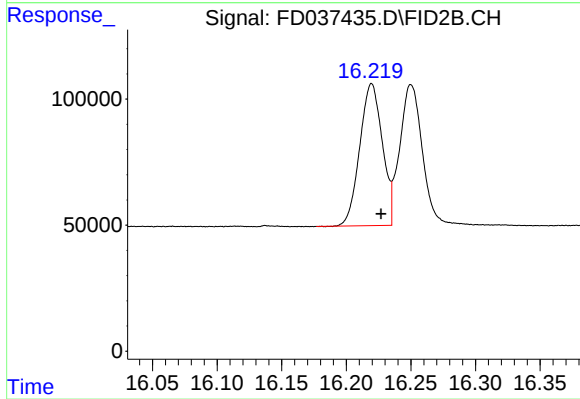
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.670 min
Delta R.T.: -0.009 min
Response: 618879
Conc: 5.62 ug/ml



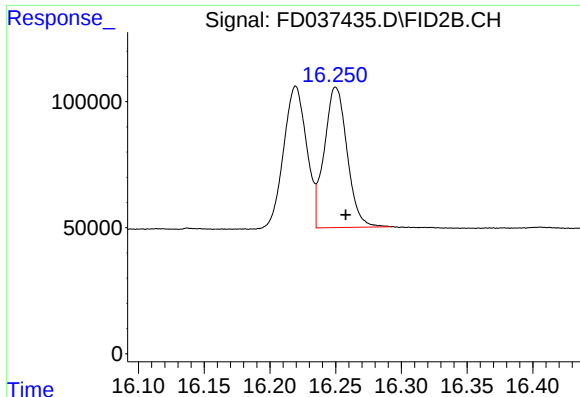
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.009 min
Response: 702211
Conc: 6.20 ug/ml



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

R.T.: 16.220 min
Delta R.T.: -0.007 min
Response: 683603
Conc: 6.09 ug/ml



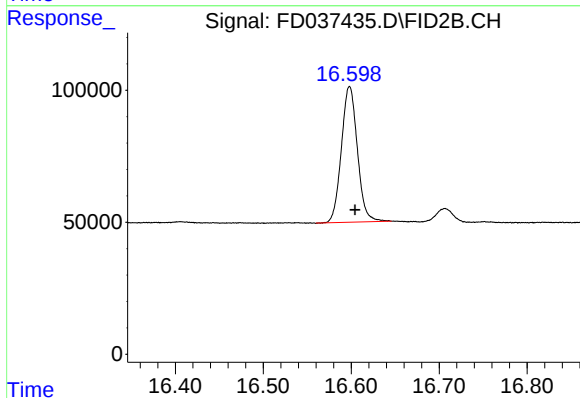
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.250 min
Delta R.T.: -0.008 min
Response: 673994
Conc: 6.26 ug/ml

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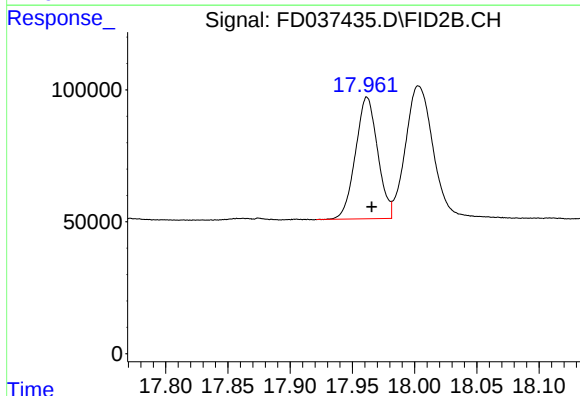
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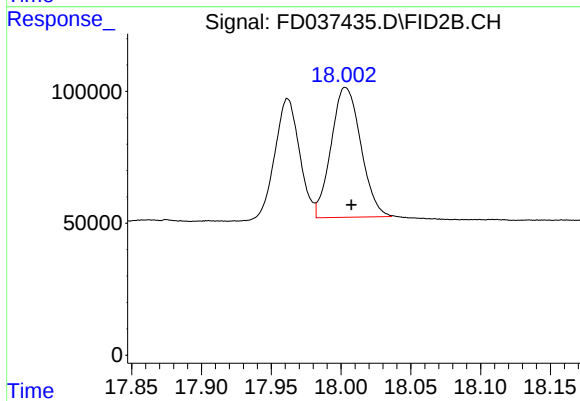
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.598 min
Delta R.T.: -0.006 min
Response: 648866
Conc: 6.27 ug/ml



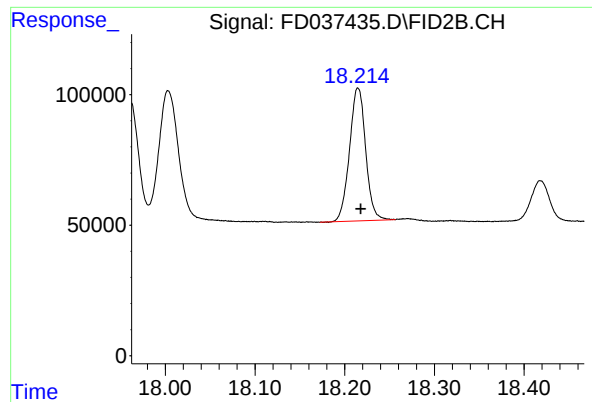
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.962 min
Delta R.T.: -0.004 min
Response: 572048
Conc: 5.38 ug/ml



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

R.T.: 18.002 min
Delta R.T.: -0.005 min
Response: 729205
Conc: 6.98 ug/ml m



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

R.T.: 18.215 min
Delta R.T.: -0.003 min
Response: 636895
Conc: 5.96 ug/ml

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