

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042653.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 17:31
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: May 27 18:30:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 15:01:17 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

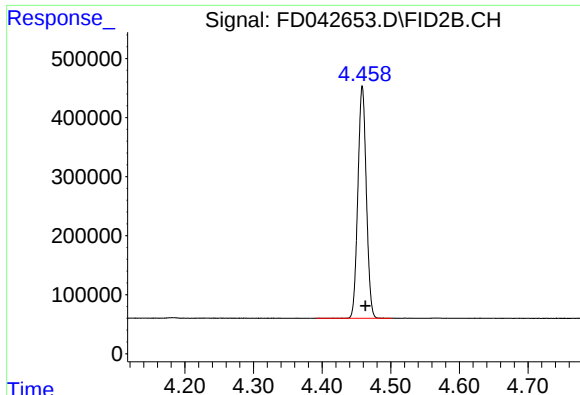
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.667	3072717	20.108 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
6) S 2-Fluorobiphenyl (SURR)	8.530	2066218	20.090 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.18%
11) S ortho-Terphenyl (SURR)	11.578	3565032	20.082 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.459	3359361	20.065 ug/ml
2) T Naphthalene (C11.7)	6.001	3465422	20.044 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	3202046	20.080 ug/ml
5) T Acenaphthylene (C15.06)	8.333	3469626	20.082 ug/ml
7) T Acenaphthene (C15.5)	8.630	3460901	20.114 ug/ml
8) T Flouorene (C16.55)	9.411	3375265	20.105 ug/ml
9) T Phenanthrene (C19.36)	10.809	3304917	20.098 ug/ml
10) T Anthracene (C19.43)	10.883	3053728	19.980 ug/ml
12) T Fluoranthene (C21.85)	12.622	3173244	20.142 ug/ml
13) T Pyrene (C20.8)	12.919	3136327	20.145 ug/ml
14) T Benzo[a]anthracene (C...	14.790	2710572	20.329 ug/ml
15) T Chrysene (C27.41)	14.832	2687625	20.343 ug/ml
16) T benzo[b]fluoranthene ...	16.340	2701643	20.280 ug/ml
17) T Bnezo[k]fluoranthene ...	16.372	2519835	20.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	2509744	20.277 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	2226656	19.977 ug/ml
20) T Dibenz[a,h]anthracene...	18.122	2263425	20.348 ug/ml
21) T Benzo[g,h,i]perylene ...	18.336	2385721	20.072 ug/ml

(f)=RT Delta > 1/2 Window

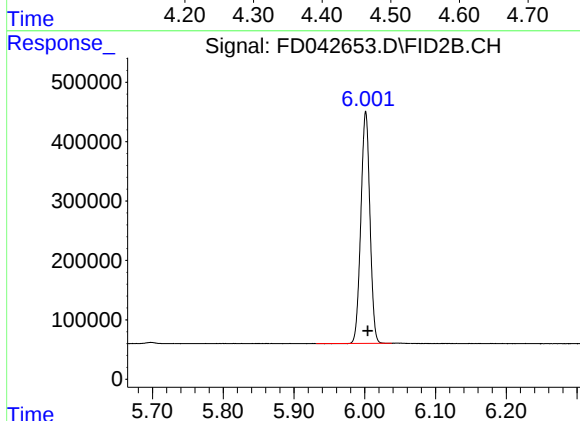
(m)=manual int.



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

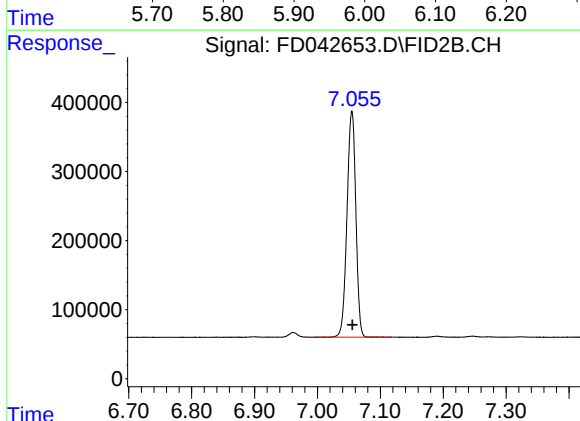
R.T.: 4.459 min
Delta R.T.: -0.004 min
Response: 3359361
Conc: 20.06 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



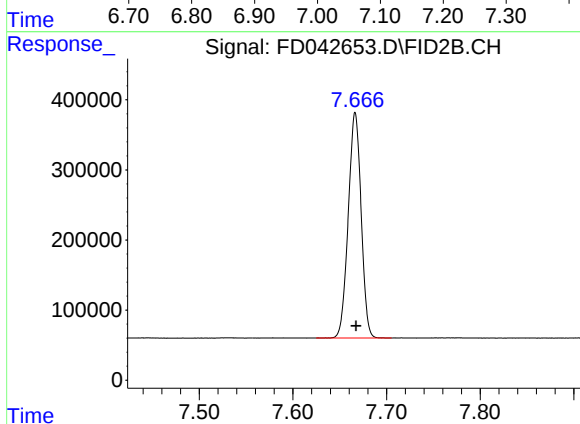
#2 Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 3465422
Conc: 20.04 ug/ml



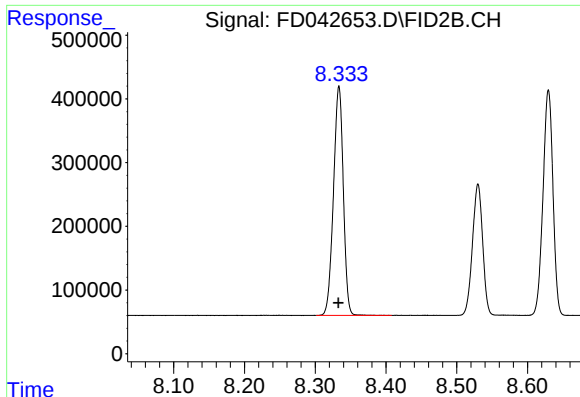
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.001 min
Response: 3202046
Conc: 20.08 ug/ml



#4 2-Bromonaphthalene (SURR)

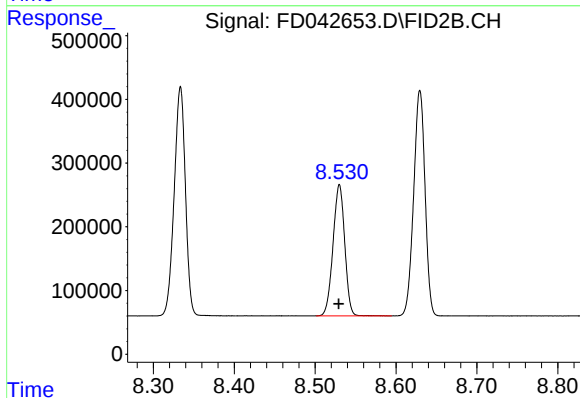
R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 3072717
Conc: 20.11 ug/ml



#5 Acenaphthylene (C15.06)

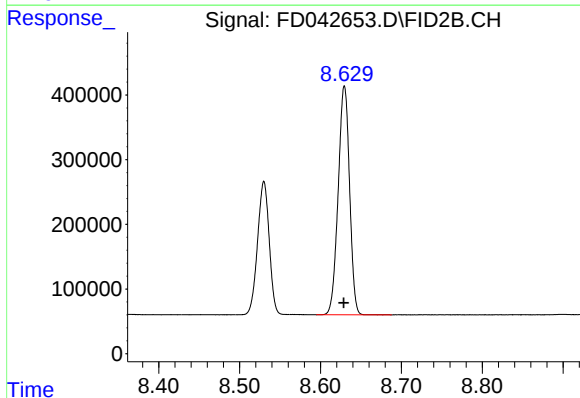
R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 3469626
Conc: 20.08 ug/ml

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20 PPM AROMATIC HC STD



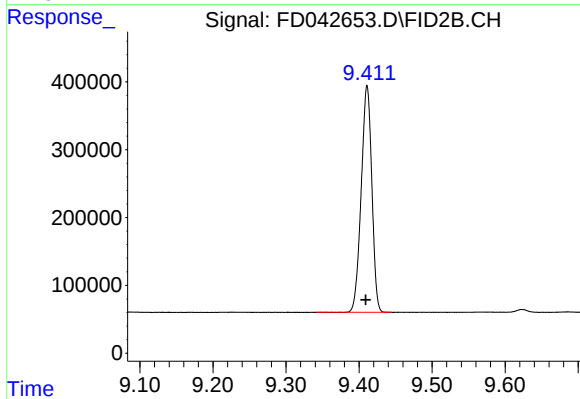
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 2066218
Conc: 20.09 ug/ml



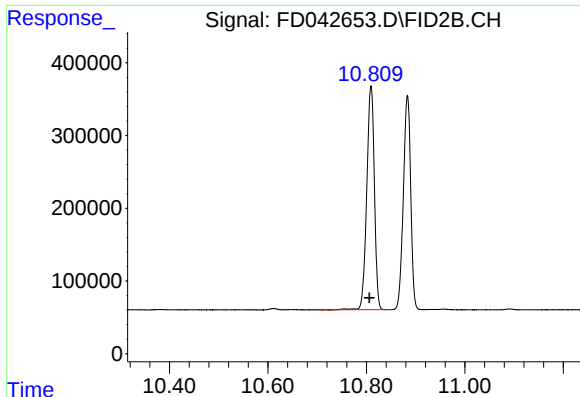
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.000 min
Response: 3460901
Conc: 20.11 ug/ml



#8 Fluorene (C16.55)

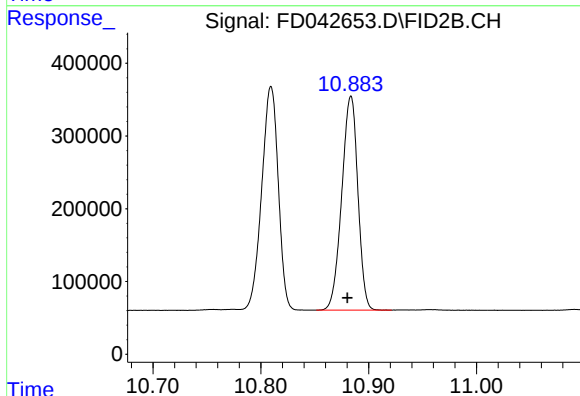
R.T.: 9.411 min
Delta R.T.: 0.002 min
Response: 3375265
Conc: 20.10 ug/ml



#9 Phenanthrene (C19.36)

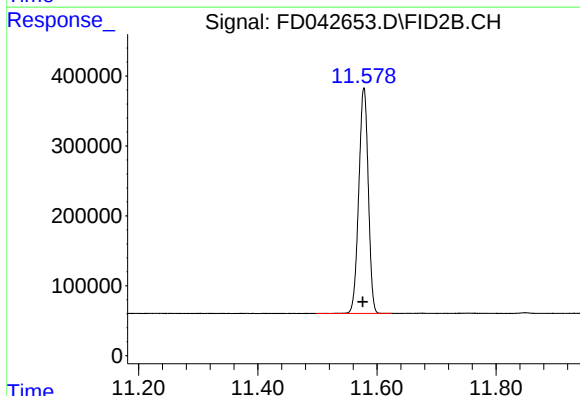
R.T.: 10.809 min
Delta R.T.: 0.003 min
Response: 3304917
Conc: 20.10 ug/ml

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20 PPM AROMATIC HC STD



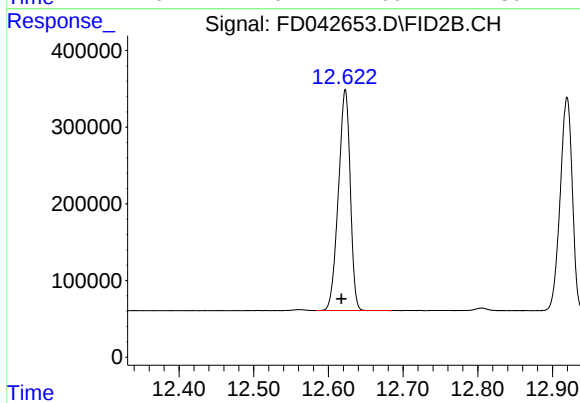
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.003 min
Response: 3053728
Conc: 19.98 ug/ml



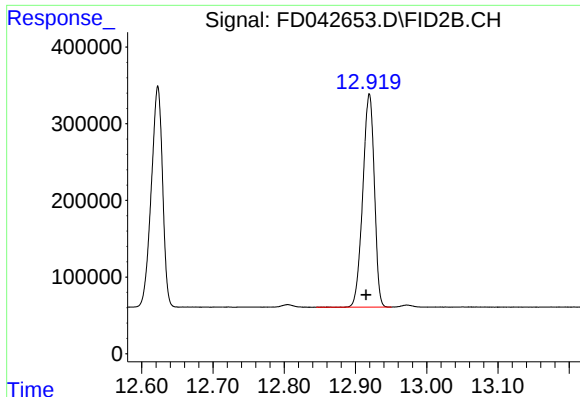
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.002 min
Response: 3565032
Conc: 20.08 ug/ml



#12 Fluoranthene (C21.85)

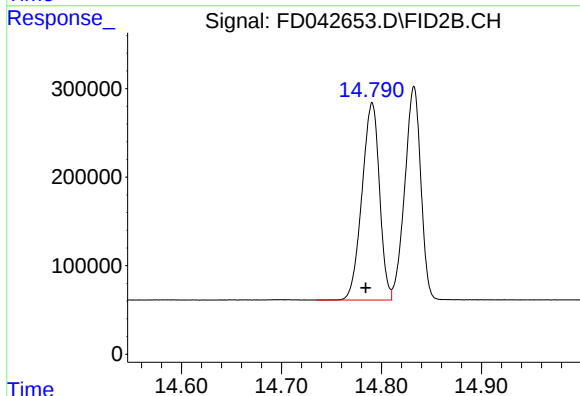
R.T.: 12.622 min
Delta R.T.: 0.005 min
Response: 3173244
Conc: 20.14 ug/ml



#13 Pyrene (C20.8)

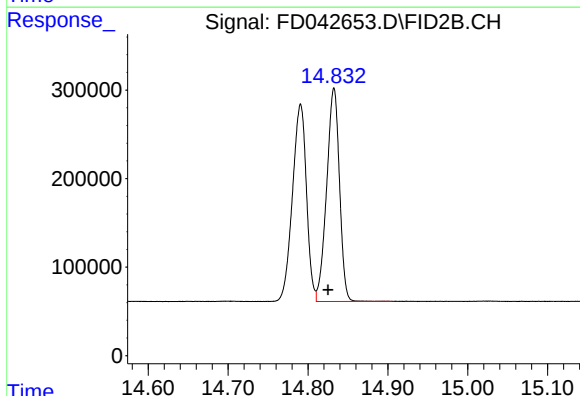
R.T.: 12.919 min
Delta R.T.: 0.004 min
Response: 3136327
Conc: 20.14 ug/ml

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20 PPM AROMATIC HC STD



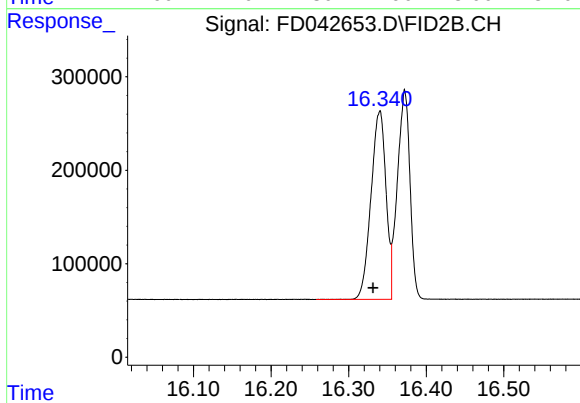
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: 0.006 min
Response: 2710572
Conc: 20.33 ug/ml



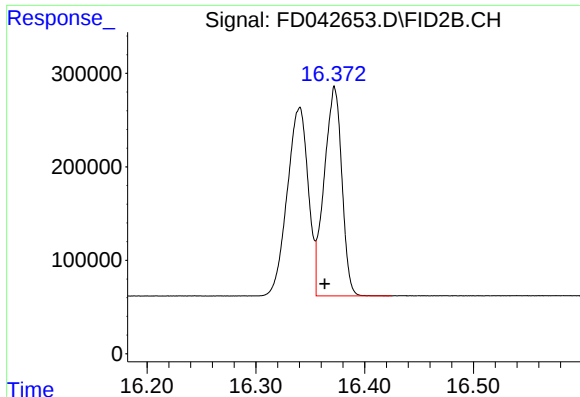
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: 0.007 min
Response: 2687625
Conc: 20.34 ug/ml



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

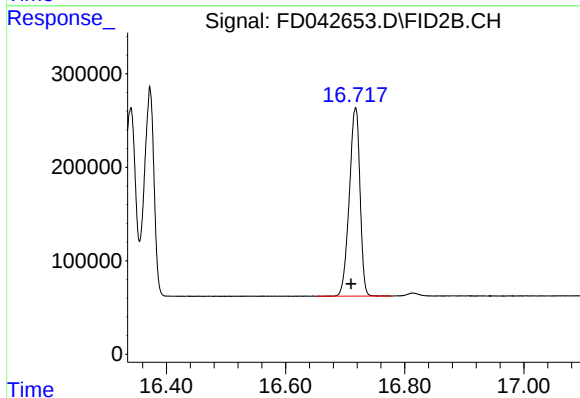
R.T.: 16.340 min
Delta R.T.: 0.008 min
Response: 2701643
Conc: 20.28 ug/ml



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

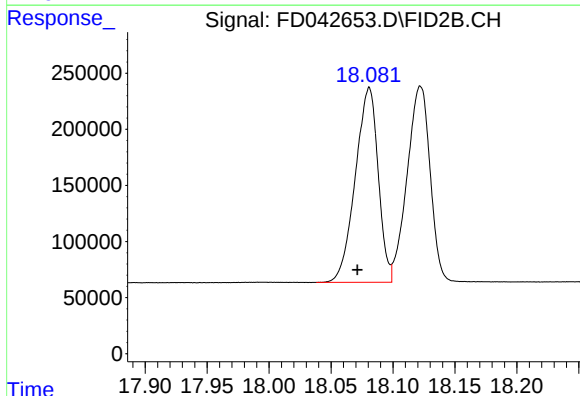
R.T.: 16.372 min
Delta R.T.: 0.009 min
Response: 2519835
Conc: 20.34 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



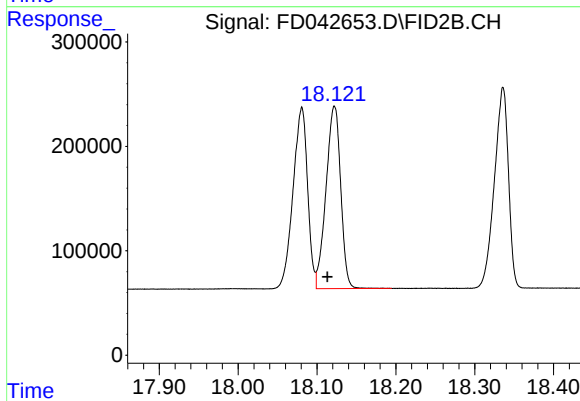
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: 0.007 min
Response: 2509744
Conc: 20.28 ug/ml



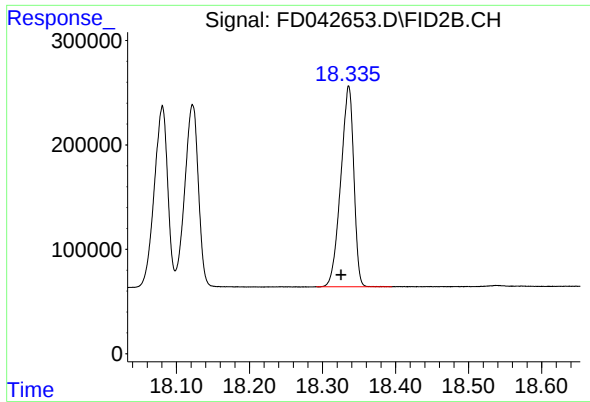
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.080 min
Delta R.T.: 0.009 min
Response: 2226656
Conc: 19.98 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.009 min
Response: 2263425
Conc: 20.35 ug/ml



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

R.T.: 18.336 min
Delta R.T.: 0.010 min
Response: 2385721
Conc: 20.07 ug/ml

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