

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031021AR\
 Data File : FD036366.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2021 5:55
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 11 06:52:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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

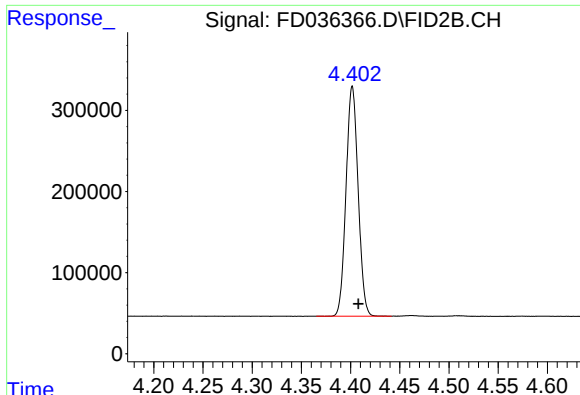
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.601	2249166	19.082 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
6) S 2-Fluorobiphenyl (SURR)	8.461	1581653	19.005 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.01%
11) S ortho-Terphenyl (SURR)	11.502	2626466	18.643 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	2424997	19.342 ug/ml
2) T Naphthalene (C11.7)	5.939	2608560	19.250 ug/ml
3) T 2-Methylnaphthalene (...)	6.991	2620210	19.188 ug/ml
5) T Acenaphthylene (C15.06)	8.265	2537889	18.863 ug/ml
7) T Acenaphthene (C15.5)	8.561	2633492	19.026 ug/ml
8) T Fluorene (C16.55)	9.340	2578381	18.893 ug/ml
9) T Phenanthrene (C19.36)	10.735	2578622	18.716 ug/ml
10) T Anthracene (C19.43)	10.808	2442817	18.195 ug/ml
12) T Fluoranthene (C21.85)	12.544	2580090	18.579 ug/ml
13) T Pyrene (C20.8)	12.840	2553151	18.623 ug/ml
14) T Benzo[a]anthracene (C...	14.707	2343586	18.529 ug/ml
15) T Chrysene (C27.41)	14.750	2407293	18.589 ug/ml
16) T benzo[b]fluoranthene ...	16.255	2312058	18.997 ug/ml
17) T Bnezo[k]fluoranthene ...	16.287	2253658	19.138 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	2111140	19.144 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	2178536	19.690 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	2493646	22.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	2194119	19.843 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

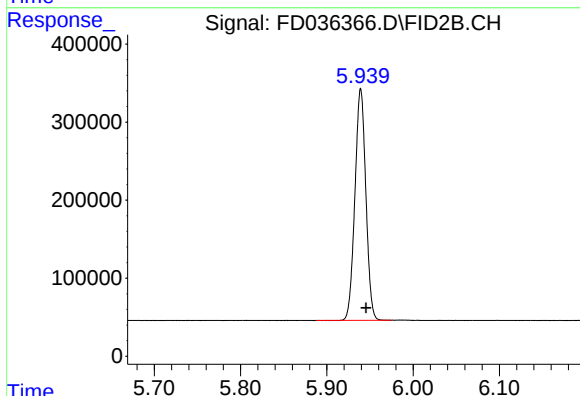
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Misc      :
ALS Vial  : 72    Sample Multiplier: 1
```



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

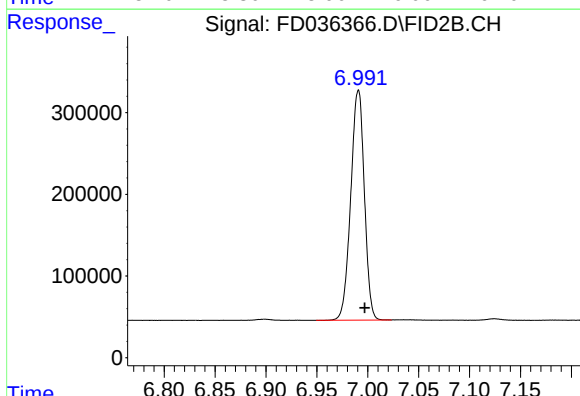
R.T.: 4.402 min
Delta R.T.: -0.006 min
Response: 2424997
Conc: 19.34 ug/ml

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20 PPM AROMATIC HC STD



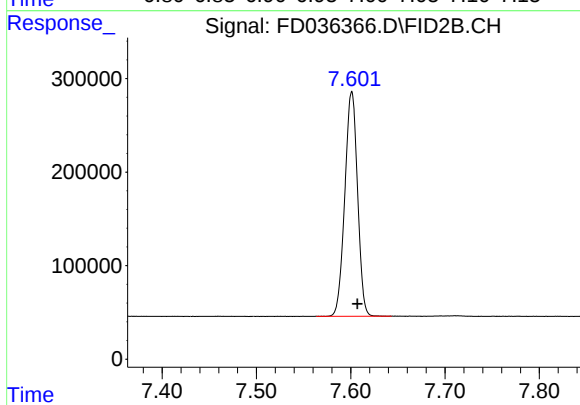
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2608560
Conc: 19.25 ug/ml



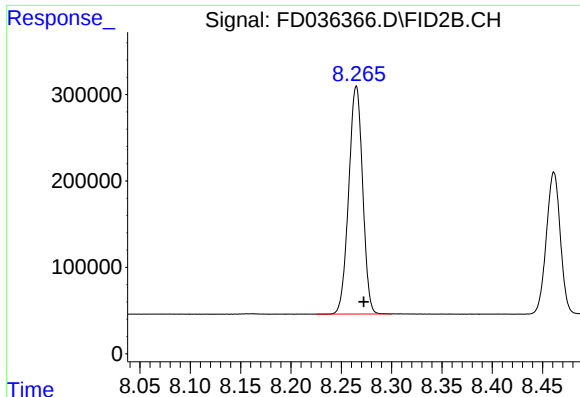
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.006 min
Response: 2620210
Conc: 19.19 ug/ml



#4 2-Bromonaphthalene (SURR)

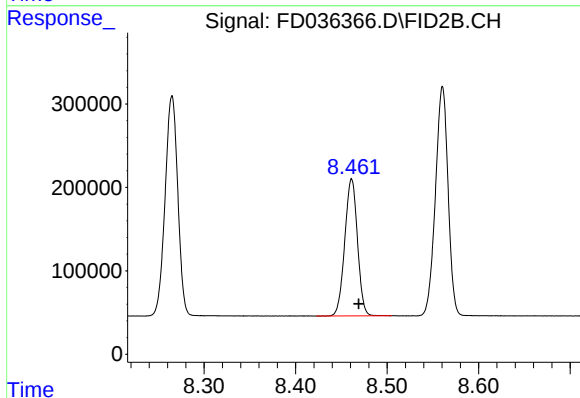
R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 2249166
Conc: 19.08 ug/ml



#5 Acenaphthylene (C15.06)

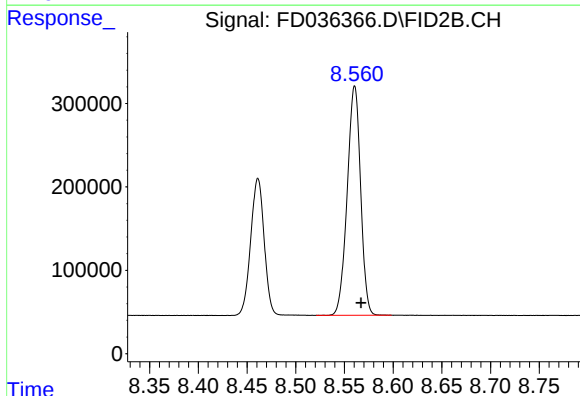
R.T.: 8.265 min
Delta R.T.: -0.007 min
Response: 2537889
Conc: 18.86 ug/ml

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20 PPM AROMATIC HC STD



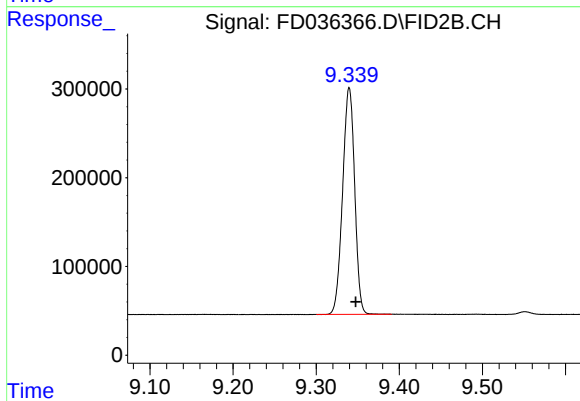
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 1581653
Conc: 19.01 ug/ml



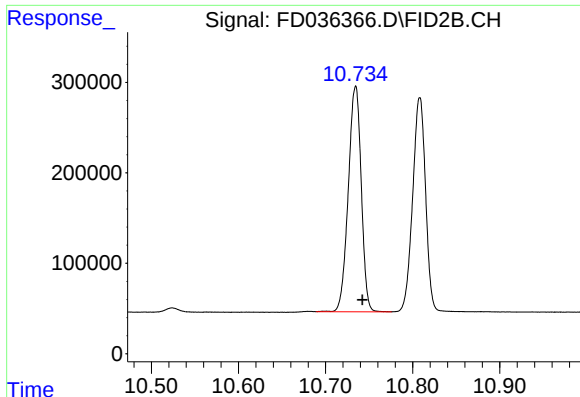
#7 Acenaphthene (C15.5)

R.T.: 8.561 min
Delta R.T.: -0.007 min
Response: 2633492
Conc: 19.03 ug/ml



#8 Flouorene (C16.55)

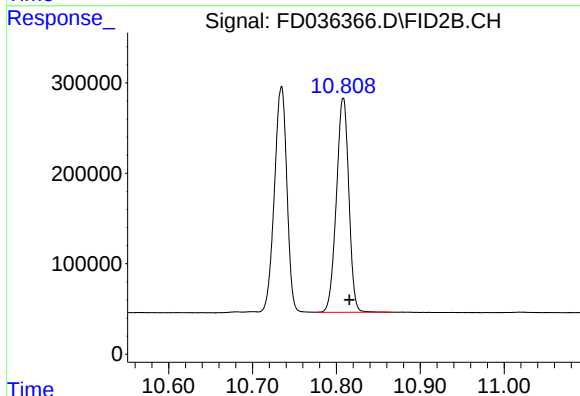
R.T.: 9.340 min
Delta R.T.: -0.008 min
Response: 2578381
Conc: 18.89 ug/ml



#9 Phenanthrene (C19.36)

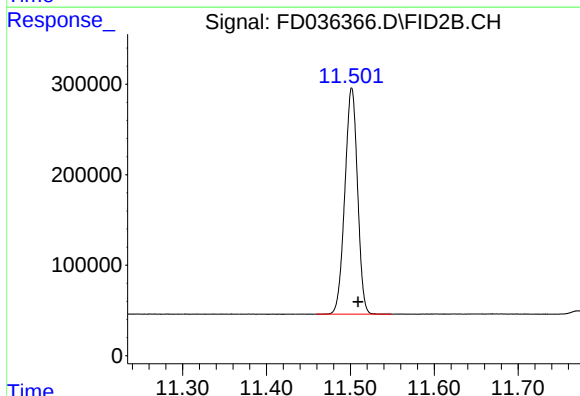
R.T.: 10.735 min
Delta R.T.: -0.008 min
Response: 2578622
Conc: 18.72 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



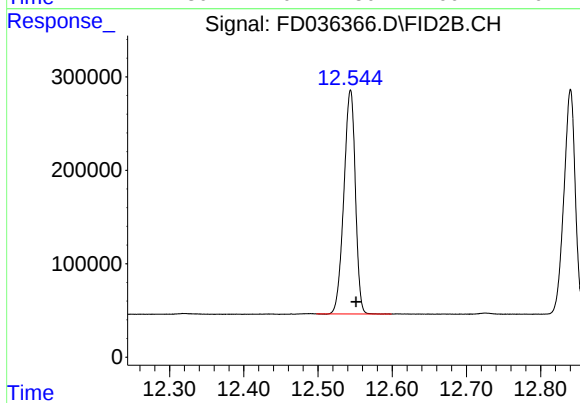
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: -0.007 min
Response: 2442817
Conc: 18.20 ug/ml



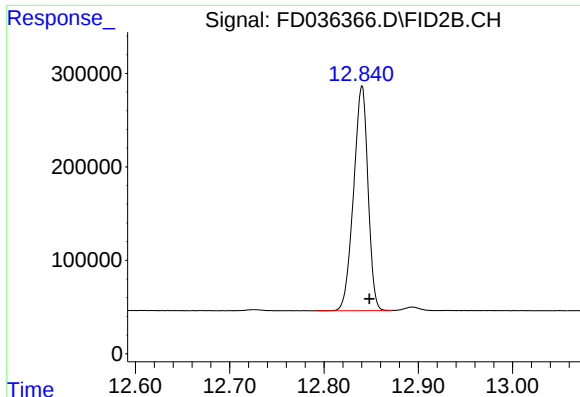
#11 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.008 min
Response: 2626466
Conc: 18.64 ug/ml



#12 Fluoranthene (C21.85)

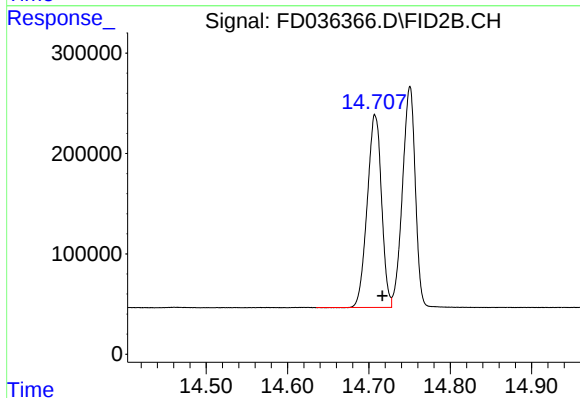
R.T.: 12.544 min
Delta R.T.: -0.007 min
Response: 2580090
Conc: 18.58 ug/ml



#13 Pyrene (C20.8)

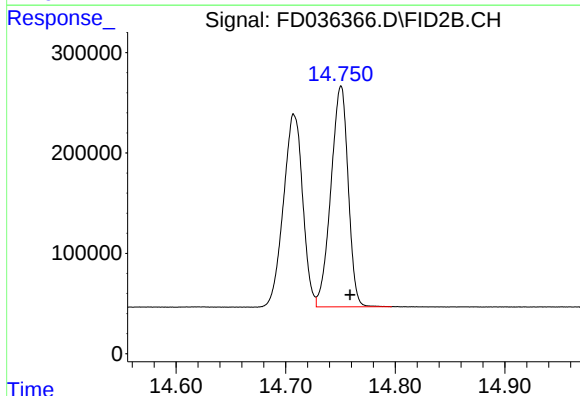
R.T.: 12.840 min
Delta R.T.: -0.008 min
Response: 2553151
Conc: 18.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



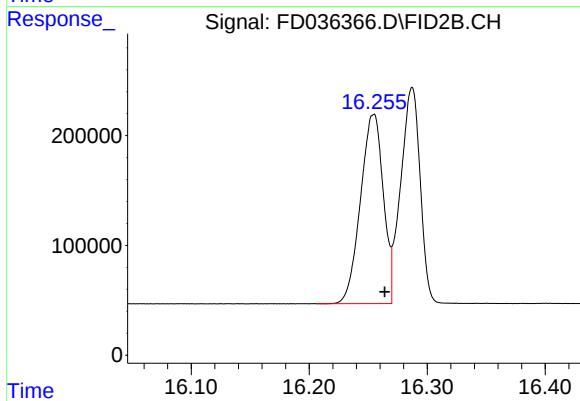
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: -0.009 min
Response: 2343586
Conc: 18.53 ug/ml



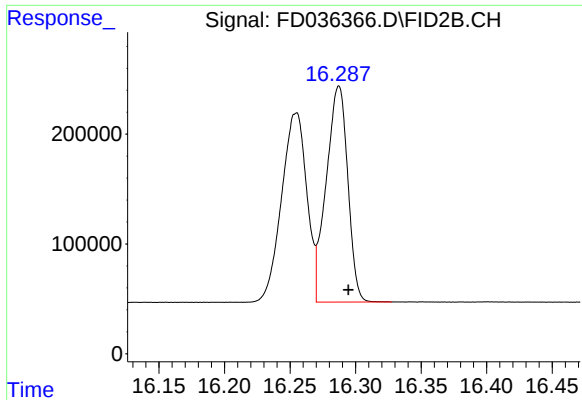
#15 Chrysene (C27.41)

R.T.: 14.750 min
Delta R.T.: -0.008 min
Response: 2407293
Conc: 18.59 ug/ml



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

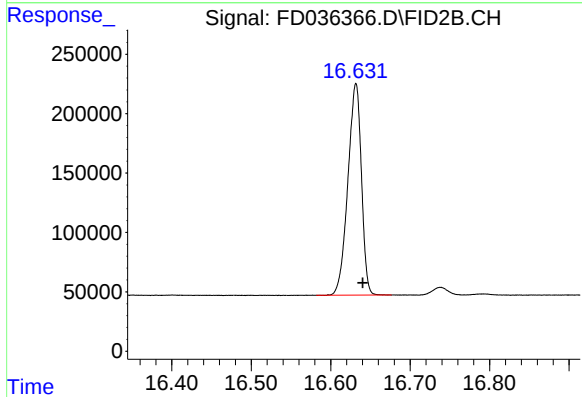
R.T.: 16.255 min
Delta R.T.: -0.009 min
Response: 2312058
Conc: 19.00 ug/ml



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

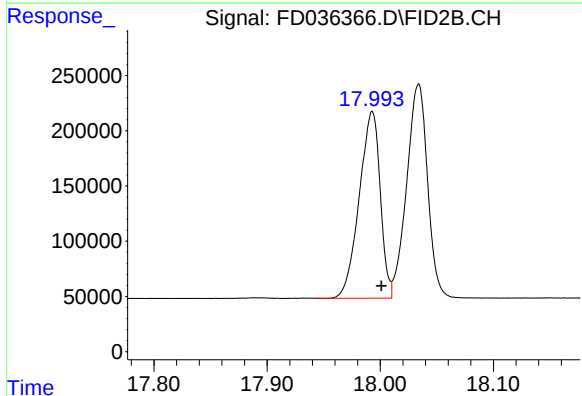
R.T.: 16.287 min
Delta R.T.: -0.007 min
Response: 2253658
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



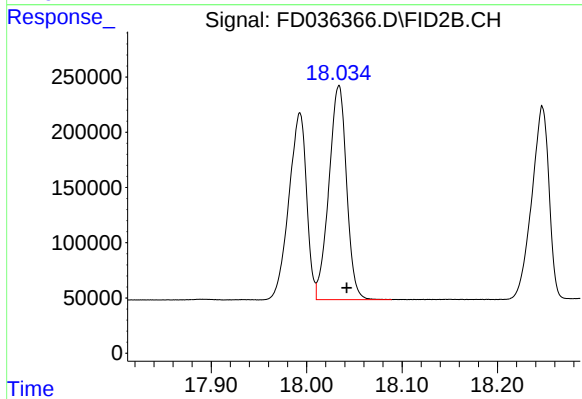
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: -0.009 min
Response: 2111140
Conc: 19.14 ug/ml



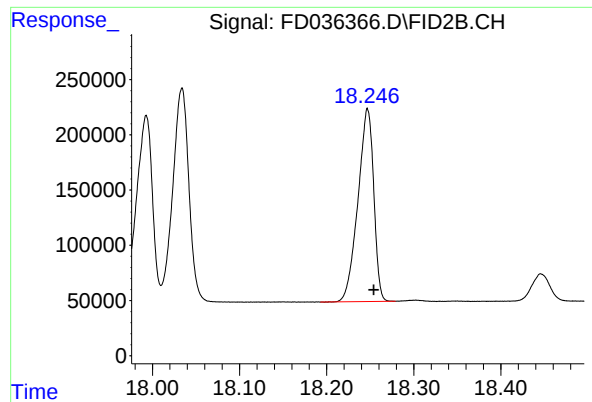
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: -0.008 min
Response: 2178536
Conc: 19.69 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.008 min
Response: 2493646
Conc: 22.53 ug/ml



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

R.T.: 18.247 min
Delta R.T.: -0.007 min
Response: 2194119
Conc: 19.84 ug/ml

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