

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043031.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2022 6:05
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 08:16:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

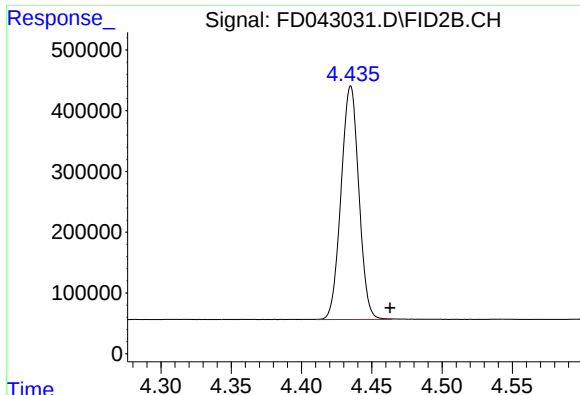
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.643	2919834	19.108 ug/mlm
Spiked Amount 50.000		Recovery =	38.22%
6) S 2-Fluorobiphenyl (SURR)	8.508	1880357	18.283 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.57%
11) S ortho-Terphenyl (SURR)	11.556	3182656	17.928 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.435	3384840	20.217 ug/mlm
2) T Naphthalene (C11.7)	5.978	3415745	19.756 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	3084403	19.342 ug/ml
5) T Acenaphthylene (C15.06)	8.311	3171293	18.355 ug/mlm
7) T Acenaphthene (C15.5)	8.607	3146584	18.287 ug/ml
8) T Flouorene (C16.55)	9.390	3084510	18.373 ug/ml
9) T Phenanthrene (C19.36)	10.789	2897590	17.621 ug/ml
10) T Anthracene (C19.43)	10.864	2694985	17.632 ug/ml
12) T Fluoranthene (C21.85)	12.605	2745415	17.426 ug/ml
13) T Pyrene (C20.8)	12.903	2673305	17.171 ug/ml
14) T Benzo[a]anthracene (C...	14.777	2675842	20.069 ug/ml
15) T Chrysene (C27.41)	14.819	2719704	20.585 ug/ml
16) T benzo[b]fluoranthene ...	16.331	2842708	21.339 ug/ml
17) T Bnezo[k]fluoranthene ...	16.363	2698854	21.790 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.710	2705255	21.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	2479449	22.245 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	2711554	24.377 ug/ml
21) T Benzo[g,h,i]perylene ...	18.333	2624373	22.080 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



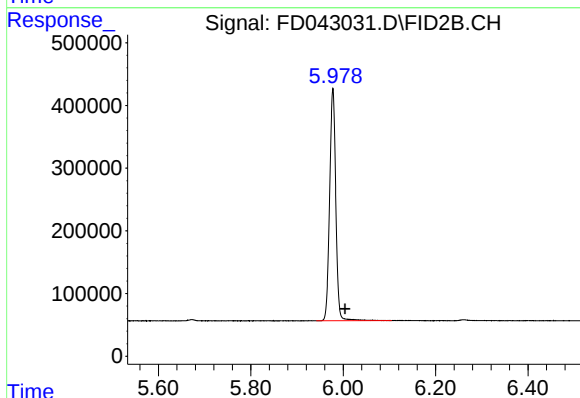
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.435 min
Delta R.T.: -0.028 min
Response: 3384840
Conc: 20.22 ug/ml

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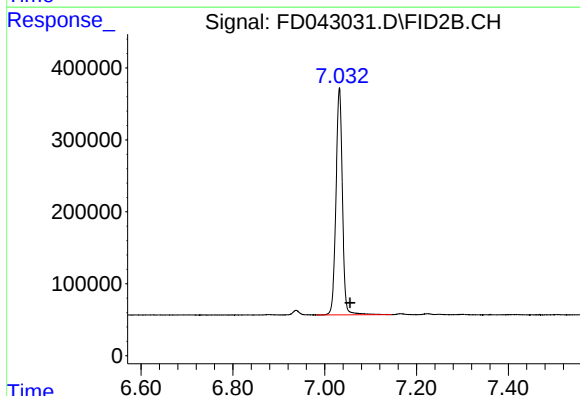
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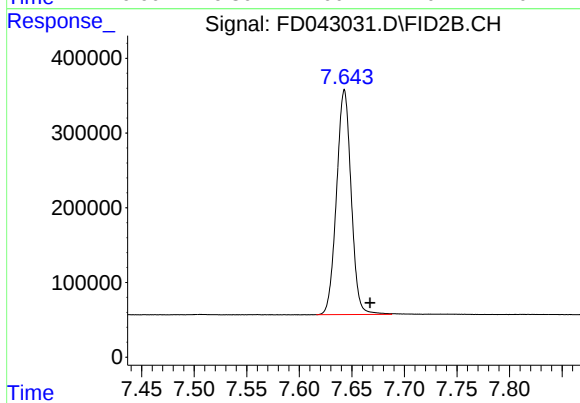
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.026 min
Response: 3415745
Conc: 19.76 ug/ml



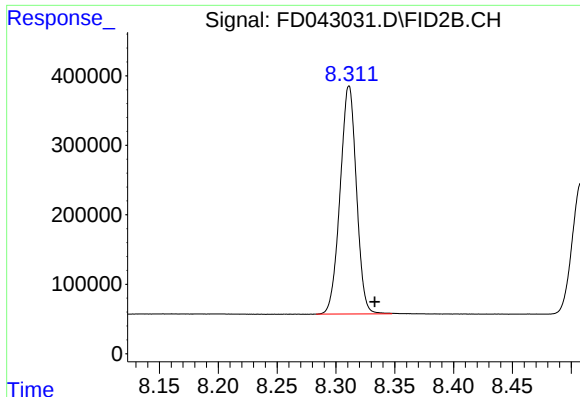
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.024 min
Response: 3084403
Conc: 19.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.643 min
Delta R.T.: -0.025 min
Response: 2919834
Conc: 19.11 ug/ml m



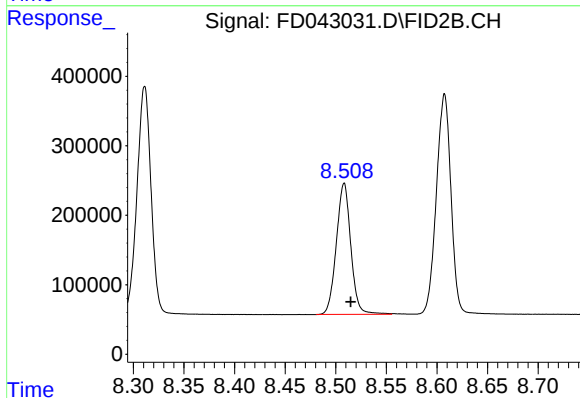
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: -0.022 min
Response: 3171293
Conc: 18.36 ug/ml

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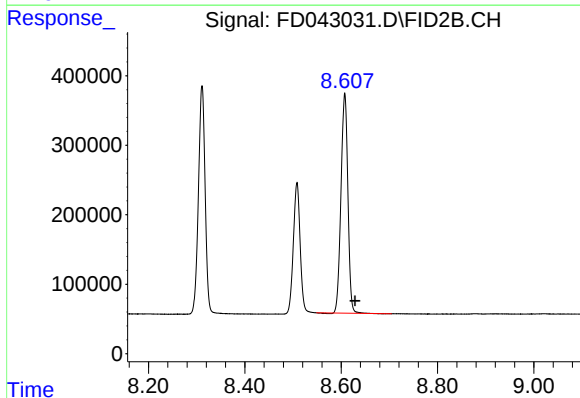
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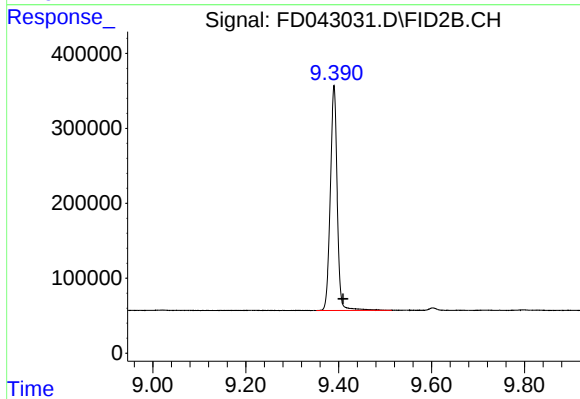
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.508 min
Delta R.T.: -0.007 min
Response: 1880357
Conc: 18.28 ug/ml m



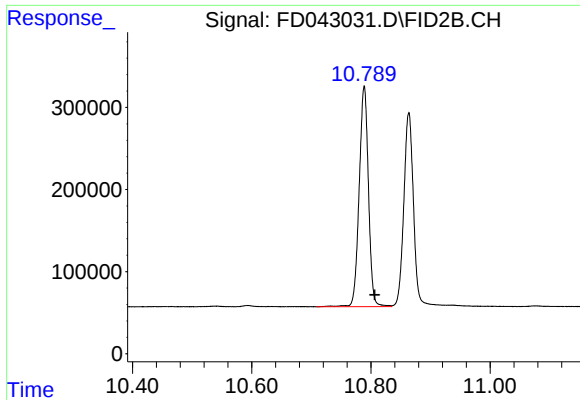
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.022 min
Response: 3146584
Conc: 18.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: -0.019 min
Response: 3084510
Conc: 18.37 ug/ml



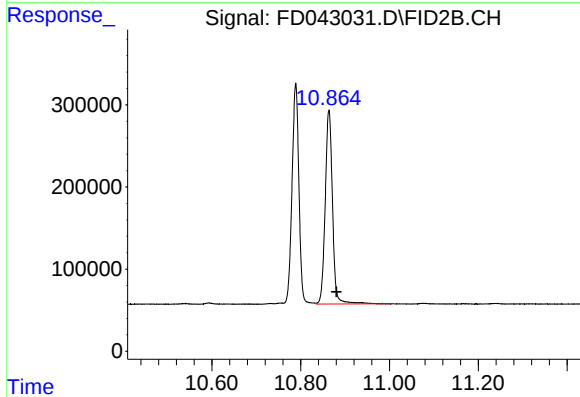
#9 Phenanthrene (C19.36)

R.T.: 10.789 min
Delta R.T.: -0.018 min
Response: 2897590
Conc: 17.62 ug/ml

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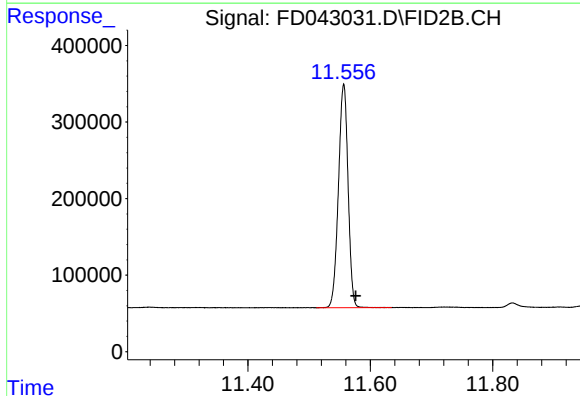
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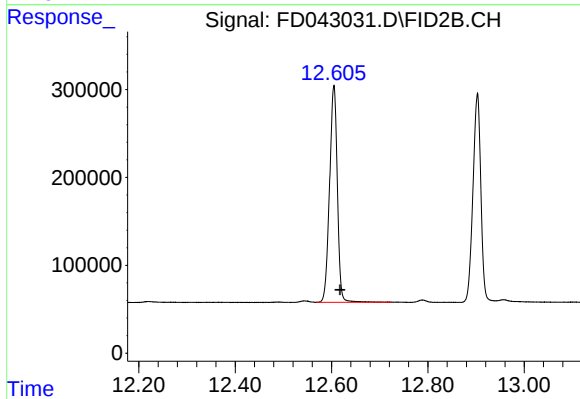
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: -0.017 min
Response: 2694985
Conc: 17.63 ug/ml



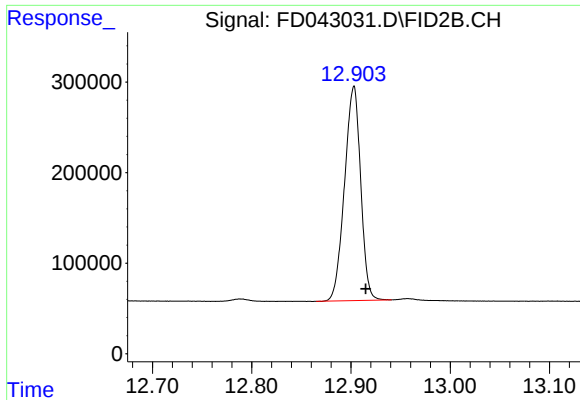
#11 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.020 min
Response: 3182656
Conc: 17.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: -0.013 min
Response: 2745415
Conc: 17.43 ug/ml



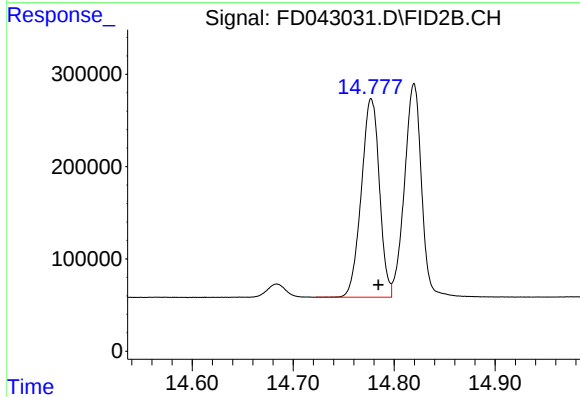
#13 Pyrene (C20.8)

R.T.: 12.903 min
Delta R.T.: -0.012 min
Response: 2673305
Conc: 17.17 ug/ml

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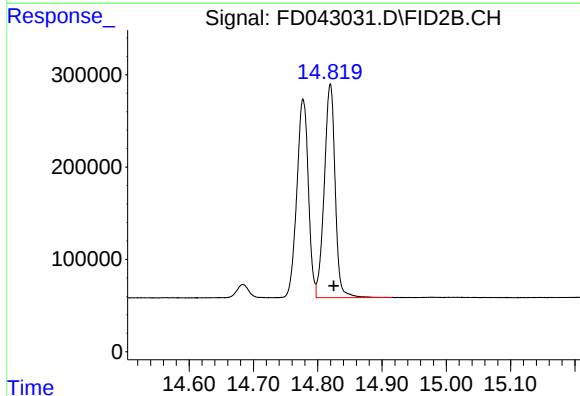
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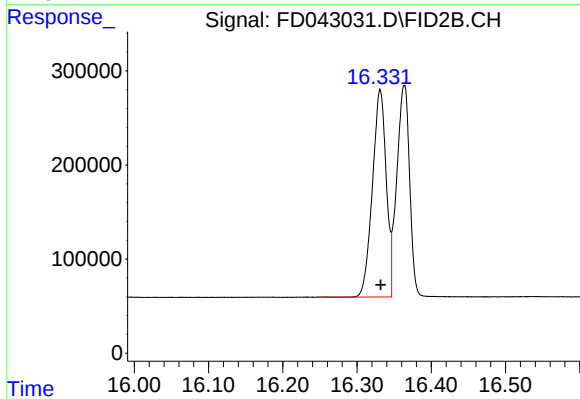
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.777 min
Delta R.T.: -0.007 min
Response: 2675842
Conc: 20.07 ug/ml



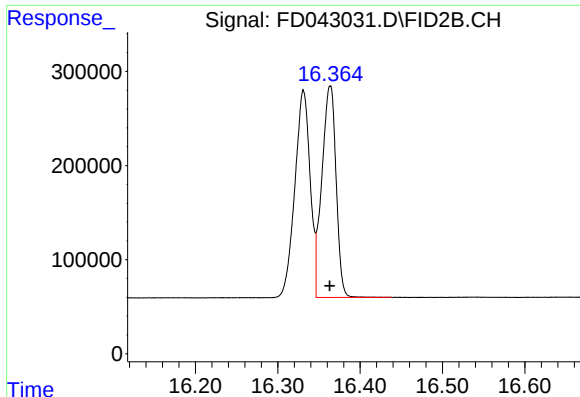
#15 Chrysene (C27.41)

R.T.: 14.819 min
Delta R.T.: -0.006 min
Response: 2719704
Conc: 20.59 ug/ml



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

R.T.: 16.331 min
Delta R.T.: 0.000 min
Response: 2842708
Conc: 21.34 ug/ml



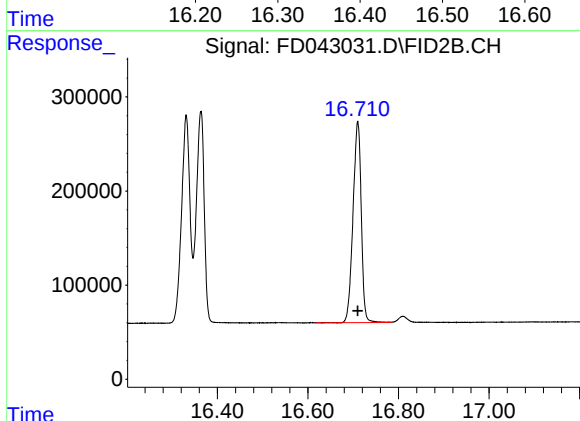
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 2698854
Conc: 21.79 ug/ml

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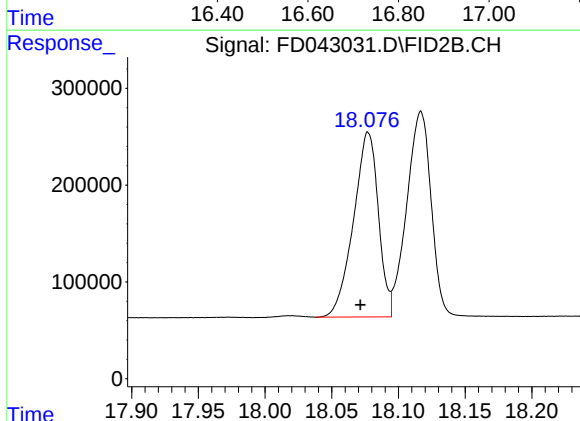
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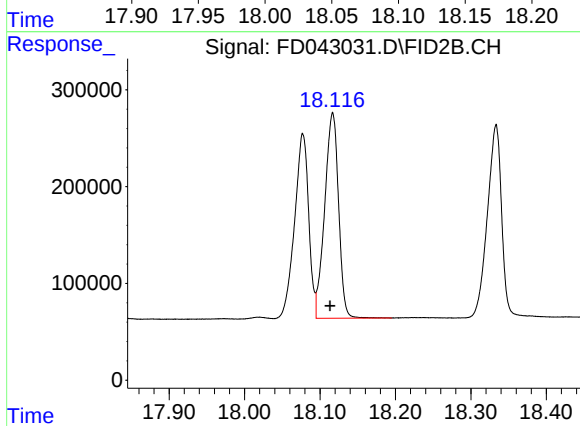
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.710 min
Delta R.T.: 0.000 min
Response: 2705255
Conc: 21.86 ug/ml



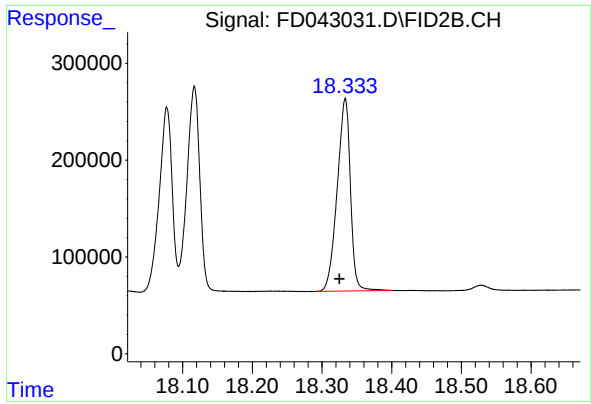
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.077 min
Delta R.T.: 0.006 min
Response: 2479449
Conc: 22.24 ug/ml



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

R.T.: 18.117 min
Delta R.T.: 0.003 min
Response: 2711554
Conc: 24.38 ug/ml



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

R.T.: 18.333 min
Delta R.T.: 0.008 min
Response: 2624373
Conc: 22.08 ug/ml

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