

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110122AR\
 Data File : FD044373.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2022 10:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File: autoint1.e
 Quant Time: Nov 01 16:09:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

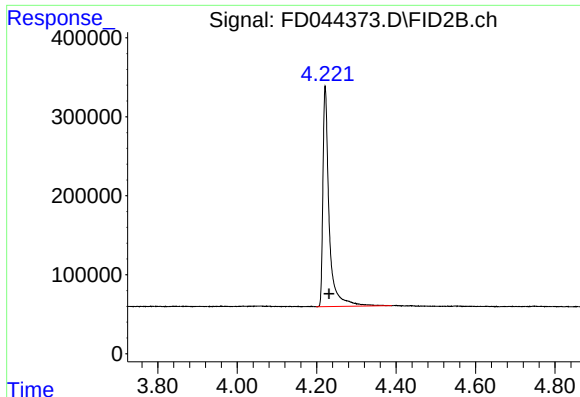
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.415	2622277	21.121 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
6) S 2-Fluorobiphenyl (SURR)	8.278	1323270	17.574 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.15%
11) S ortho-Terphenyl (SURR)	11.291	3629488	21.443 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3066523	21.725 ug/ml
2) T Naphthalene (C11.7)	5.756	2959201	21.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	3020680	21.308 ug/ml
5) T Acenaphthylene (C15.06)	8.069	2897942	20.658 ug/ml
7) T Acenaphthene (C15.5)	8.358	3494616	22.473 ug/ml
8) T Flouorene (C16.55)	9.143	2869983	20.401 ug/ml
9) T Phenanthrene (C19.36)	10.535	2717106	20.176 ug/ml
10) T Anthracene (C19.43)	10.617	2215736	16.490 ug/ml
12) T Fluoranthene (C21.85)	12.339	2837884	21.250 ug/ml
13) T Pyrene (C20.8)	12.632	2595877	20.551 ug/mlm
14) T Benzo[a]anthracene (C...	14.505	2164694	20.380 ug/ml
15) T Chrysene (C27.41)	14.547	3060542	23.347 ug/ml
16) T benzo[b]fluoranthene ...	16.050	2395278	21.343 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	2945425	23.151 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	2569113	22.109 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.798	2154504	20.209 ug/mlm
20) T Dibenz[a,h]anthracene...	17.835	2452911	19.827 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.046	2349305	20.012 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



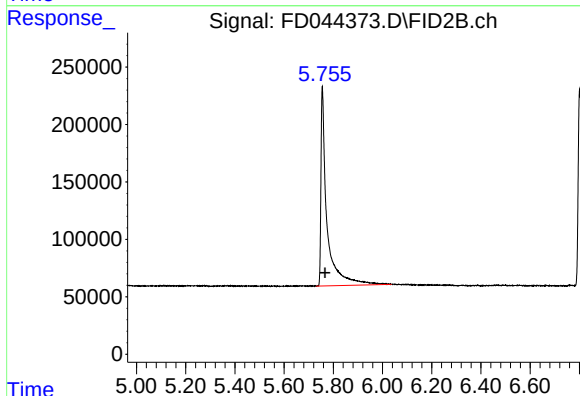
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.009 min
Response: 3066523
Conc: 21.73 ug/ml

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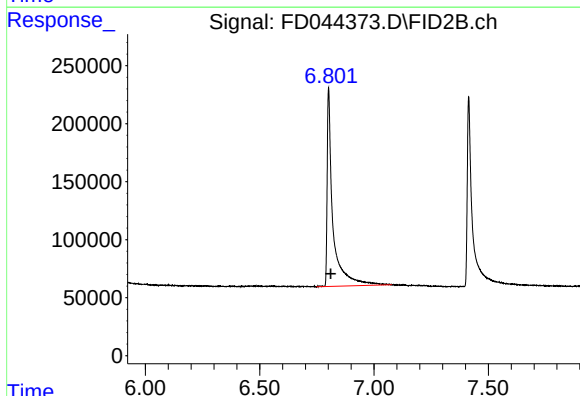
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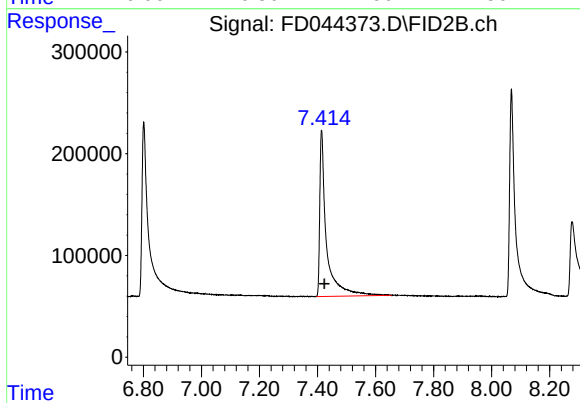
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.010 min
Response: 2959201
Conc: 21.59 ug/ml



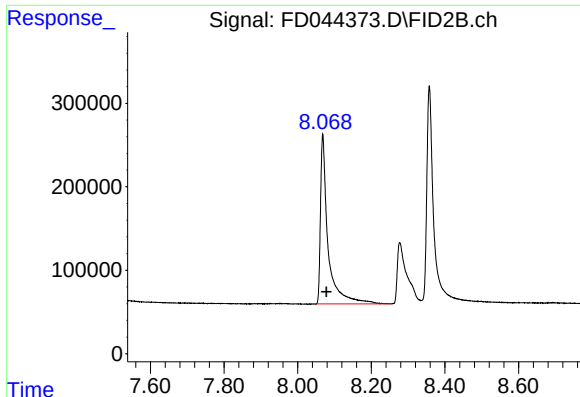
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.009 min
Response: 3020680
Conc: 21.31 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 2622277
Conc: 21.12 ug/ml



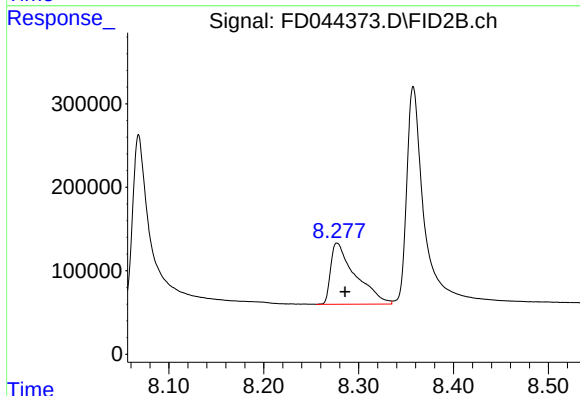
#5 Acenaphthylene (C15.06)

R.T.: 8.069 min
Delta R.T.: -0.010 min
Response: 2897942
Conc: 20.66 ug/ml

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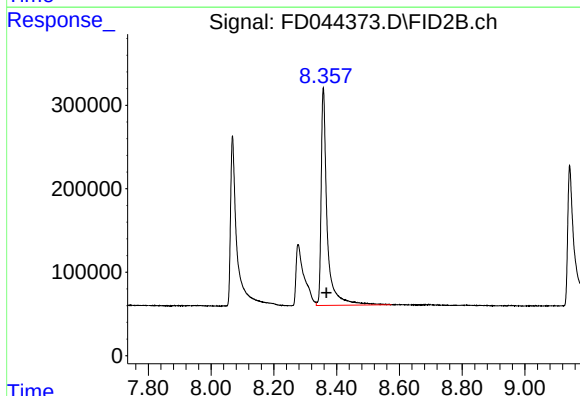
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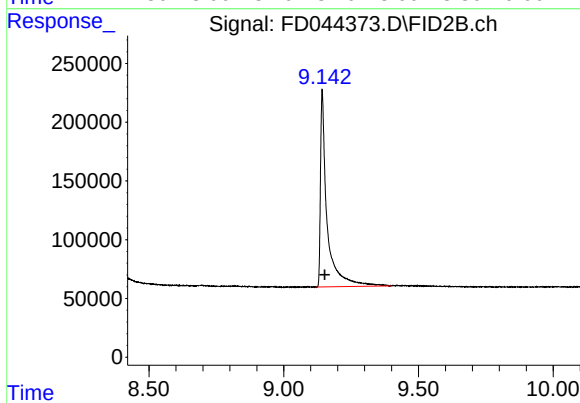
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.278 min
Delta R.T.: -0.008 min
Response: 1323270
Conc: 17.57 ug/ml



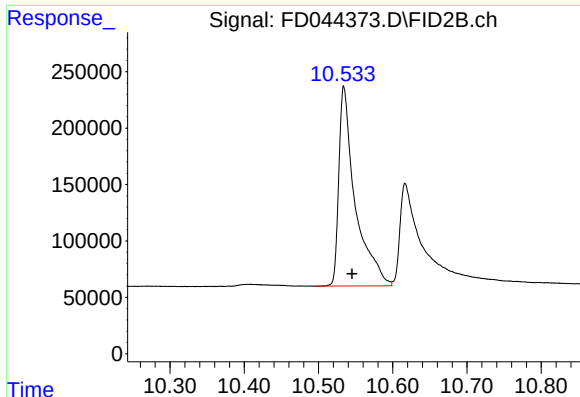
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.010 min
Response: 3494616
Conc: 22.47 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.143 min
Delta R.T.: -0.009 min
Response: 2869983
Conc: 20.40 ug/ml



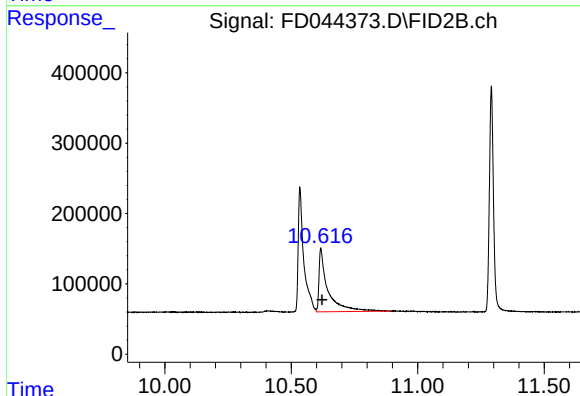
#9 Phenanthrene (C19.36)

R.T.: 10.535 min
Delta R.T.: -0.011 min
Response: 2717106
Conc: 20.18 ug/ml

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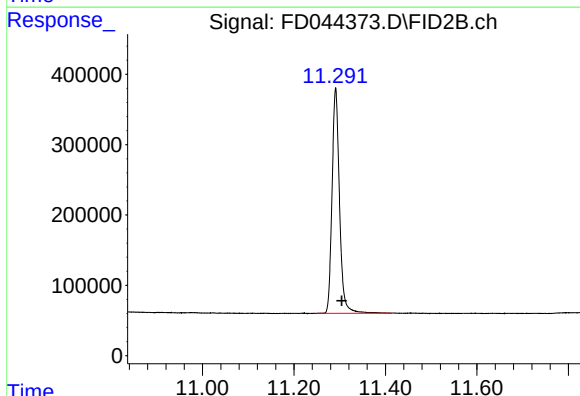
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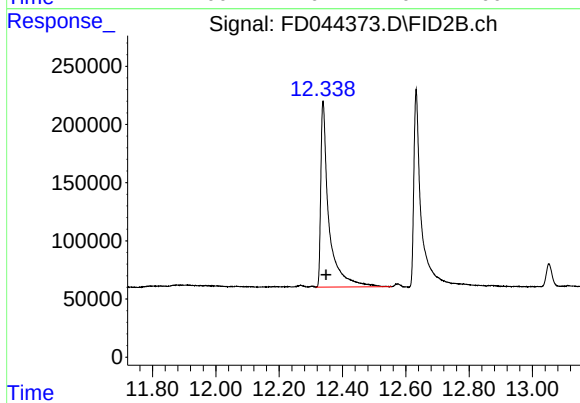
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.004 min
Response: 2215736
Conc: 16.49 ug/ml



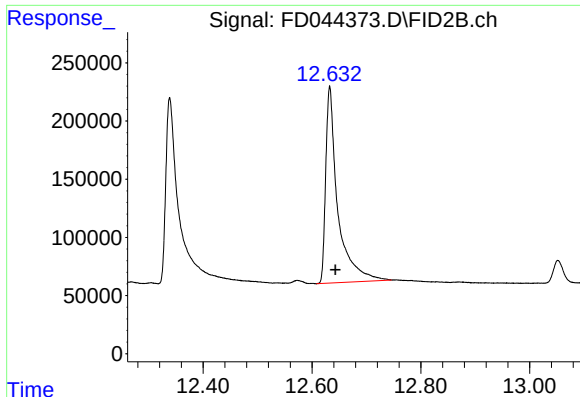
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.013 min
Response: 3629488
Conc: 21.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.339 min
Delta R.T.: -0.010 min
Response: 2837884
Conc: 21.25 ug/ml



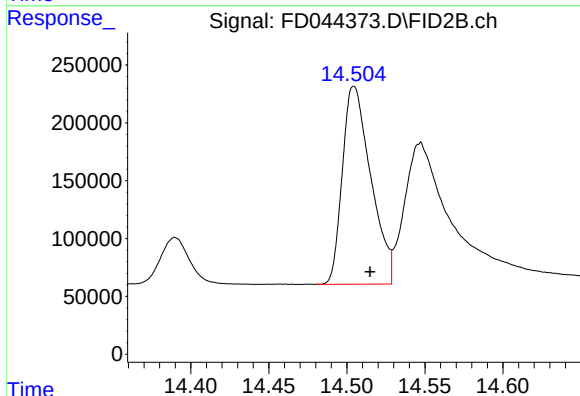
#13 Pyrene (C20.8)

R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 2595877
Conc: 20.55 ug/ml

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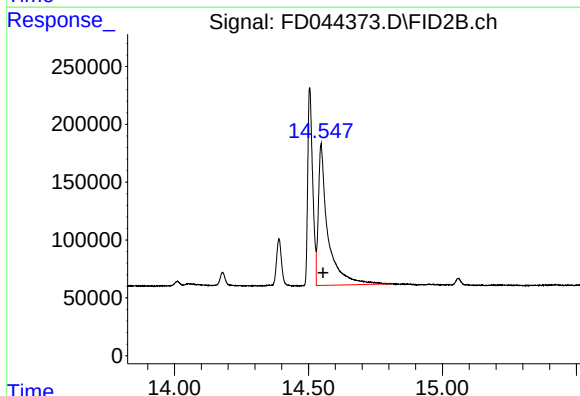
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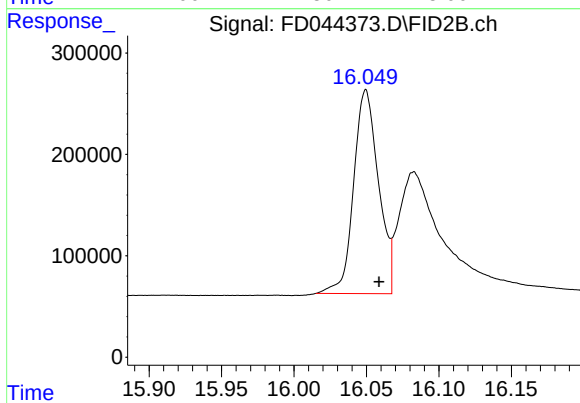
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: -0.010 min
Response: 2164694
Conc: 20.38 ug/ml



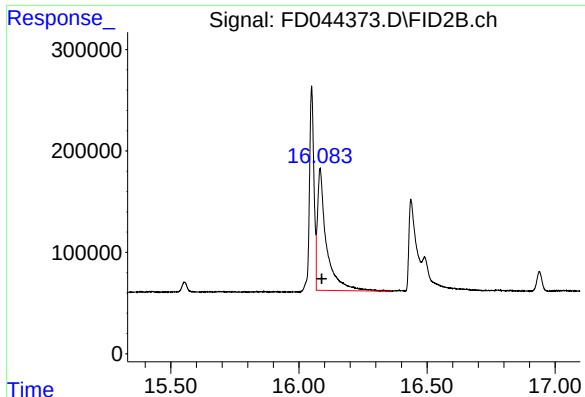
#15 Chrysene (C27.41)

R.T.: 14.547 min
Delta R.T.: -0.007 min
Response: 3060542
Conc: 23.35 ug/ml



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

R.T.: 16.050 min
Delta R.T.: -0.009 min
Response: 2395278
Conc: 21.34 ug/ml



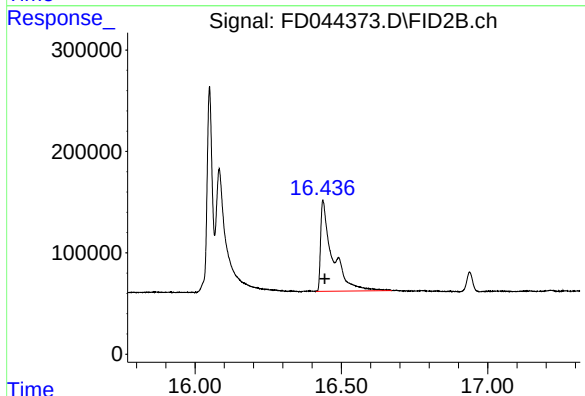
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.083 min
Delta R.T.: -0.006 min
Response: 2945425
Conc: 23.15 ug/ml

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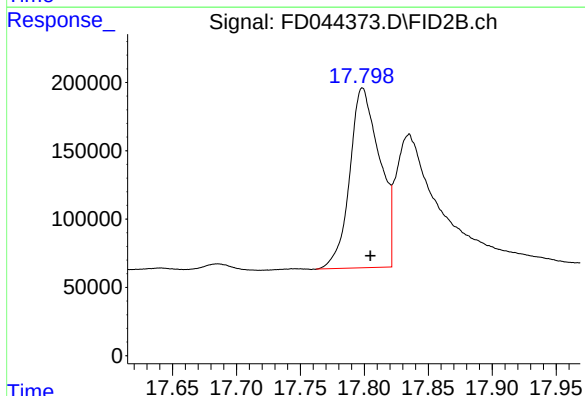
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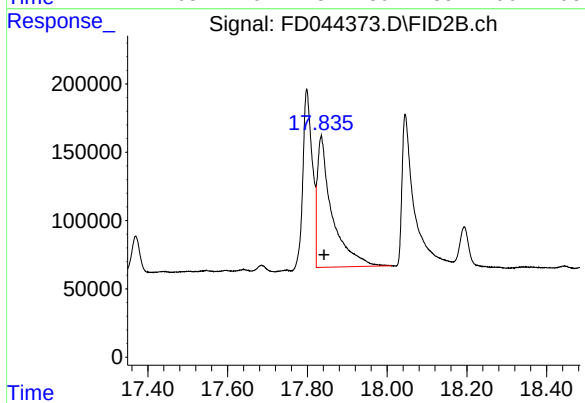
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: -0.007 min
Response: 2569113
Conc: 22.11 ug/ml m



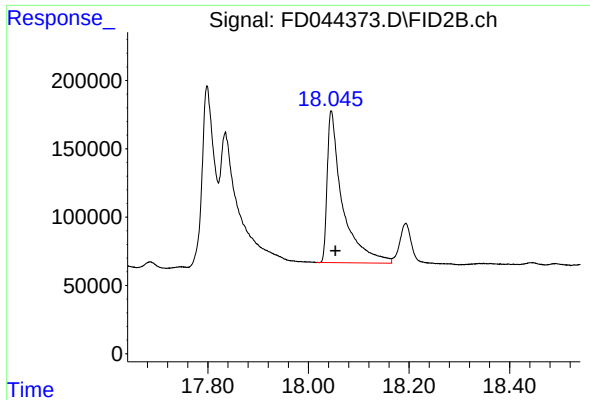
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.007 min
Response: 2154504
Conc: 20.21 ug/ml m



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

R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 2452911
Conc: 19.83 ug/ml m



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

R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 2349305
Conc: 20.01 ug/ml

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