

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042730.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jun 2022 9:13
 Operator : UA/NP
 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 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 09:36:30 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

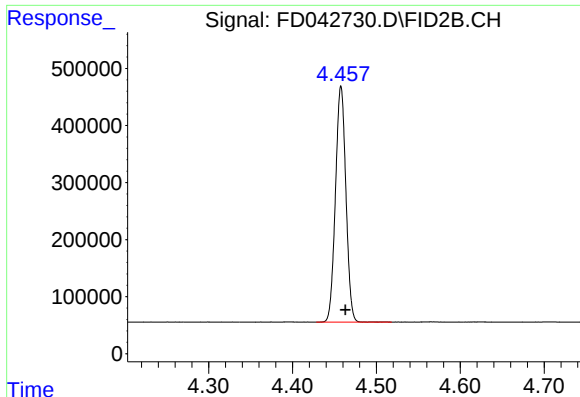
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.668	3204339	20.969 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
6) S 2-Fluorobiphenyl (SURR)	8.532	2138656	20.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.59%
11) S ortho-Terphenyl (SURR)	11.581	3569262	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	3573203	21.342 ug/ml
2) T Naphthalene (C11.7)	6.001	3667743	21.214 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	3358743	21.062 ug/ml
5) T Acenaphthylene (C15.06)	8.335	3528752	20.424 ug/ml
7) T Acenaphthene (C15.5)	8.632	3539377	20.570 ug/ml
8) T Flouorene (C16.55)	9.414	3464715	20.638 ug/ml
9) T Phenanthrene (C19.36)	10.813	3360418	20.435 ug/ml
10) T Anthracene (C19.43)	10.888	3031302	19.833 ug/ml
12) T Fluoranthene (C21.85)	12.628	3146648	19.973 ug/ml
13) T Pyrene (C20.8)	12.926	3072675	19.736 ug/ml
14) T Benzo[a]anthracene (C...	14.799	2808783	21.066 ug/ml
15) T Chrysene (C27.41)	14.842	2897913	21.934 ug/ml
16) T benzo[b]fluoranthene ...	16.352	2878031	21.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.383	2711858	21.895 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.730	2667668	21.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.096	2491883	22.356 ug/mlm
20) T Dibenz[a,h]anthracene...	18.137	2797606	25.150 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.352	2659726	22.378 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



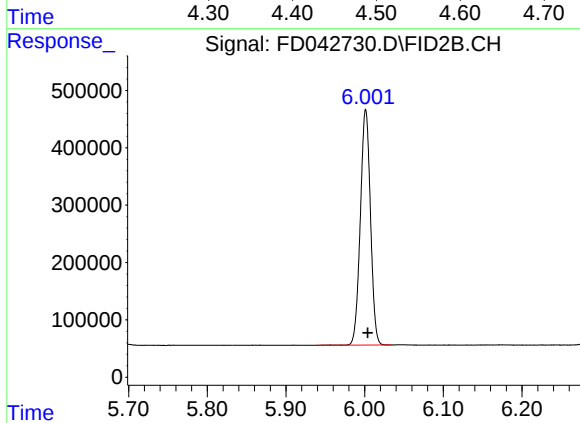
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 3573203
Conc: 21.34 ug/ml

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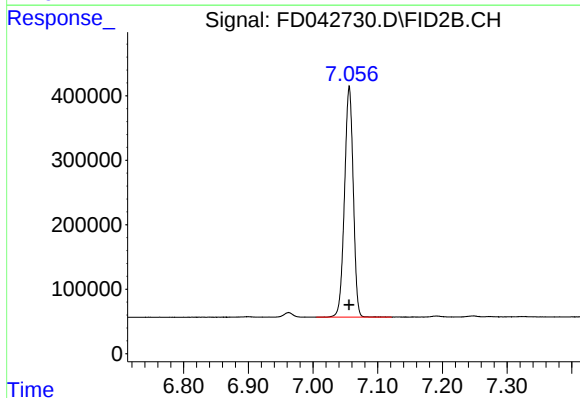
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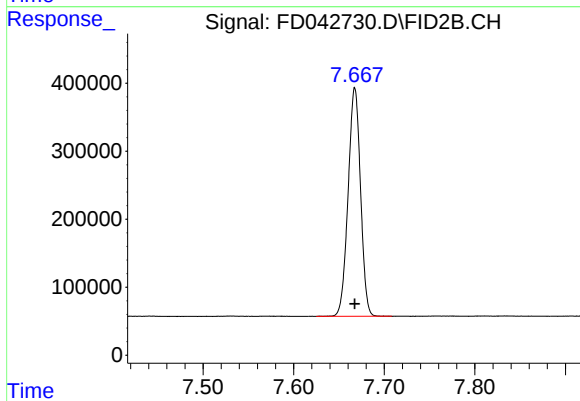
#2 Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 3667743
Conc: 21.21 ug/ml



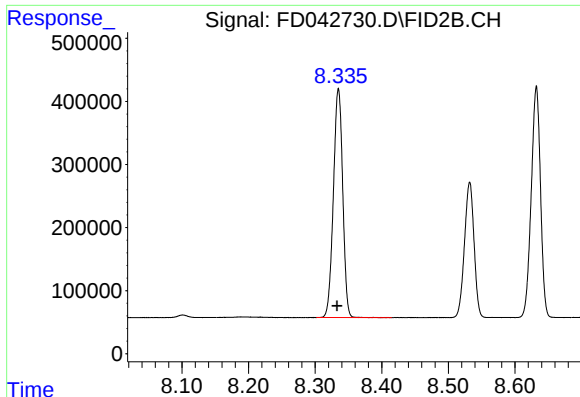
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 3358743
Conc: 21.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 3204339
Conc: 20.97 ug/ml



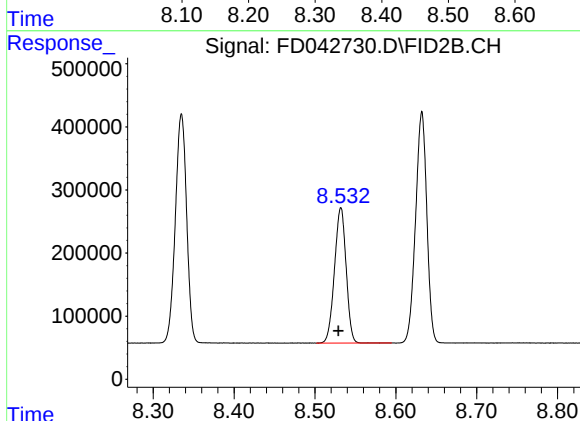
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 3528752
Conc: 20.42 ug/ml

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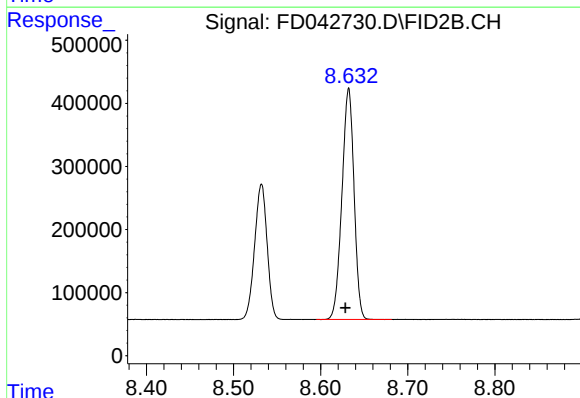
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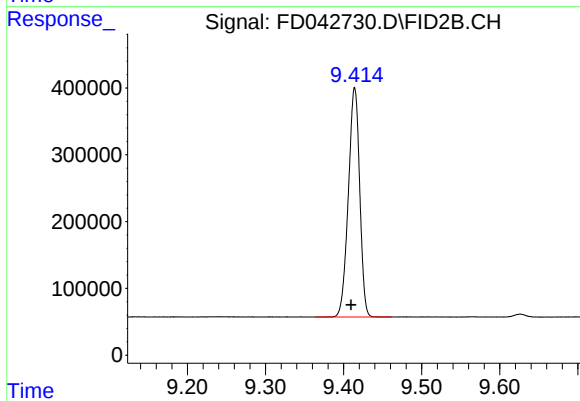
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 2138656
Conc: 20.79 ug/ml



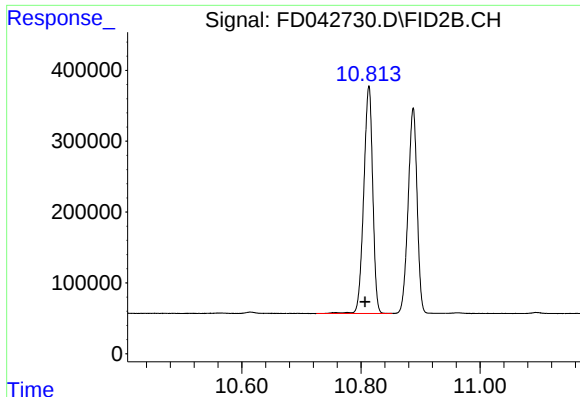
#7 Acenaphthene (C15.5)

R.T.: 8.632 min
Delta R.T.: 0.003 min
Response: 3539377
Conc: 20.57 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.414 min
Delta R.T.: 0.005 min
Response: 3464715
Conc: 20.64 ug/ml



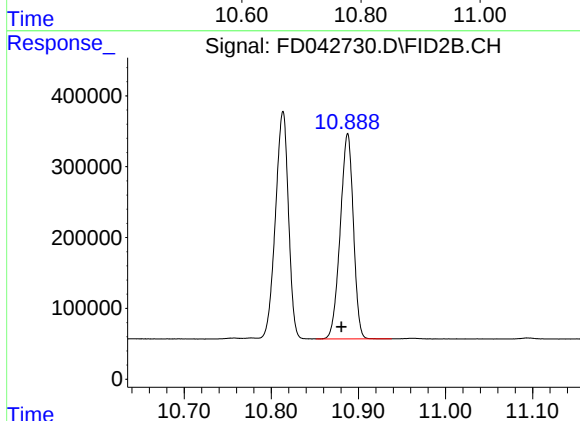
#9 Phenanthrene (C19.36)

R.T.: 10.813 min
Delta R.T.: 0.007 min
Response: 3360418
Conc: 20.44 ug/ml

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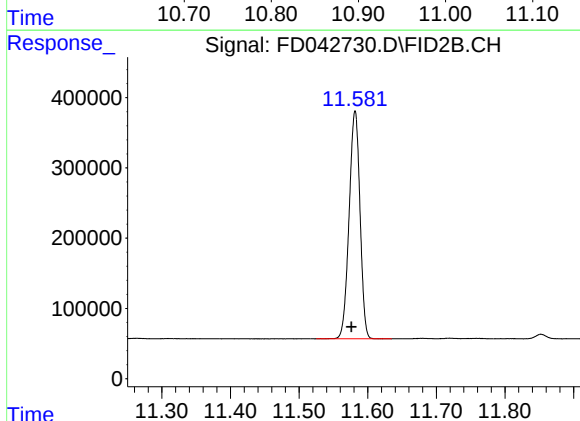
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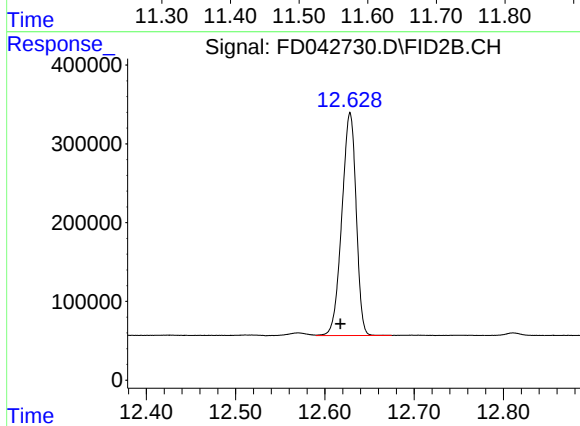
#10 Anthracene (C19.43)

R.T.: 10.888 min
Delta R.T.: 0.007 min
Response: 3031302
Conc: 19.83 ug/ml



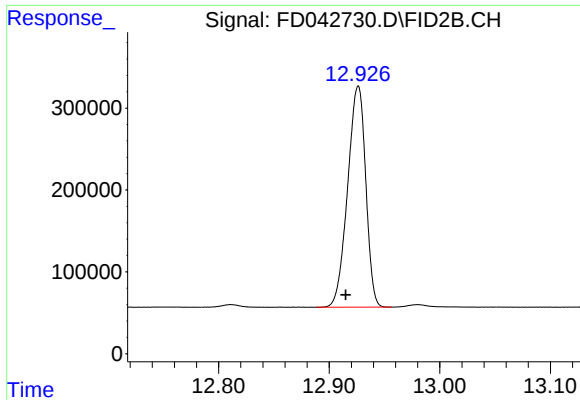
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.005 min
Response: 3569262
Conc: 20.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.628 min
Delta R.T.: 0.011 min
Response: 3146648
Conc: 19.97 ug/ml



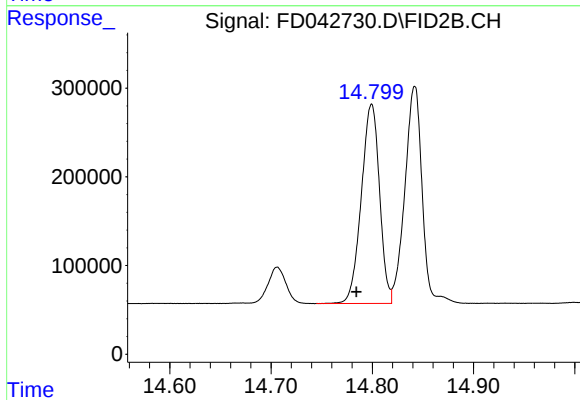
#13 Pyrene (C20.8)

R.T.: 12.926 min
Delta R.T.: 0.011 min
Response: 3072675
Conc: 19.74 ug/ml

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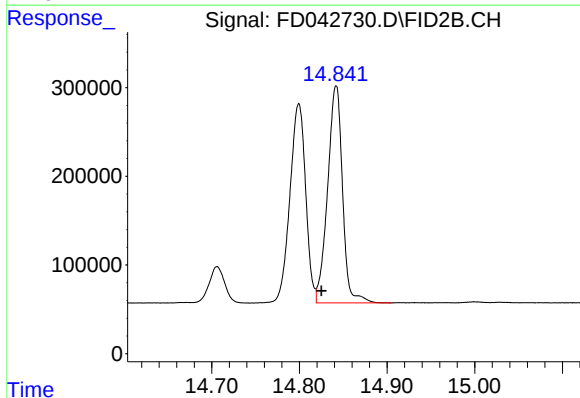
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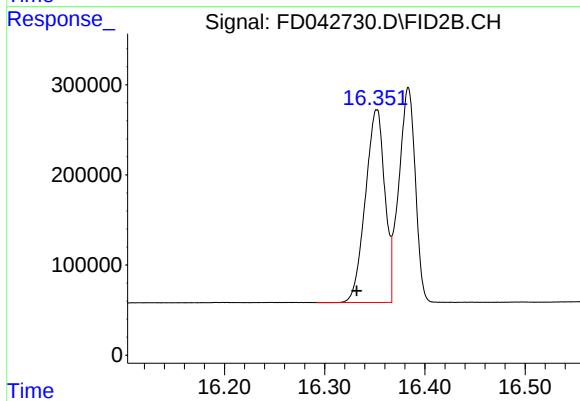
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.799 min
Delta R.T.: 0.015 min
Response: 2808783
Conc: 21.07 ug/ml



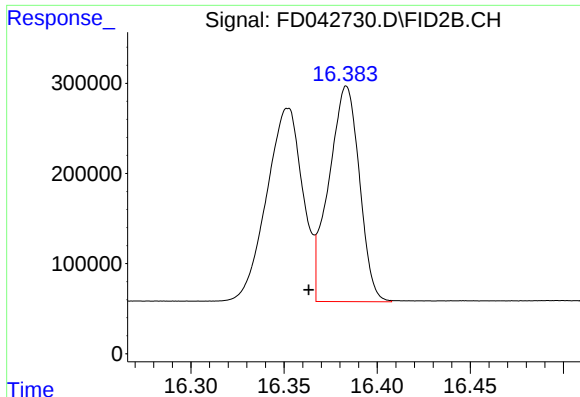
#15 Chrysene (C27.41)

R.T.: 14.842 min
Delta R.T.: 0.016 min
Response: 2897913
Conc: 21.93 ug/ml



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

R.T.: 16.352 min
Delta R.T.: 0.020 min
Response: 2878031
Conc: 21.60 ug/ml



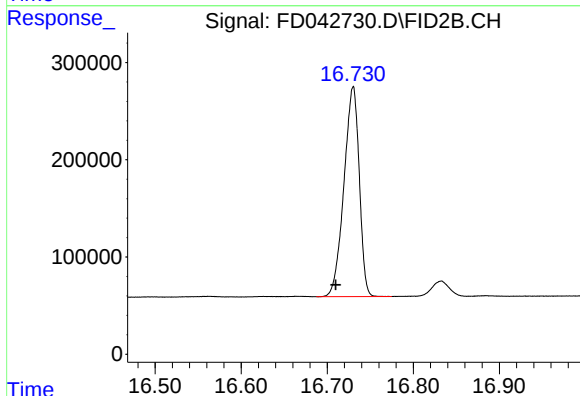
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.383 min
Delta R.T.: 0.020 min
Response: 2711858
Conc: 21.90 ug/ml

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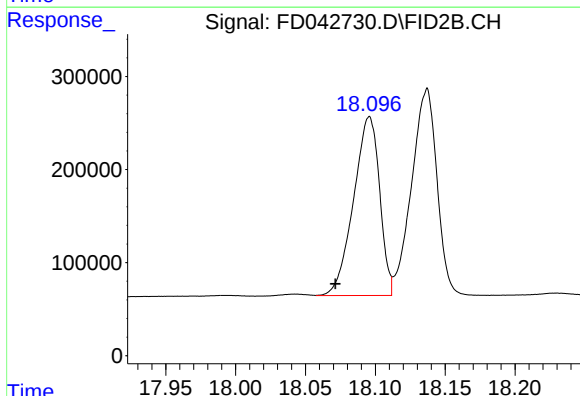
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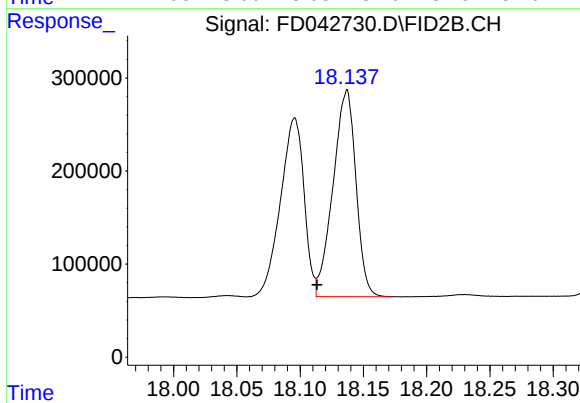
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.020 min
Response: 2667668
Conc: 21.55 ug/ml



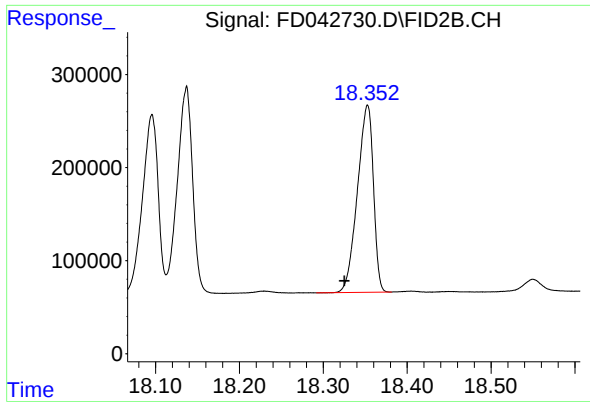
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.096 min
Delta R.T.: 0.024 min
Response: 2491883
Conc: 22.36 ug/ml m



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

R.T.: 18.137 min
Delta R.T.: 0.024 min
Response: 2797606
Conc: 25.15 ug/ml m



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

R.T.: 18.352 min
Delta R.T.: 0.027 min
Response: 2659726
Conc: 22.38 ug/ml

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