

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044590.D
 Signal(s) : FID2B.ch
 Acq On : 03 Dec 2022 03:17
 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 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: sample.E
 Quant Time: Dec 03 03:47:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

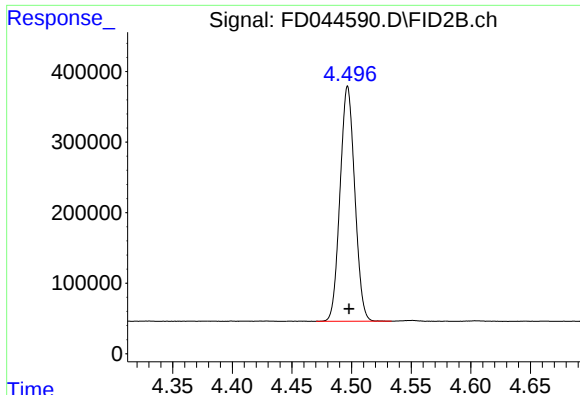
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.679	2585722	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
6) S 2-Fluorobiphenyl (SURR)	8.537	1757572	19.901 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.80%
11) S ortho-Terphenyl (SURR)	11.566	3263250	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2860282	20.043 ug/ml
2) T Naphthalene (C11.7)	6.026	2998129	19.940 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	3005891	19.895 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2749351	19.777 ug/ml
7) T Acenaphthene (C15.5)	8.636	2932647	19.983 ug/ml
8) T Flouorene (C16.55)	9.412	2885038	20.009 ug/ml
9) T Phenanthrene (C19.36)	10.802	2835899	19.887 ug/ml
10) T Anthracene (C19.43)	10.875	2625776	18.899 ug/ml
12) T Fluoranthene (C21.85)	12.603	2852784	20.011 ug/ml
13) T Pyrene (C20.8)	12.899	2783201	19.999 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2579347	19.935 ug/mlm
15) T Chrysene (C27.41)	14.801	2784568	20.655 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2649872	20.133 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	2688845	20.649 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2562311	19.826 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.029	2481748	19.472 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2624991	20.863 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2578260	20.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



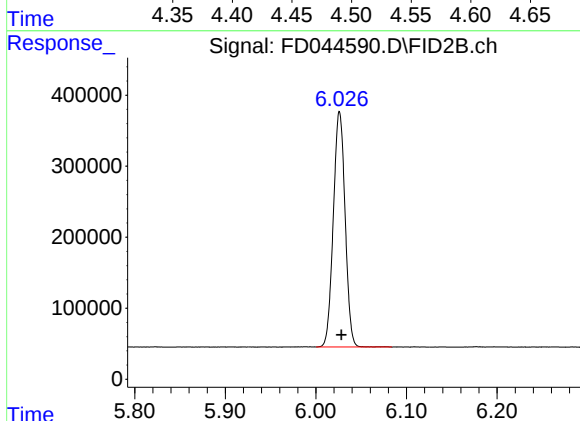
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 2860282
Conc: 20.04 ug/ml

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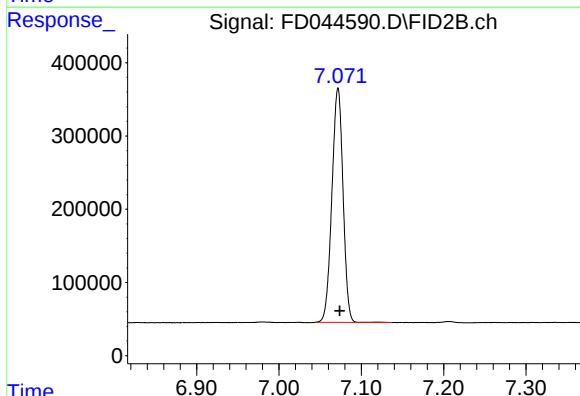
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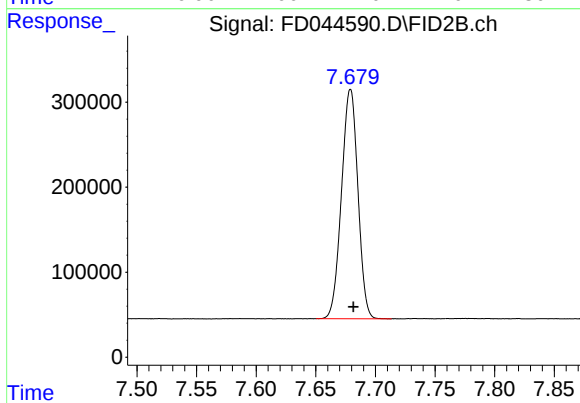
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 2998129
Conc: 19.94 ug/ml



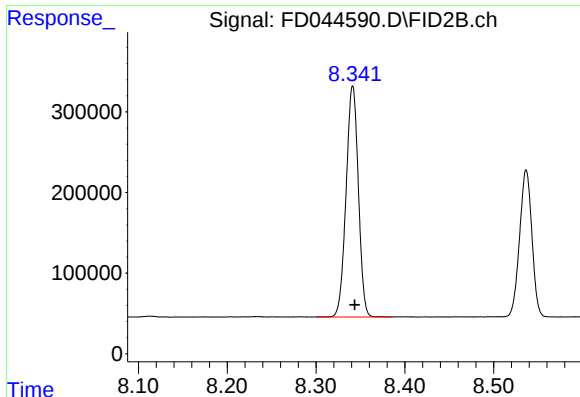
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 3005891
Conc: 19.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 2585722
Conc: 19.92 ug/ml



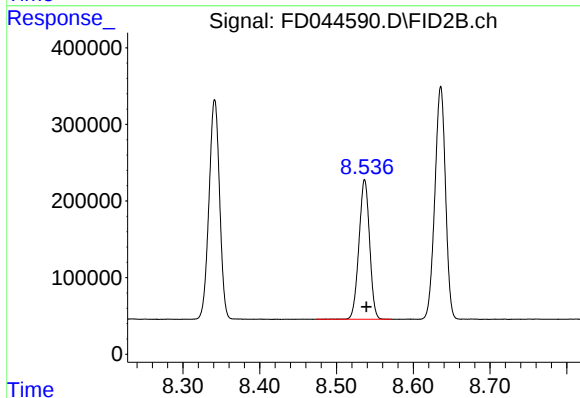
#5 Acenaphthylene (C15.06)

R.T.: 8.341 min
Delta R.T.: -0.002 min
Response: 2749351
Conc: 19.78 ug/ml

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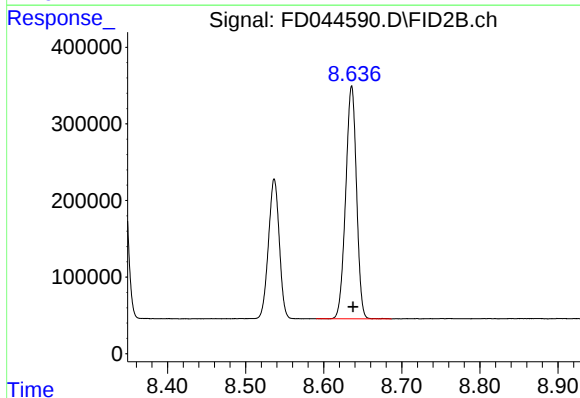
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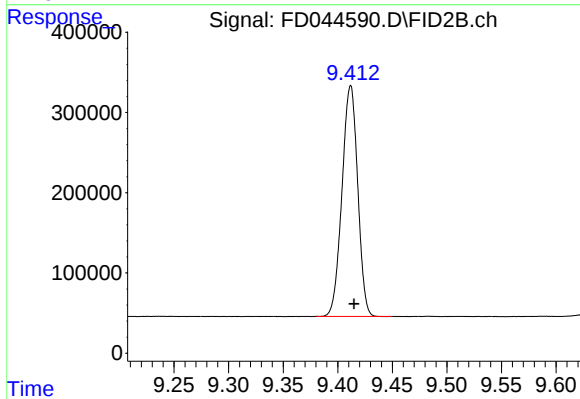
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 1757572
Conc: 19.90 ug/ml



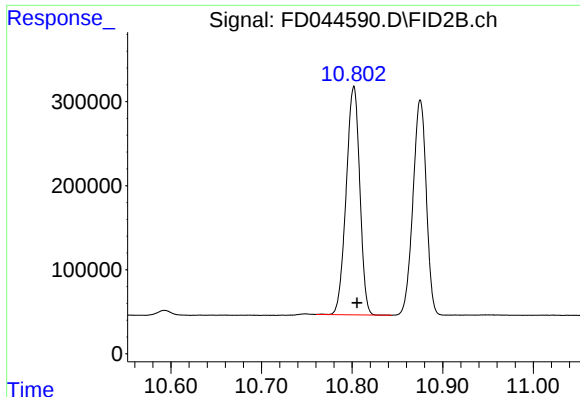
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 2932647
Conc: 19.98 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 2885038
Conc: 20.01 ug/ml



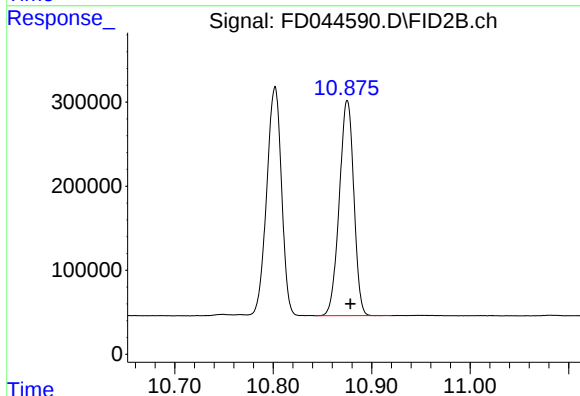
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.004 min
Response: 2835899
Conc: 19.89 ug/ml

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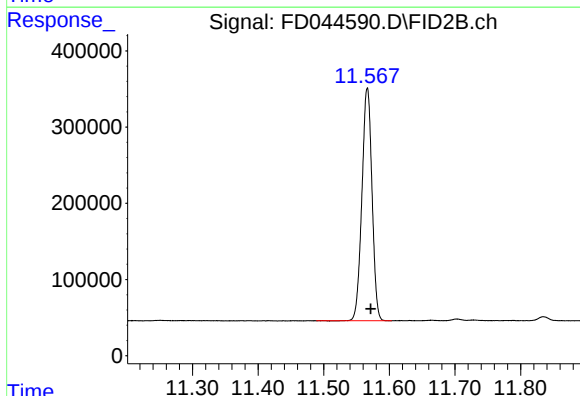
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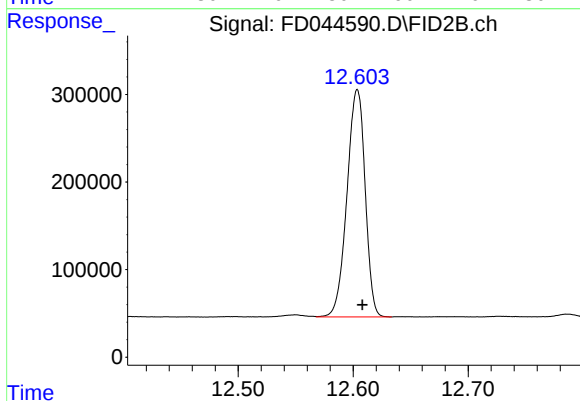
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.003 min
Response: 2625776
Conc: 18.90 ug/ml



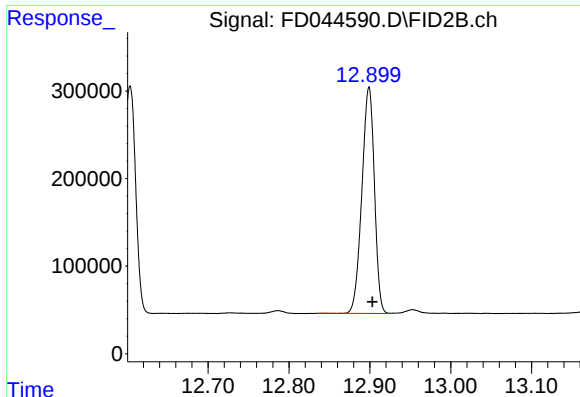
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.005 min
Response: 3263250
Conc: 20.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.603 min
Delta R.T.: -0.005 min
Response: 2852784
Conc: 20.01 ug/ml



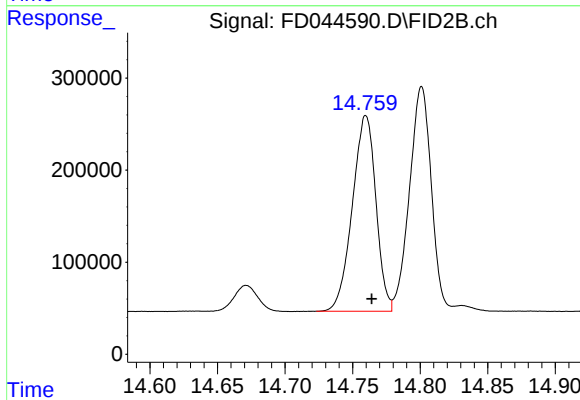
#13 Pyrene (C20.8)

R.T.: 12.899 min
Delta R.T.: -0.004 min
Response: 2783201
Conc: 20.00 ug/ml

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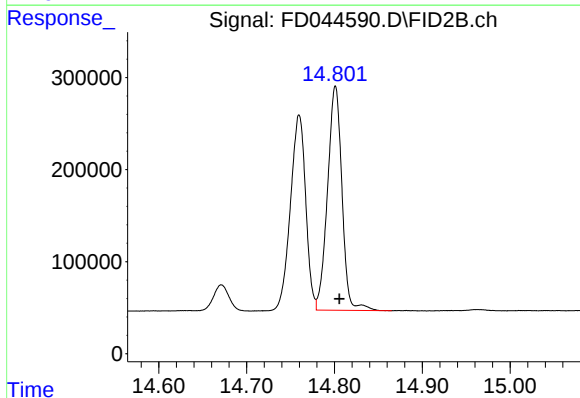
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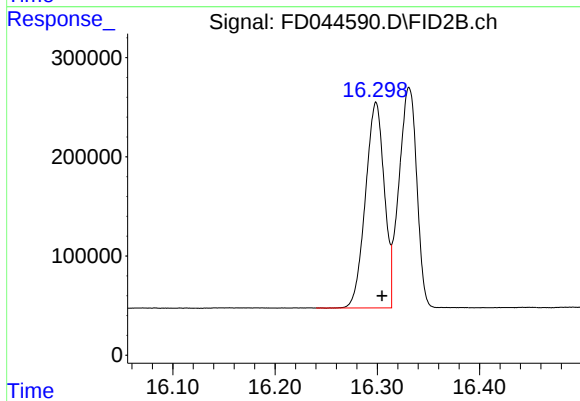
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.005 min
Response: 2579347
Conc: 19.93 ug/ml m



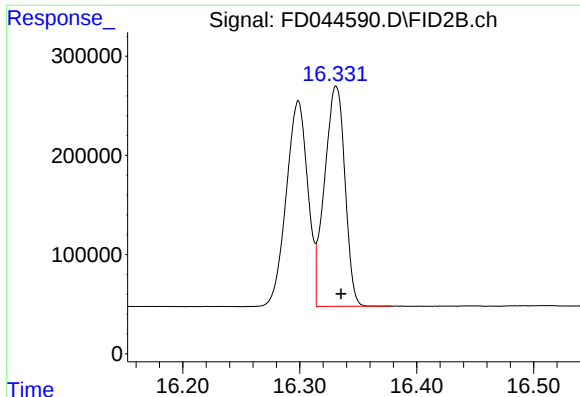
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.005 min
Response: 2784568
Conc: 20.65 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.006 min
Response: 2649872
Conc: 20.13 ug/ml



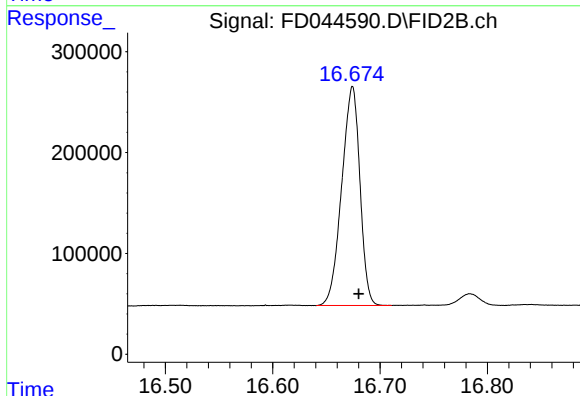
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.331 min
Delta R.T.: -0.004 min
Response: 2688845
Conc: 20.65 ug/ml

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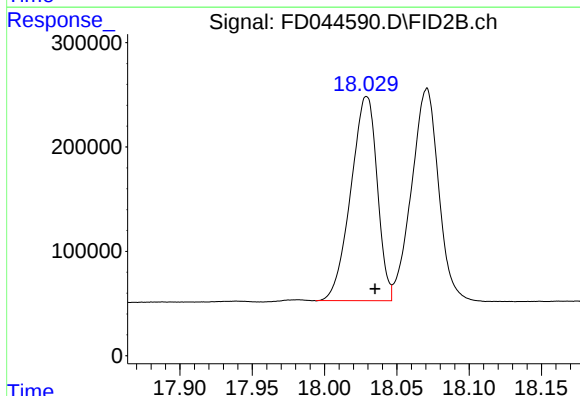
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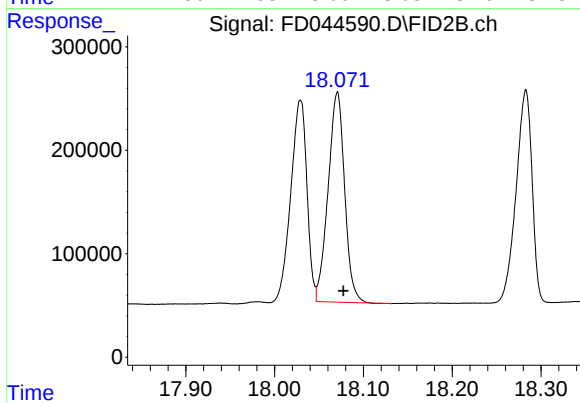
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.006 min
Response: 2562311
Conc: 19.83 ug/ml m



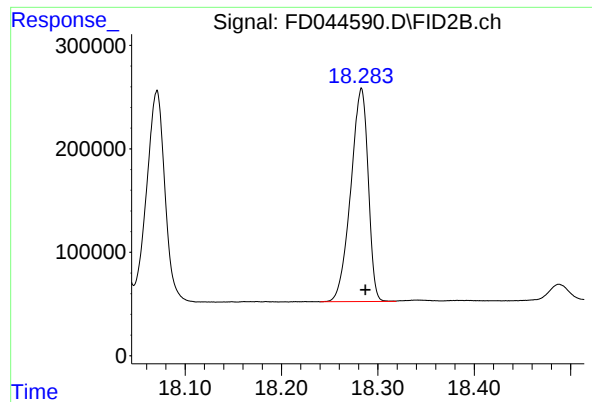
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: -0.006 min
Response: 2481748
Conc: 19.47 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 2624991
Conc: 20.86 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.004 min
Response: 2578260
Conc: 20.05 ug/ml

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