

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044578.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 15:51
 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 01:45:09 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

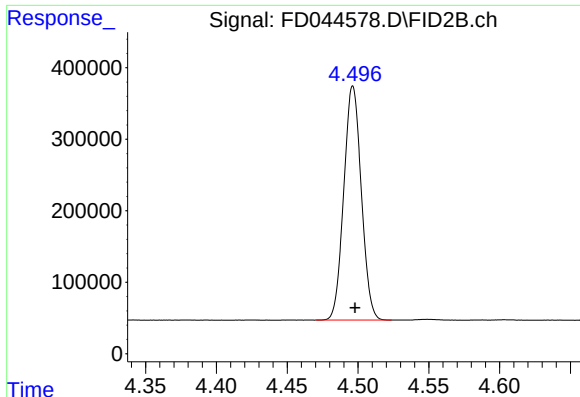
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.679	2555652	19.692 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.536	1734512	19.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.28%
11) S ortho-Terphenyl (SURR)	11.567	3210296	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2815589	19.730 ug/ml
2) T Naphthalene (C11.7)	6.026	2969053	19.747 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	2974041	19.684 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2715208	19.532 ug/ml
7) T Acenaphthene (C15.5)	8.636	2884476	19.655 ug/ml
8) T Flouorene (C16.55)	9.412	2850381	19.769 ug/ml
9) T Phenanthrene (C19.36)	10.801	2793373	19.589 ug/ml
10) T Anthracene (C19.43)	10.875	2589855	18.641 ug/ml
12) T Fluoranthene (C21.85)	12.603	2809119	19.705 ug/ml
13) T Pyrene (C20.8)	12.899	2730376	19.619 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2511500	19.410 ug/ml
15) T Chrysene (C27.41)	14.800	2732838	20.271 ug/ml
16) T benzo[b]fluoranthene ...	16.298	2609274	19.824 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	2635597	20.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2522883	19.521 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.028	2456958	19.278 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2574377	20.460 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2523698	19.622 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



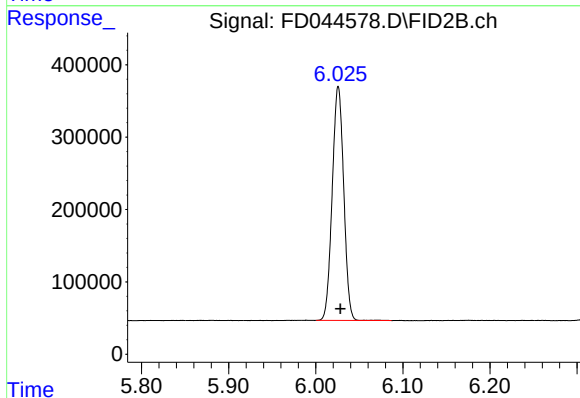
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 2815589
Conc: 19.73 ug/ml

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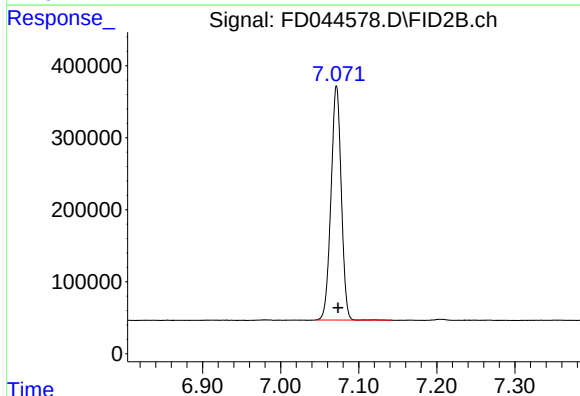
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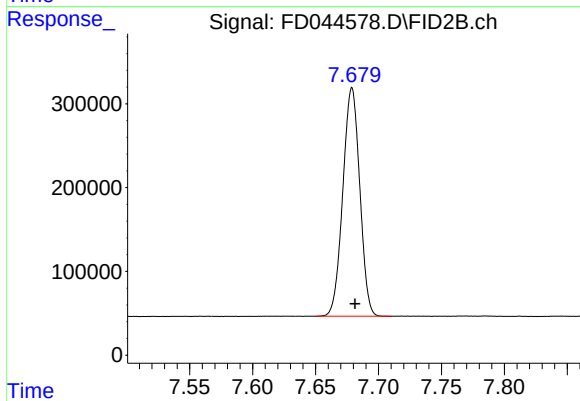
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 2969053
Conc: 19.75 ug/ml



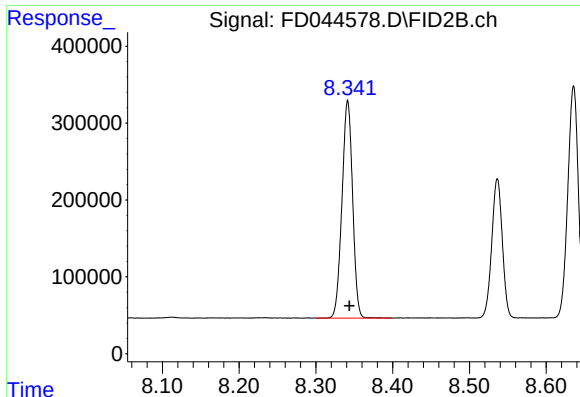
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 2974041
Conc: 19.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 2555652
Conc: 19.69 ug/ml



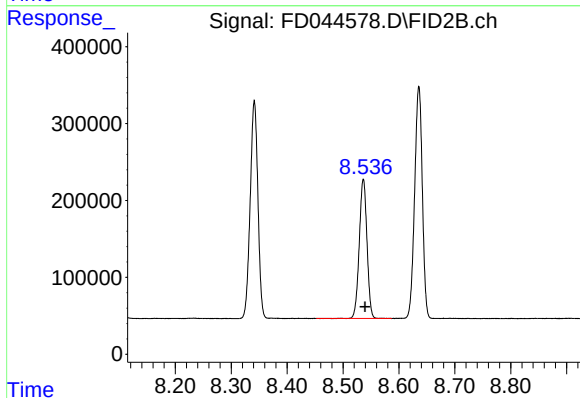
#5 Acenaphthylene (C15.06)

R.T.: 8.341 min
Delta R.T.: -0.002 min
Response: 2715208
Conc: 19.53 ug/ml

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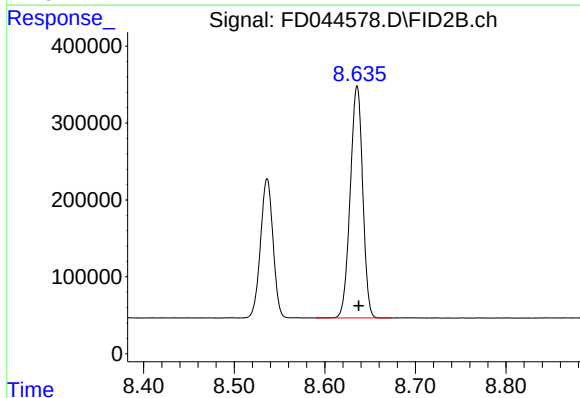
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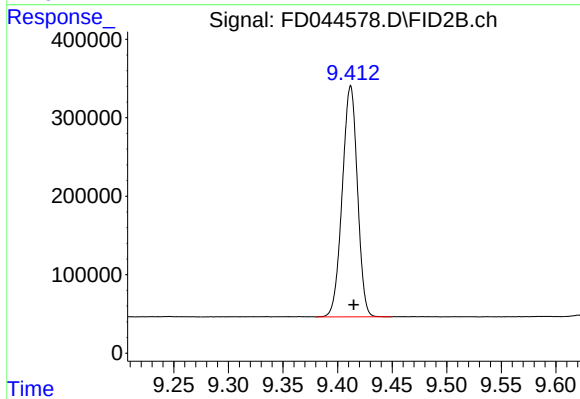
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 1734512
Conc: 19.64 ug/ml



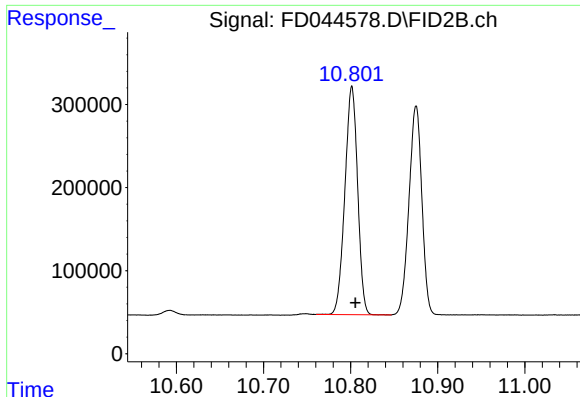
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 2884476
Conc: 19.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 2850381
Conc: 19.77 ug/ml



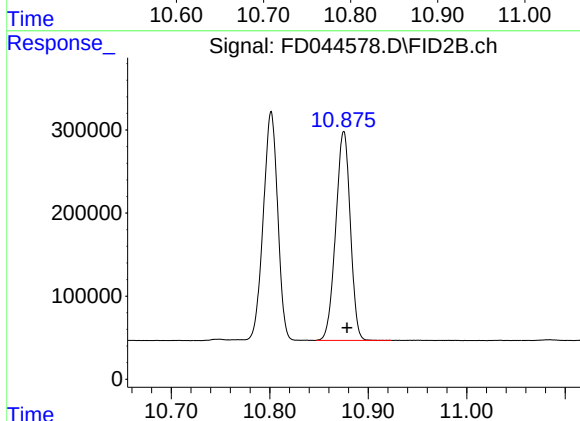
#9 Phenanthrene (C19.36)

R.T.: 10.801 min
Delta R.T.: -0.004 min
Response: 2793373
Conc: 19.59 ug/ml

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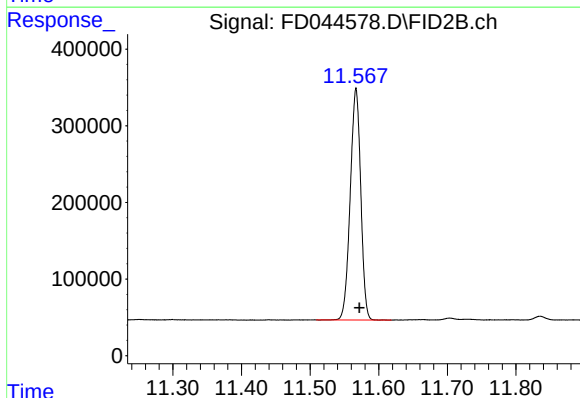
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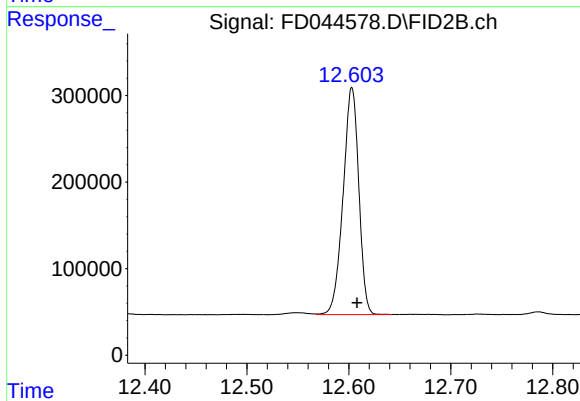
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.003 min
Response: 2589855
Conc: 18.64 ug/ml



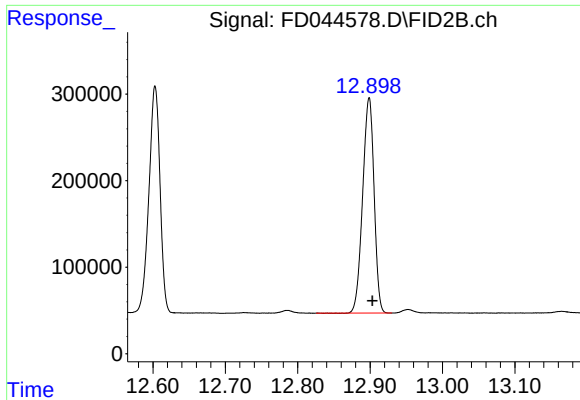
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 3210296
Conc: 19.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.603 min
Delta R.T.: -0.005 min
Response: 2809119
Conc: 19.71 ug/ml



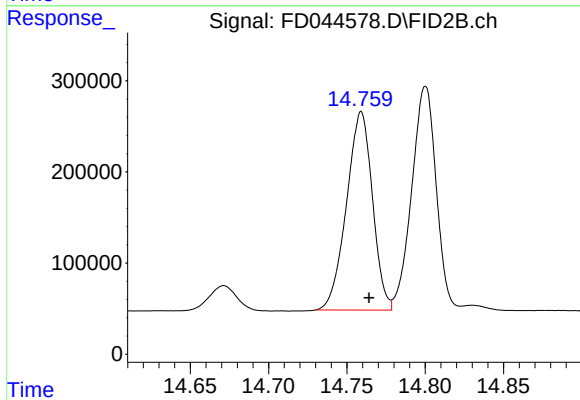
#13 Pyrene (C20.8)

R.T.: 12.899 min
Delta R.T.: -0.005 min
Response: 2730376
Conc: 19.62 ug/ml

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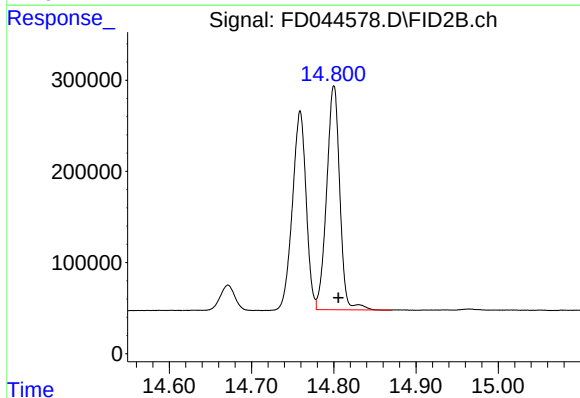
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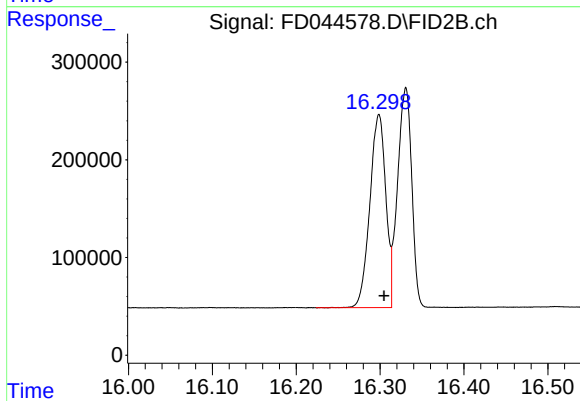
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.005 min
Response: 2511500
Conc: 19.41 ug/ml



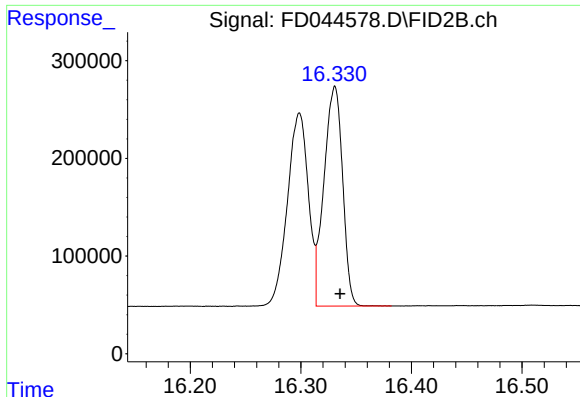
#15 Chrysene (C27.41)

R.T.: 14.800 min
Delta R.T.: -0.006 min
Response: 2732838
Conc: 20.27 ug/ml



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

R.T.: 16.298 min
Delta R.T.: -0.006 min
Response: 2609274
Conc: 19.82 ug/ml



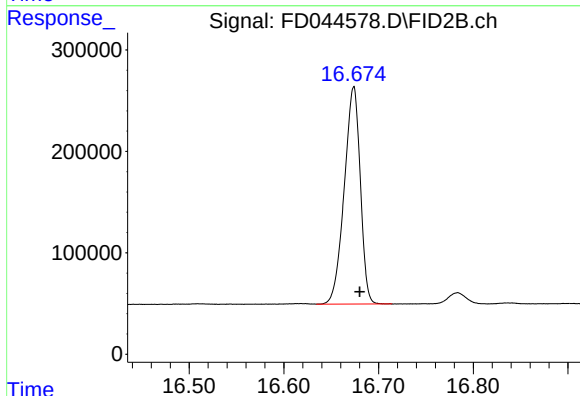
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: -0.005 min
Response: 2635597
Conc: 20.24 ug/ml

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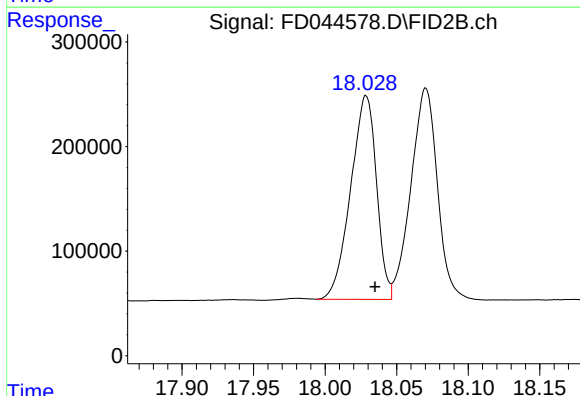
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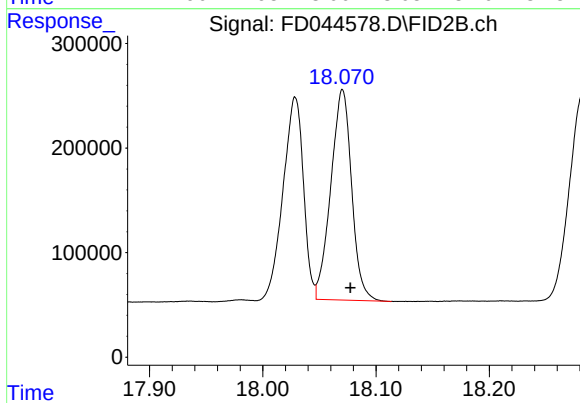
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.006 min
Response: 2522883
Conc: 19.52 ug/ml m



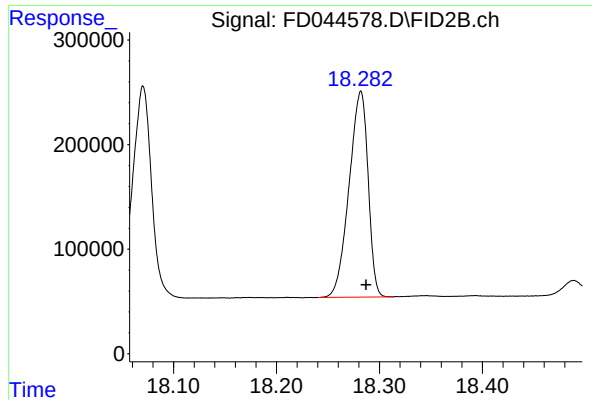
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: -0.007 min
Response: 2456958
Conc: 19.28 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 2574377
Conc: 20.46 ug/ml



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

R.T.: 18.282 min
Delta R.T.: -0.006 min
Response: 2523698
Conc: 19.62 ug/ml

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