

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043097.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 23:08
 Operator : YP/AJ
 Sample : N3514-03MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14B-10-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 02:51:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

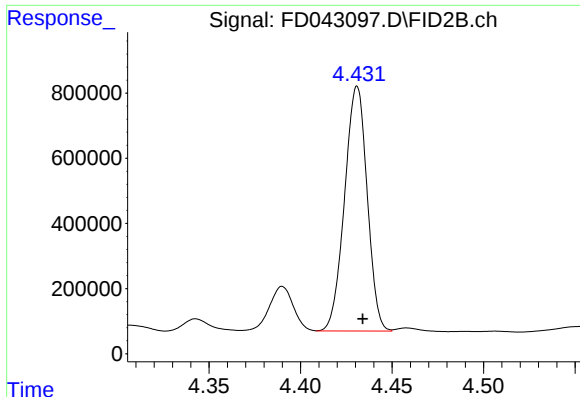
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.634	6227976	40.334 ug/mlm
Spiked Amount 50.000		Recovery =	80.67%
6) S 2-Fluorobiphenyl (SURR)	8.499	4201490	39.834 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.67%
11) S ortho-Terphenyl (SURR)	11.544	6666997	36.682 ug/mlm
Spiked Amount 50.000		Recovery =	73.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.431	6455322	38.436 ug/mlm
2) T Naphthalene (C11.7)	5.971	8006934	45.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	9280000	57.696 ug/mlm
5) T Acenaphthylene (C15.06)	8.305	10278206	57.825 ug/mlm
7) T Acenaphthene (C15.5)	8.602	9735530	55.596 ug/mlm
8) T Flouorene (C16.55)	9.384	10067542	58.080 ug/mlm
9) T Phenanthrene (C19.36)	10.784	10151958	59.191 ug/mlm
10) T Anthracene (C19.43)	10.859	9914260	58.356 ug/mlm
12) T Fluoranthene (C21.85)	12.596	9359512	55.806 ug/ml
13) T Pyrene (C20.8)	12.894	9138726	56.077 ug/ml
14) T Benzo[a]anthracene (C...	14.767	8633932	55.596 ug/ml
15) T Chrysene (C27.41)	14.812	10075041	63.835 ug/ml
16) T benzo[b]fluoranthene ...	16.320	8350937	54.783 ug/ml
17) T Bnezo[k]fluoranthene ...	16.354	7909569	54.042 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	7311939	51.121 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.065	8019060	64.082 ug/ml
20) T Dibenz[a,h]anthracene...	18.104	7473464	55.590 ug/ml
21) T Benzo[g,h,i]perylene ...	18.323	7655607	58.695 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



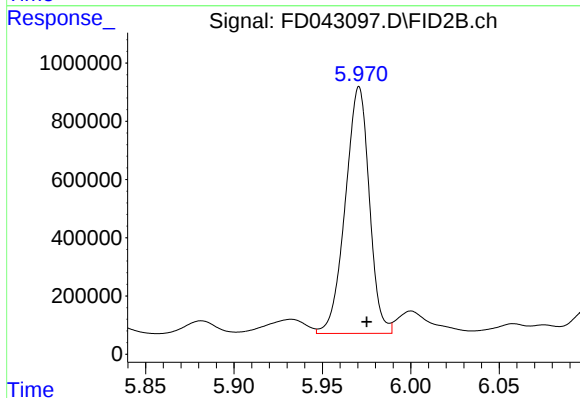
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 6455322
Conc: 38.44 ug/ml

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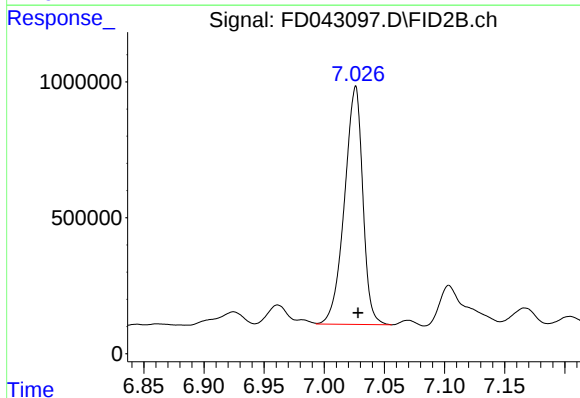
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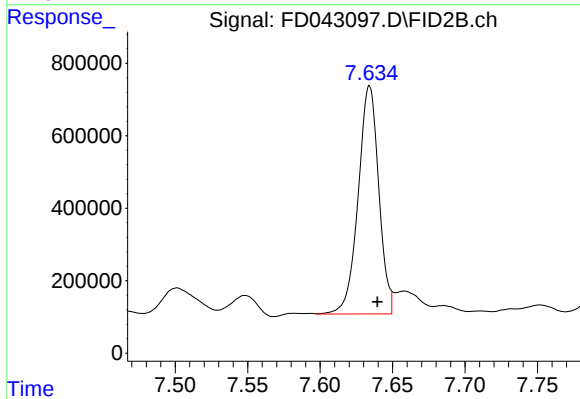
#2 Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 8006934
Conc: 45.74 ug/ml



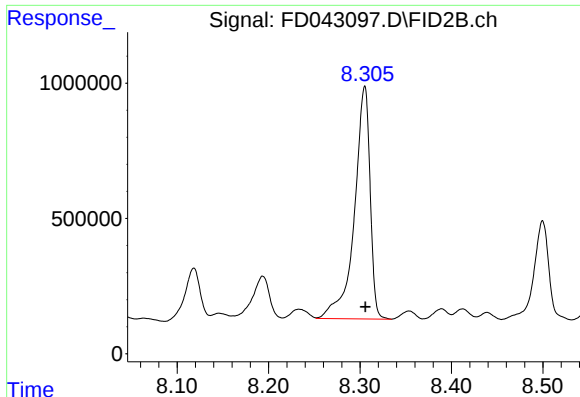
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 9280000
Conc: 57.70 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.634 min
Delta R.T.: -0.006 min
Response: 6227976
Conc: 40.33 ug/ml m



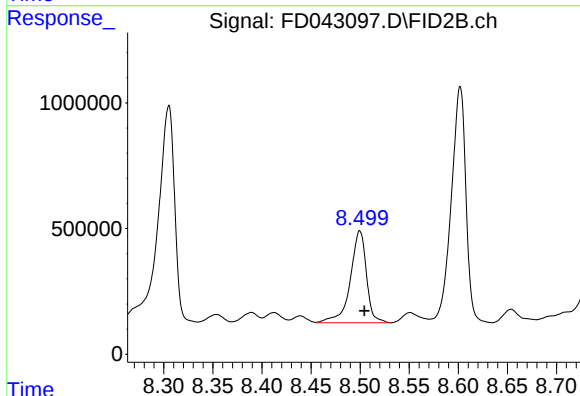
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 10278206
Conc: 57.82 ug/ml

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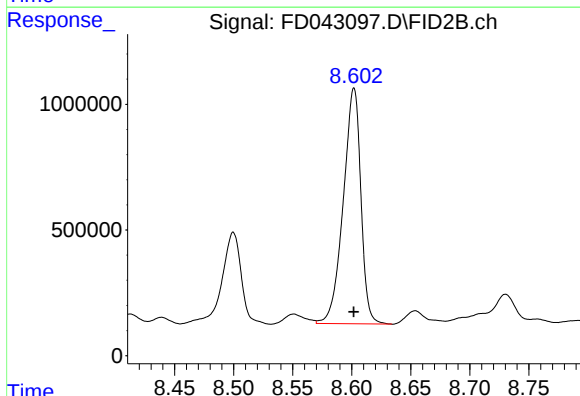
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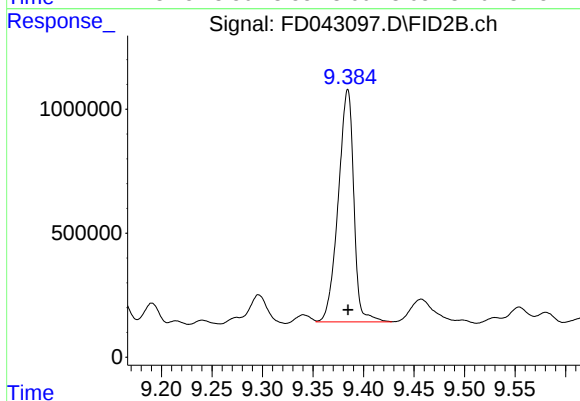
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 4201490
Conc: 39.83 ug/ml m



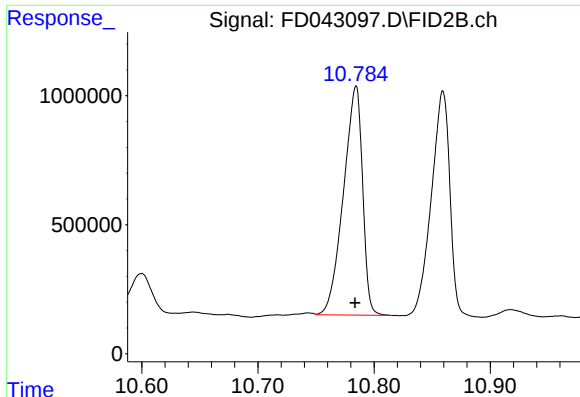
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 9735530
Conc: 55.60 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.384 min
Delta R.T.: 0.000 min
Response: 10067542
Conc: 58.08 ug/ml m



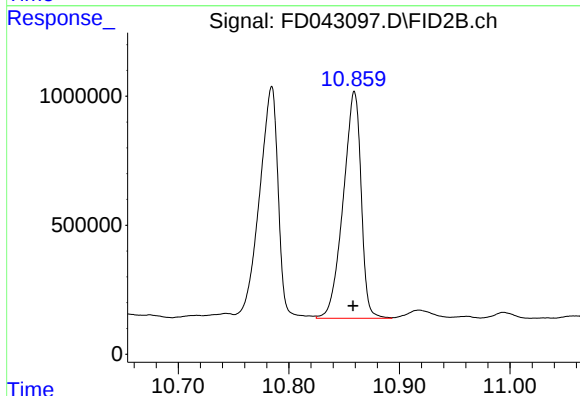
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: 0.000 min
Response: 10151958
Conc: 59.19 ug/ml

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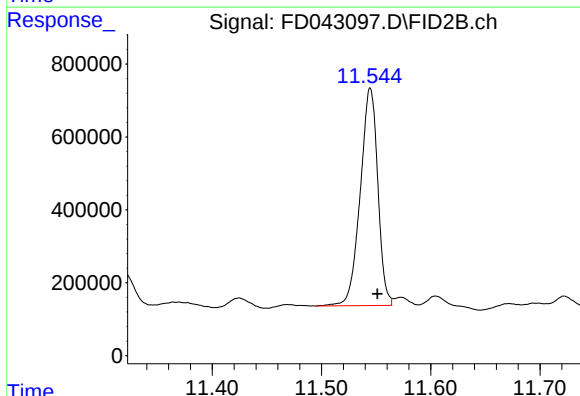
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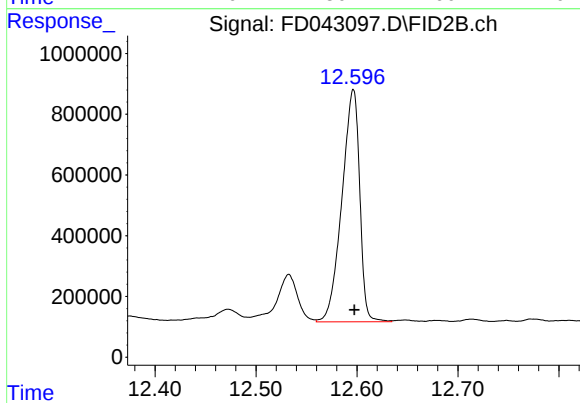
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 9914260
Conc: 58.36 ug/ml m



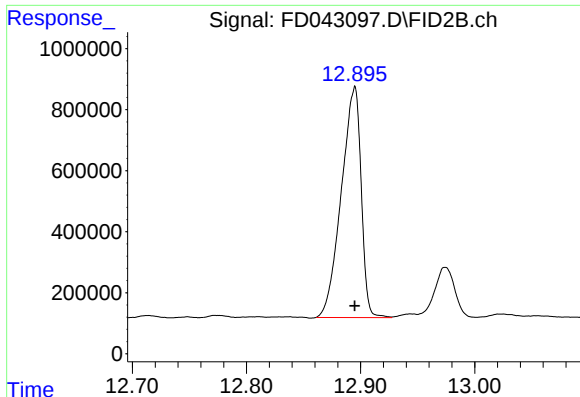
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.007 min
Response: 6666997
Conc: 36.68 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.596 min
Delta R.T.: -0.002 min
Response: 9359512
Conc: 55.81 ug/ml



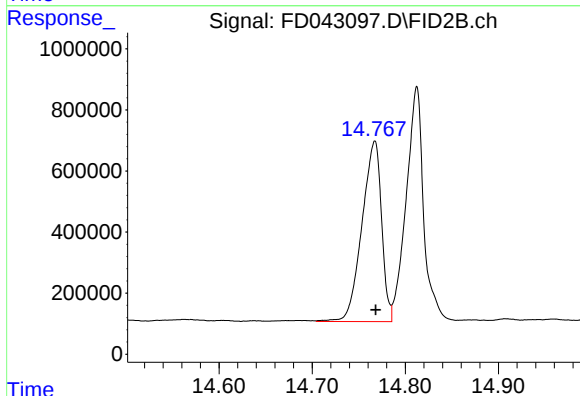
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.001 min
Response: 9138726
Conc: 56.08 ug/ml

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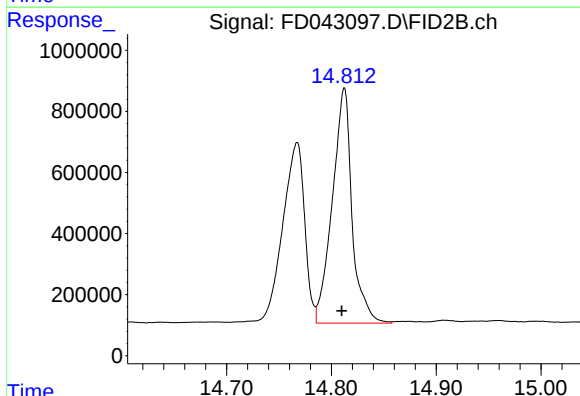
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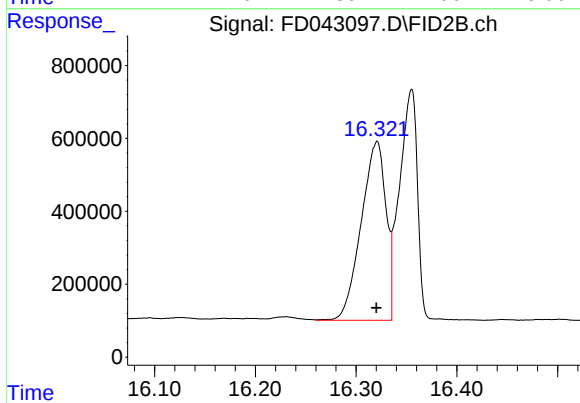
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.767 min
Delta R.T.: -0.002 min
Response: 8633932
Conc: 55.60 ug/ml



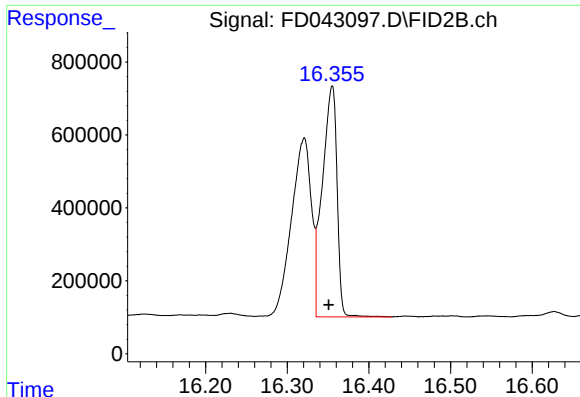
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: 0.002 min
Response: 10075041
Conc: 63.83 ug/ml



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

R.T.: 16.320 min
Delta R.T.: 0.000 min
Response: 8350937
Conc: 54.78 ug/ml



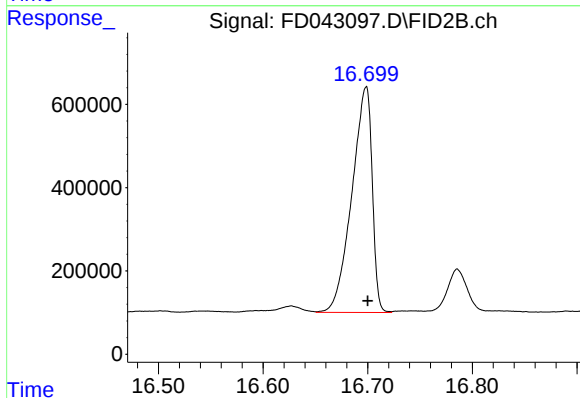
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.354 min
Delta R.T.: 0.004 min
Response: 7909569
Conc: 54.04 ug/ml

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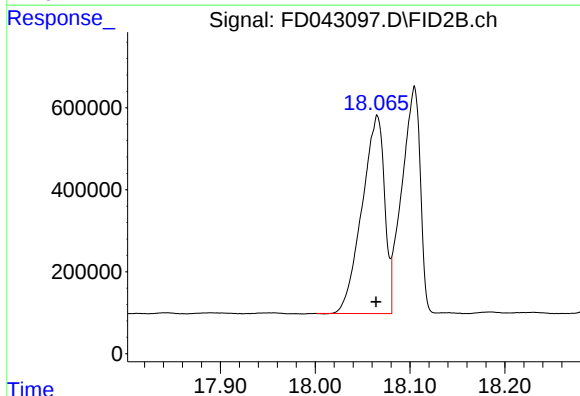
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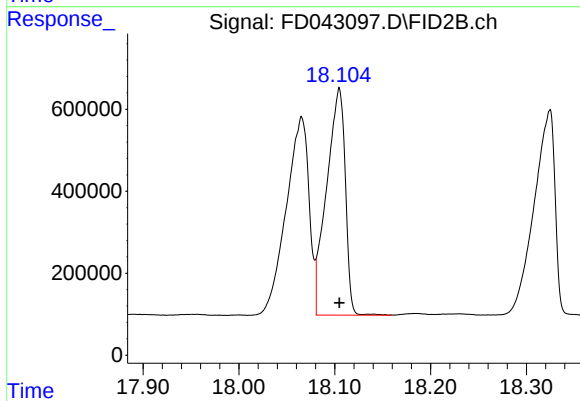
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.003 min
Response: 7311939
Conc: 51.12 ug/ml



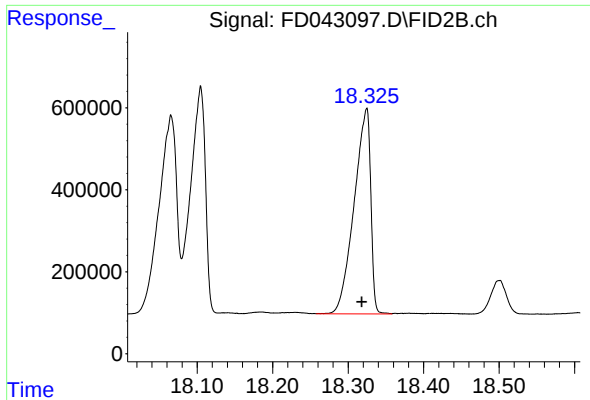
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 8019060
Conc: 64.08 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 7473464
Conc: 55.59 ug/ml



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

R.T.: 18.323 min
Delta R.T.: 0.005 min
Response: 7655607
Conc: 58.70 ug/ml

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