

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043140.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 02:01
 Operator : YP/AJ
 Sample : N3537-01MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:05:36 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

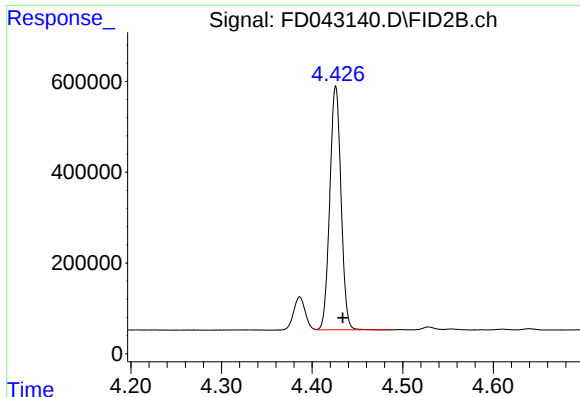
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.630	6066538	39.289 ug/ml
Spiked Amount 50.000		Recovery =	78.58%
6) S 2-Fluorobiphenyl (SURR)	8.493	4161139	39.452 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.90%
11) S ortho-Terphenyl (SURR)	11.536	4815974	26.498 ug/ml
Spiked Amount 50.000		Recovery =	53.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	4619743	27.506 ug/ml
2) T Naphthalene (C11.7)	5.965	5187001	29.628 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	5275766	32.800 ug/ml
5) T Acenaphthylene (C15.06)	8.296	5188481	29.190 ug/ml
7) T Acenaphthene (C15.5)	8.592	5562316	31.764 ug/ml
8) T Flouorene (C16.55)	9.374	5706886	32.923 ug/ml
9) T Phenanthrene (C19.36)	10.771	5891275	34.349 ug/ml
10) T Anthracene (C19.43)	10.847	5868741	34.544 ug/ml
12) T Fluoranthene (C21.85)	12.584	5982771	35.672 ug/ml
13) T Pyrene (C20.8)	12.882	5891738	36.153 ug/mlm
14) T Benzo[a]anthracene (C...	14.753	5572212	35.881 ug/ml
15) T Chrysene (C27.41)	14.797	6381264	40.431 ug/ml
16) T benzo[b]fluoranthene ...	16.305	5403008	35.444 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	5322414	36.365 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	4835878	33.809 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	5281980	42.210 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	5109676	38.008 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	5056961	38.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



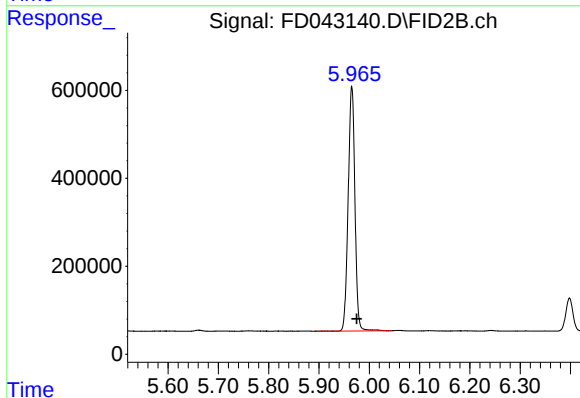
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.008 min
Response: 4619743
Conc: 27.51 ug/ml

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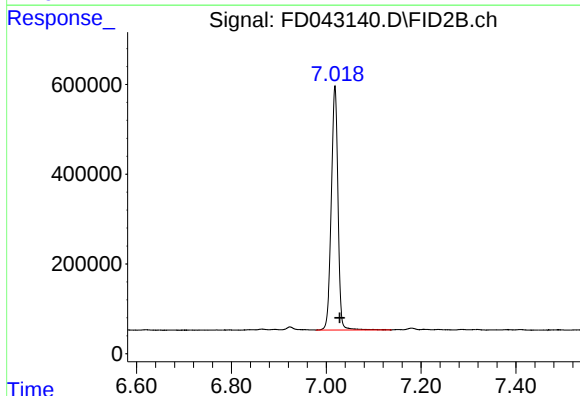
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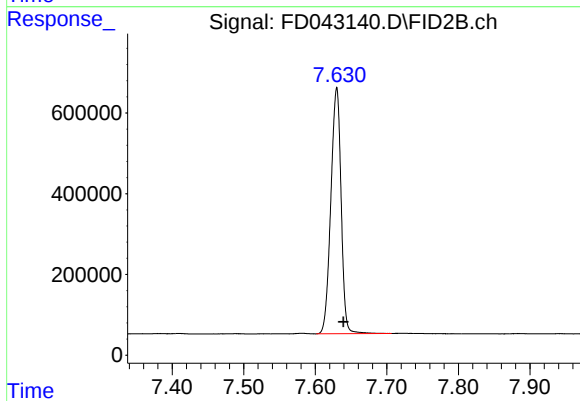
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 5187001
Conc: 29.63 ug/ml



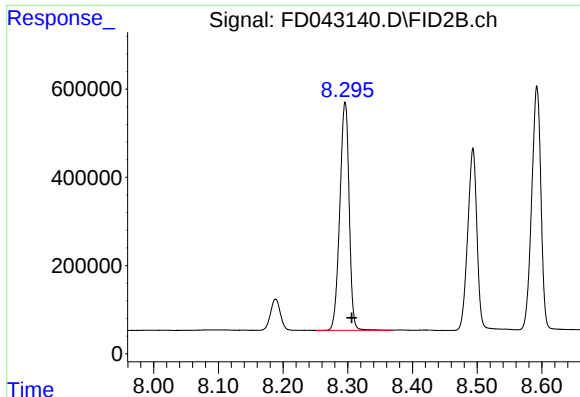
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 5275766
Conc: 32.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 6066538
Conc: 39.29 ug/ml



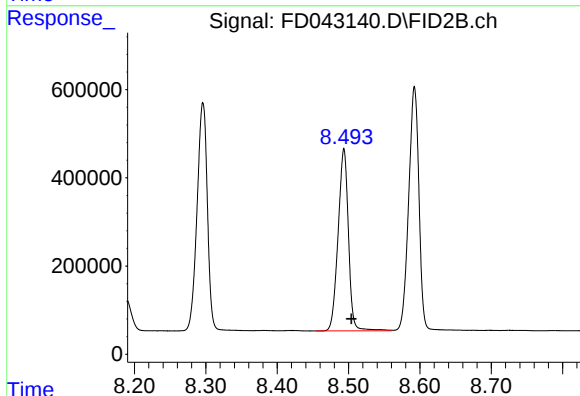
#5 Acenaphthylene (C15.06)

R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 5188481
Conc: 29.19 ug/ml

Instrument :
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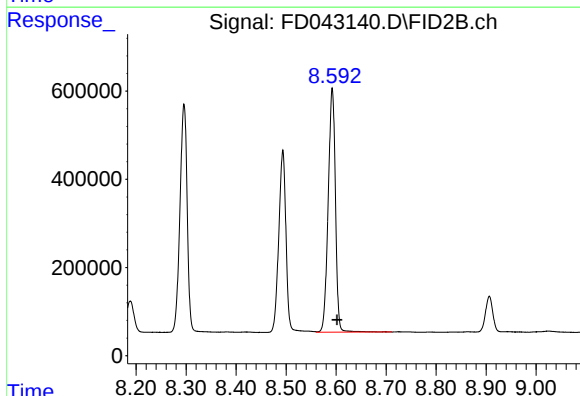
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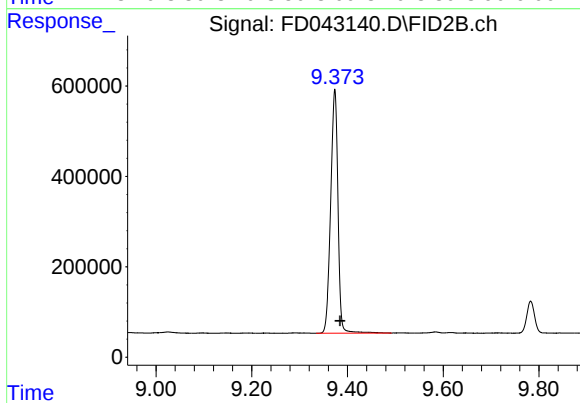
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 4161139
Conc: 39.45 ug/ml



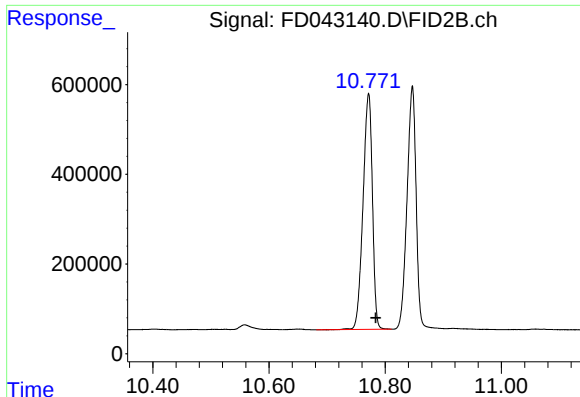
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.010 min
Response: 5562316
Conc: 31.76 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.011 min
Response: 5706886
Conc: 32.92 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.771 min
Delta R.T.: -0.013 min
Response: 5891275
Conc: 34.35 ug/ml

Instrument :

FID_D

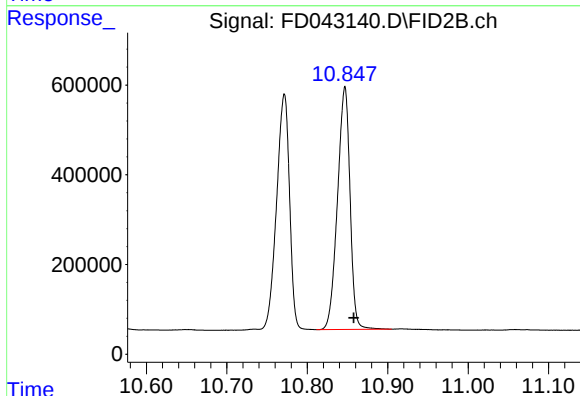
ClientSampleId :

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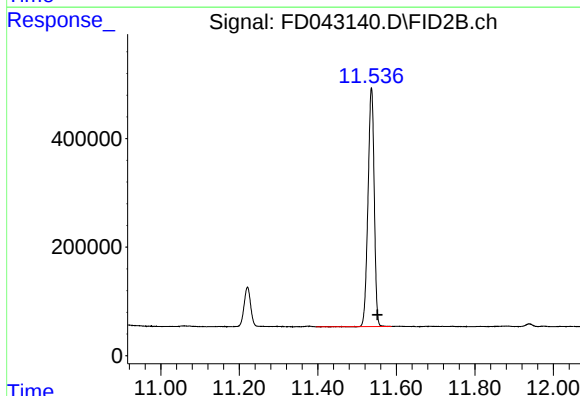
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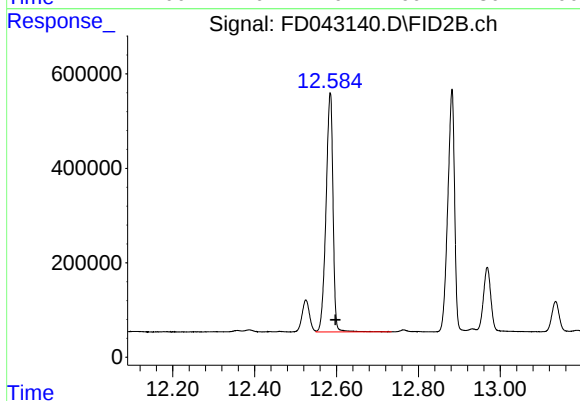
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.012 min
Response: 5868741
Conc: 34.54 ug/ml



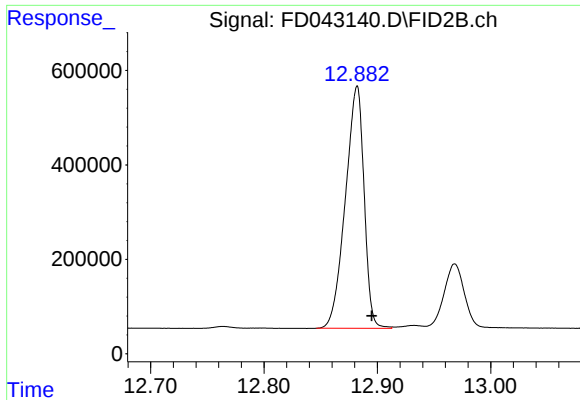
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 4815974
Conc: 26.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.013 min
Response: 5982771
Conc: 35.67 ug/ml



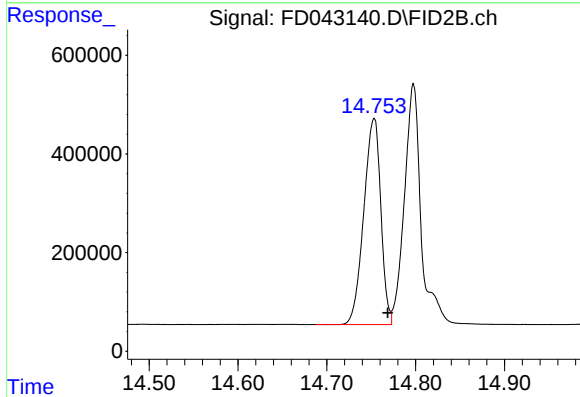
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 5891738
Conc: 36.15 ug/ml

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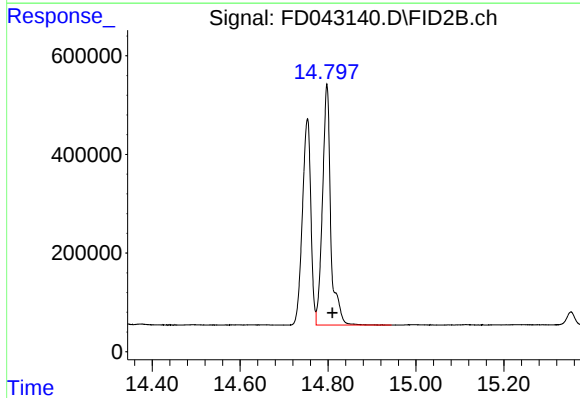
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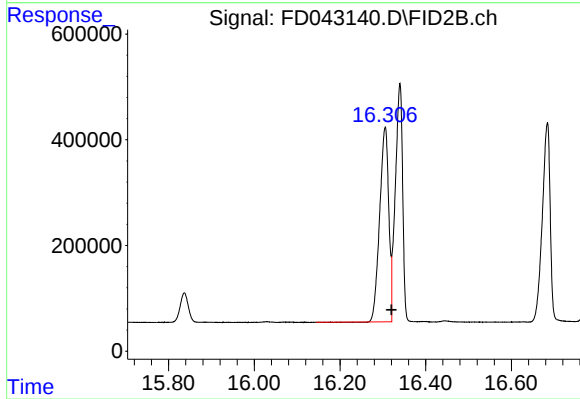
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.016 min
Response: 5572212
Conc: 35.88 ug/ml



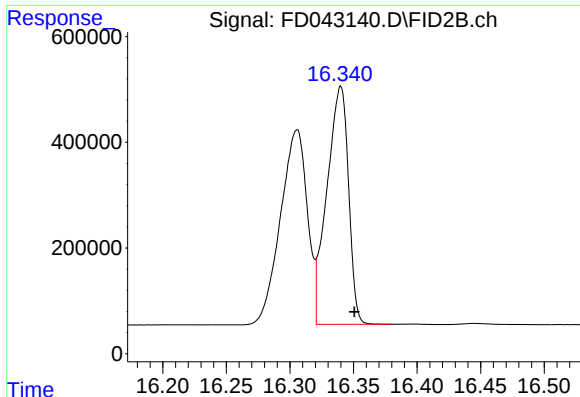
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.013 min
Response: 6381264
Conc: 40.43 ug/ml



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

R.T.: 16.305 min
Delta R.T.: -0.015 min
Response: 5403008
Conc: 35.44 ug/ml



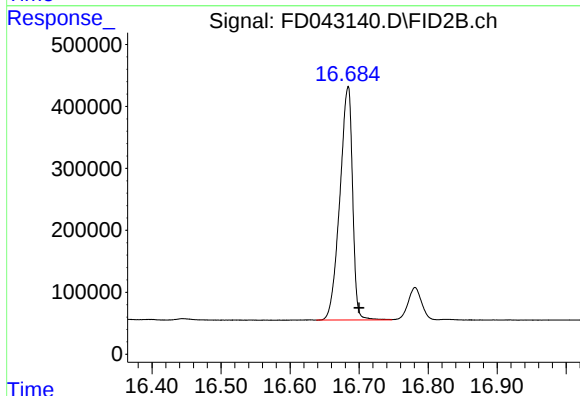
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.339 min
Delta R.T.: -0.011 min
Response: 5322414
Conc: 36.37 ug/ml

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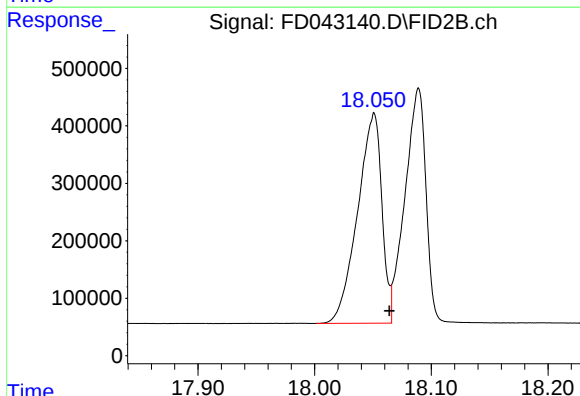
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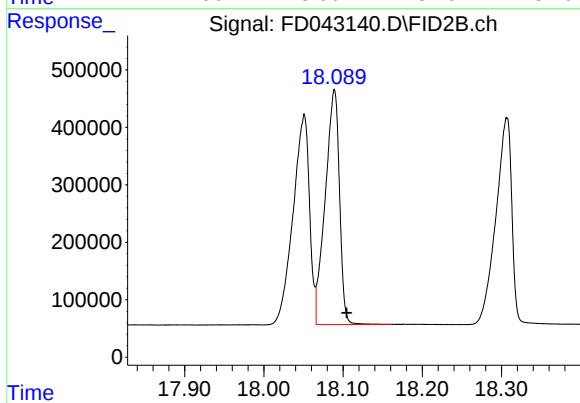
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.017 min
Response: 4835878
Conc: 33.81 ug/ml



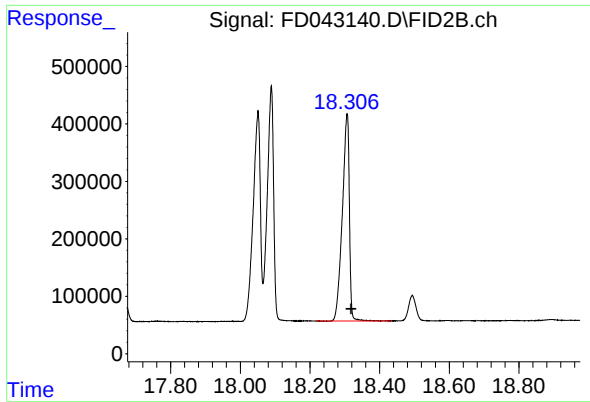
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.050 min
Delta R.T.: -0.014 min
Response: 5281980
Conc: 42.21 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.016 min
Response: 5109676
Conc: 38.01 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.012 min
Response: 5056961
Conc: 38.77 ug/ml

Instrument :

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