

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043179.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 17:02
 Operator : YP/AJ
 Sample : N3564-29MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-16-2-4-GRMSD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Jul 07 01:55:56 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

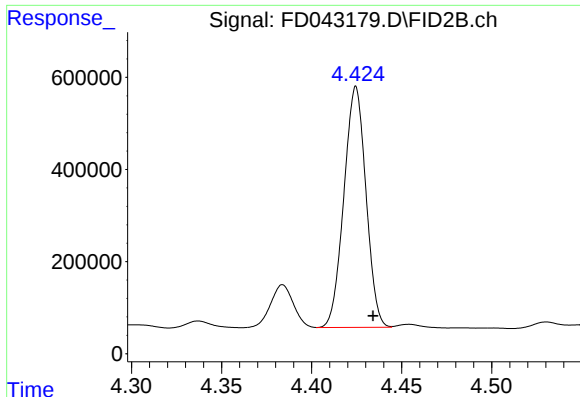
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.632	7245461	46.924 ug/mlm
Spiked Amount 50.000		Recovery =	93.85%
6) S 2-Fluorobiphenyl (SURR)	8.500	4779844	45.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.64%
11) S ortho-Terphenyl (SURR)	11.550	5171579	28.454 ug/mlm
Spiked Amount 50.000		Recovery =	56.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	4457887	26.543 ug/mlm
2) T Naphthalene (C11.7)	5.966	5525733	31.563 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	6634230	41.246 ug/ml
5) T Acenaphthylene (C15.06)	8.302	8356943	47.016 ug/ml
7) T Acenaphthene (C15.5)	8.599	6938531	39.623 ug/ml
8) T Flouorene (C16.55)	9.383	8198960	47.300 ug/ml
9) T Phenanthrene (C19.36)	10.787	8246855	48.084 ug/mlm
10) T Anthracene (C19.43)	10.861	7958784	46.846 ug/ml
12) T Fluoranthene (C21.85)	12.614	8484431	50.588 ug/ml
13) T Pyrene (C20.8)	12.913	8742499	53.645 ug/mlm
14) T Benzo[a]anthracene (C...	14.793	9531983	61.378 ug/mlm
15) T Chrysene (C27.41)	14.844	11967708	75.826 ug/mlm
16) T benzo[b]fluoranthene ...	16.354	8253126	54.141 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.385	4403620	30.087 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.731	6343554	44.350 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.092	4493553	35.909 ug/mlm
20) T Dibenz[a,h]anthracene...	18.127	5249721	39.049 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.355	6268556	48.061 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



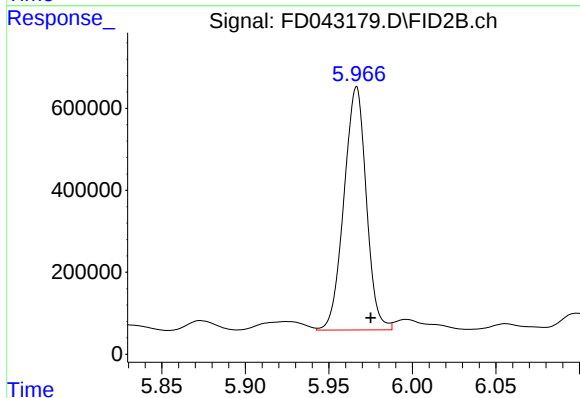
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 4457887
Conc: 26.54 ug/ml

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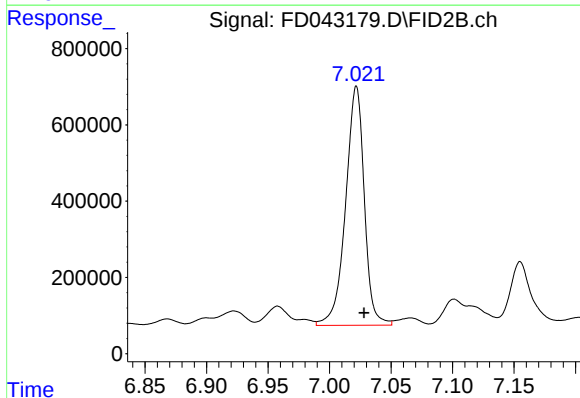
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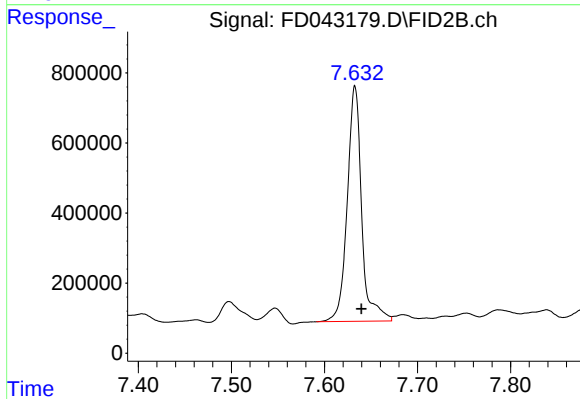
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.009 min
Response: 5525733
Conc: 31.56 ug/ml



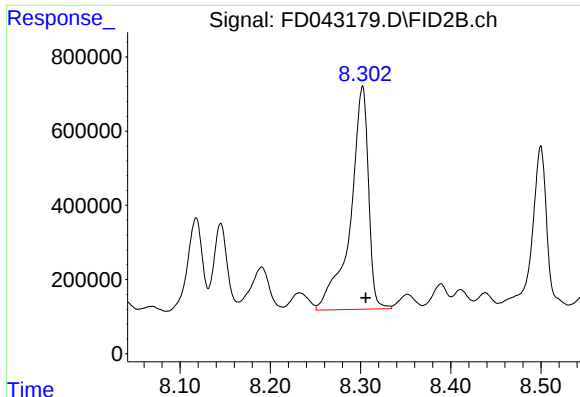
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.007 min
Response: 6634230
Conc: 41.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.007 min
Response: 7245461
Conc: 46.92 ug/ml m



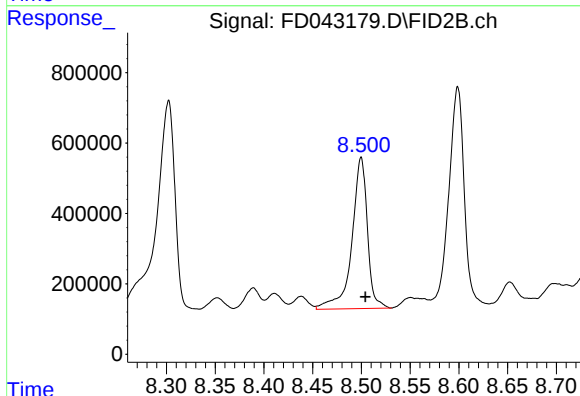
#5 Acenaphthylene (C15.06)

R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 8356943
Conc: 47.02 ug/ml

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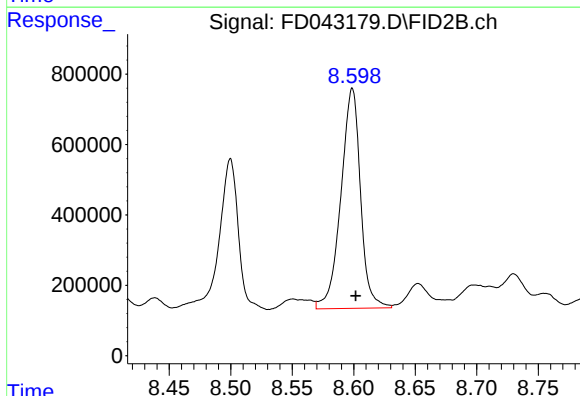
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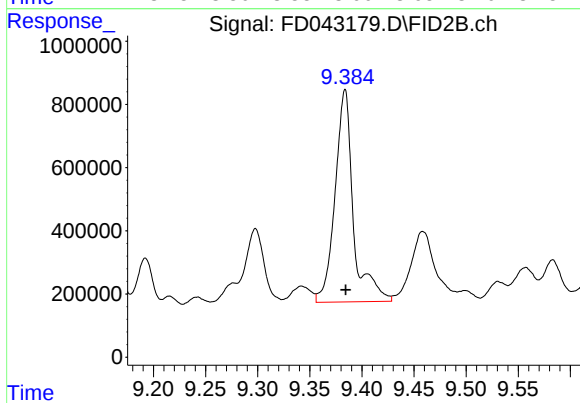
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 4779844
Conc: 45.32 ug/ml



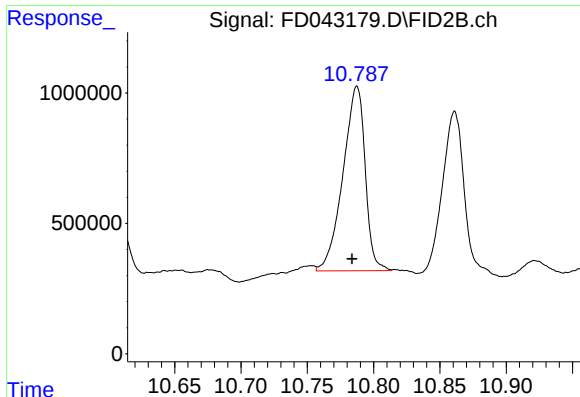
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 6938531
Conc: 39.62 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.001 min
Response: 8198960
Conc: 47.30 ug/ml



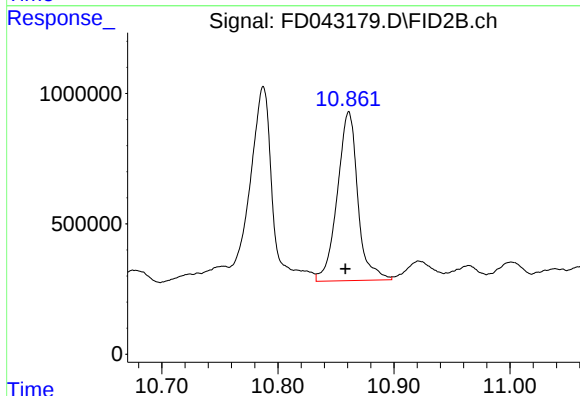
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.003 min
Response: 8246855
Conc: 48.08 ug/ml

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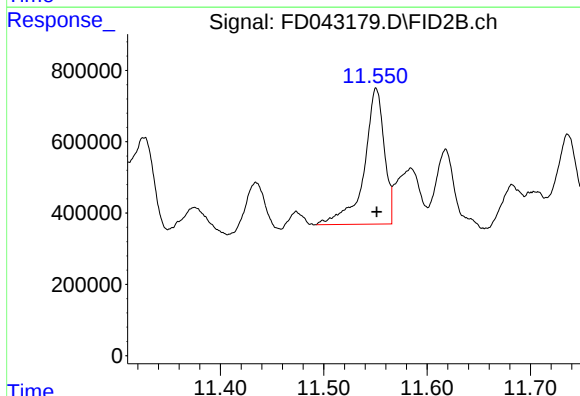
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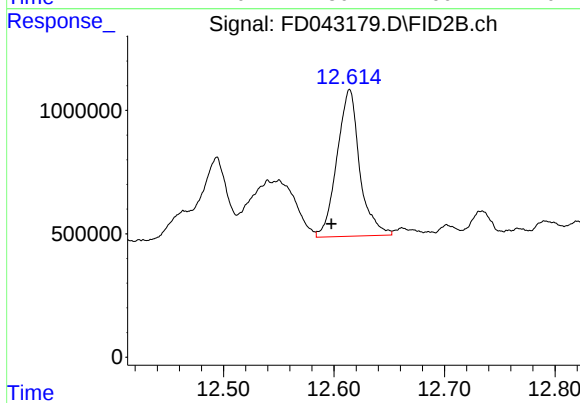
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.003 min
Response: 7958784
Conc: 46.85 ug/ml



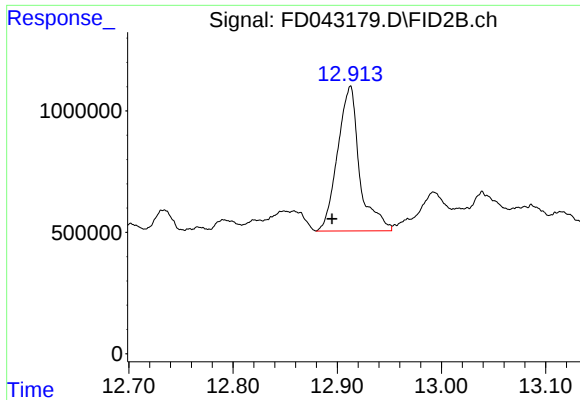
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.001 min
Response: 5171579
Conc: 28.45 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.614 min
Delta R.T.: 0.016 min
Response: 8484431
Conc: 50.59 ug/ml



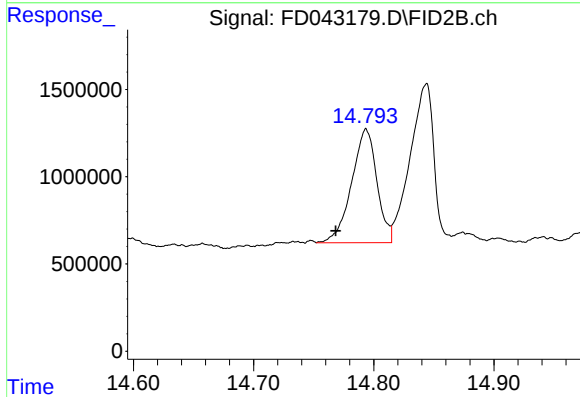
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: 0.018 min
Response: 8742499
Conc: 53.65 ug/ml

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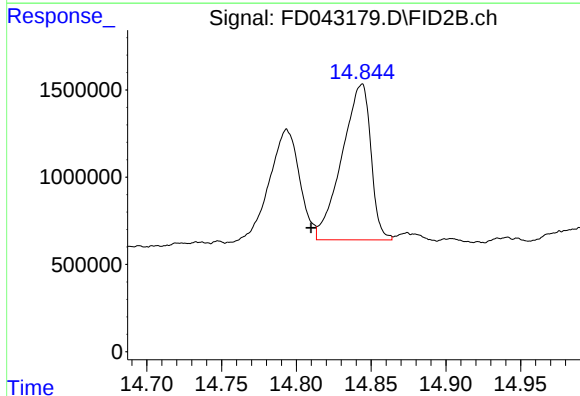
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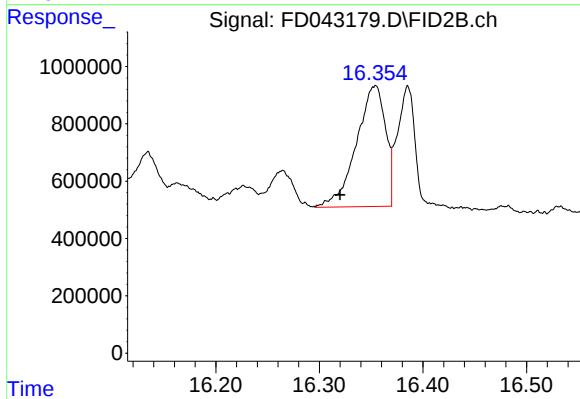
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: 0.025 min
Response: 9531983
Conc: 61.38 ug/ml m



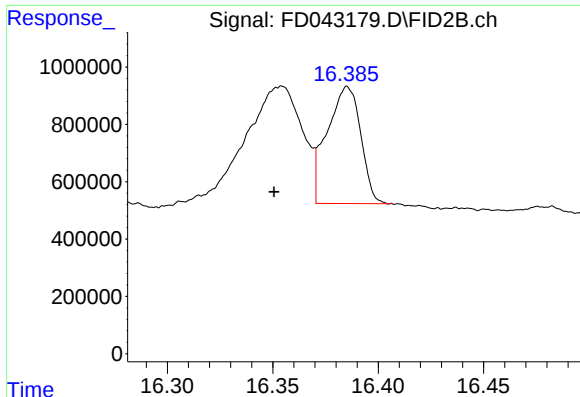
#15 Chrysene (C27.41)

R.T.: 14.844 min
Delta R.T.: 0.034 min
Response: 11967708
Conc: 75.83 ug/ml m



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

R.T.: 16.354 min
Delta R.T.: 0.034 min
Response: 8253126
Conc: 54.14 ug/ml m



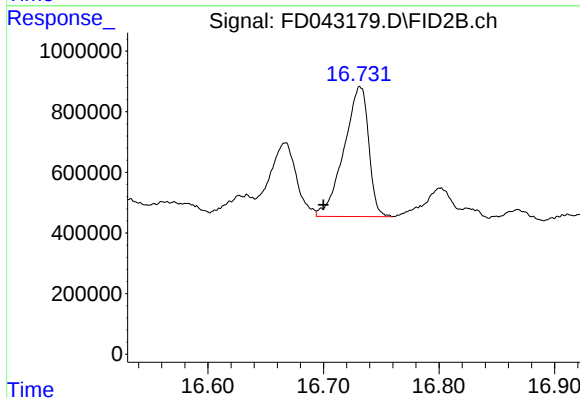
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.385 min
Delta R.T.: 0.034 min
Response: 4403620
Conc: 30.09 ug/ml

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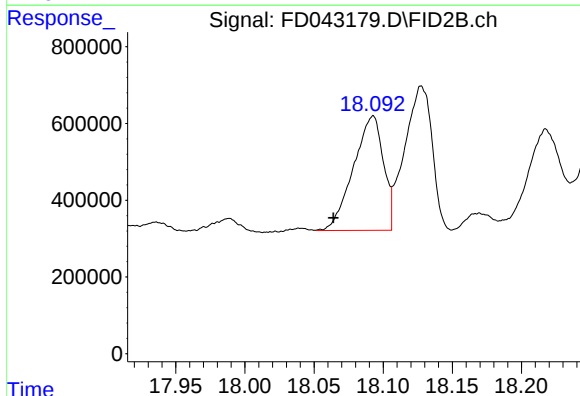
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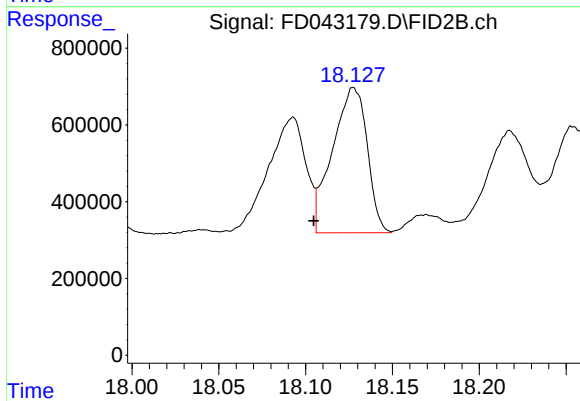
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.731 min
Delta R.T.: 0.031 min
Response: 6343554
Conc: 44.35 ug/ml m



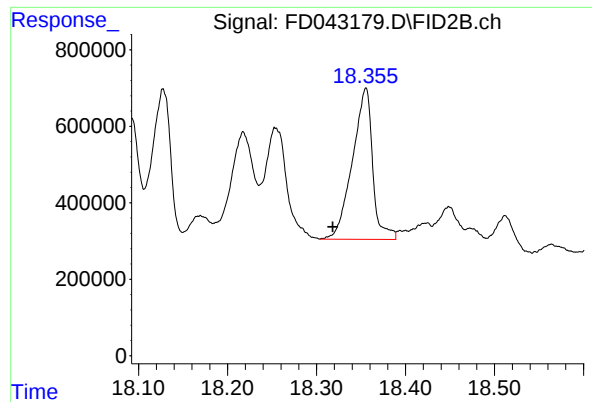
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.092 min
Delta R.T.: 0.028 min
Response: 4493553
Conc: 35.91 ug/ml m



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

R.T.: 18.127 min
Delta R.T.: 0.023 min
Response: 5249721
Conc: 39.05 ug/ml m



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

R.T.: 18.355 min
Delta R.T.: 0.037 min
Response: 6268556
Conc: 48.06 ug/ml

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