

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037202.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 7:17
 Operator : DD\AJ
 Sample : PB136011BSD
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB136011BSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 28 08:28:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

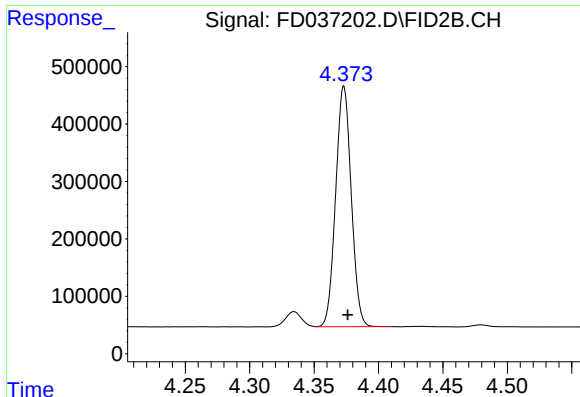
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.576	5231651	44.247 ug/ml
Spiked Amount 50.000		Recovery =	88.49%
6) S 2-Fluorobiphenyl (SURR)	8.437	2213256	28.683 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.37%
11) S ortho-Terphenyl (SURR)	11.478	4373947	35.412 ug/ml
Spiked Amount 50.000		Recovery =	70.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.373	3524176	26.503 ug/ml
2) T Naphthalene (C11.7)	5.912	4156928	30.239 ug/ml
3) T 2-Methylnaphthalene (...)	6.965	4316005	32.185 ug/ml
5) T Acenaphthylene (C15.06)	8.241	4668026	37.320 ug/ml
7) T Acenaphthene (C15.5)	8.537	4486533	34.718 ug/ml
8) T Flouorene (C16.55)	9.318	4623332	37.745 ug/ml
9) T Phenanthrene (C19.36)	10.713	4562849	38.708 ug/ml
10) T Anthracene (C19.43)	10.788	4527523	39.306 ug/ml
12) T Fluoranthene (C21.85)	12.524	4509186	38.663 ug/ml
13) T Pyrene (C20.8)	12.821	4498841	39.078 ug/ml
14) T Benzo[a]anthracene (C...	14.692	4310537	39.165 ug/ml
15) T Chrysene (C27.41)	14.736	4696122	41.484 ug/ml
16) T benzo[b]fluoranthene ...	16.242	4472919	39.878 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	4382603	40.691 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.621	4462706	43.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	4116423	38.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	4260699	40.778 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	4315611	40.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



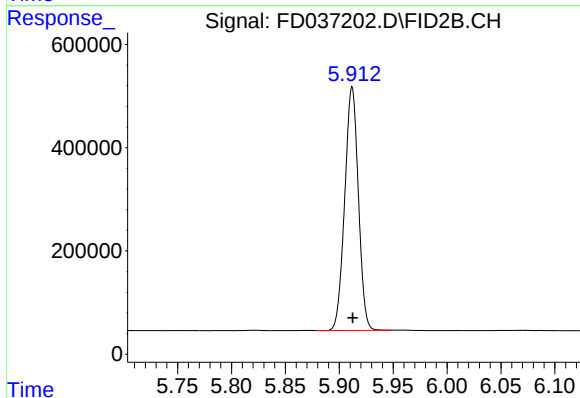
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.373 min
Delta R.T.: -0.003 min
Response: 3524176
Conc: 26.50 ug/ml

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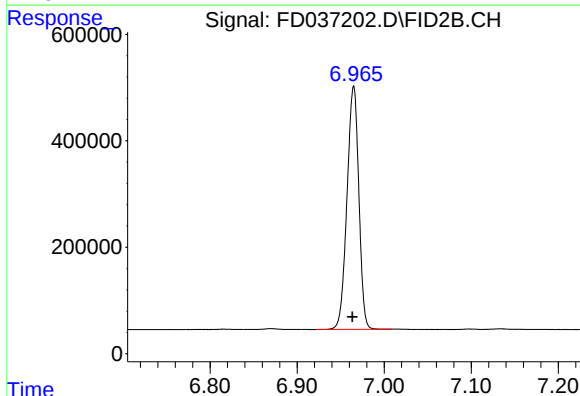
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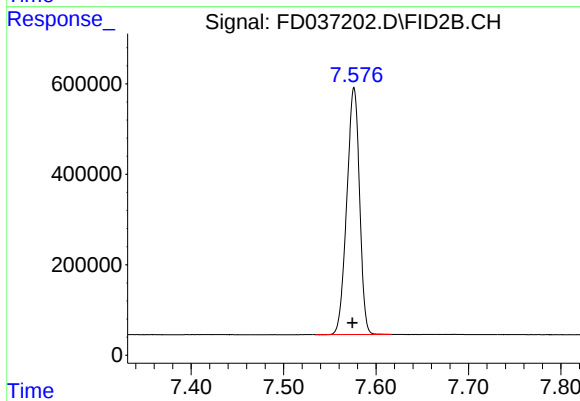
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 4156928
Conc: 30.24 ug/ml



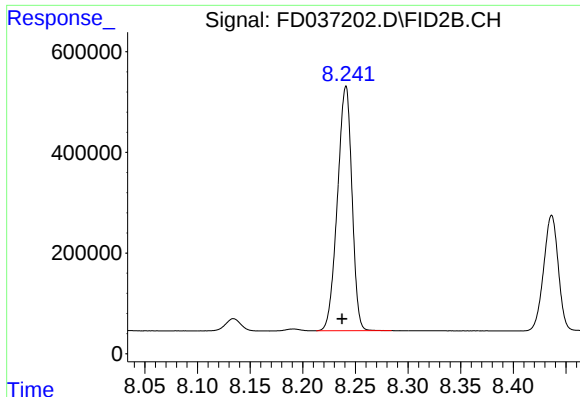
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.002 min
Response: 4316005
Conc: 32.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 5231651
Conc: 44.25 ug/ml



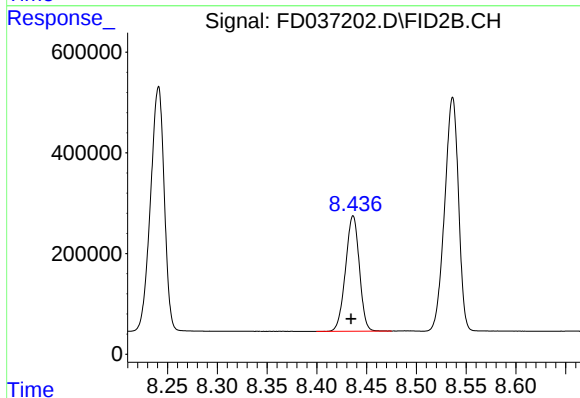
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: 0.004 min
Response: 4668026
Conc: 37.32 ug/ml

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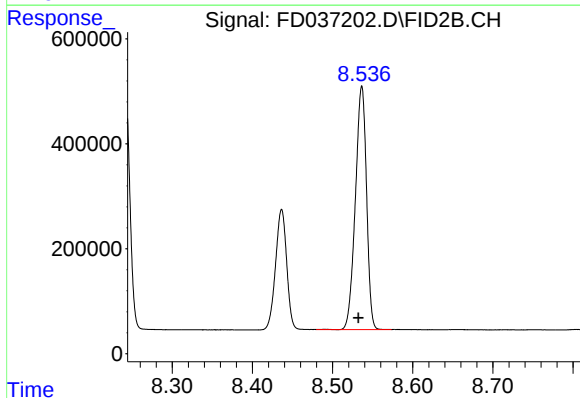
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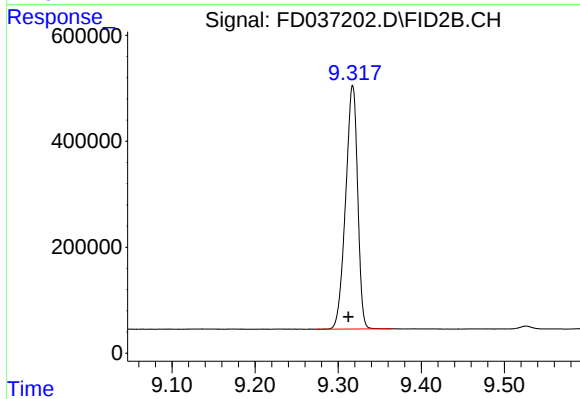
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: 0.002 min
Response: 2213256
Conc: 28.68 ug/ml



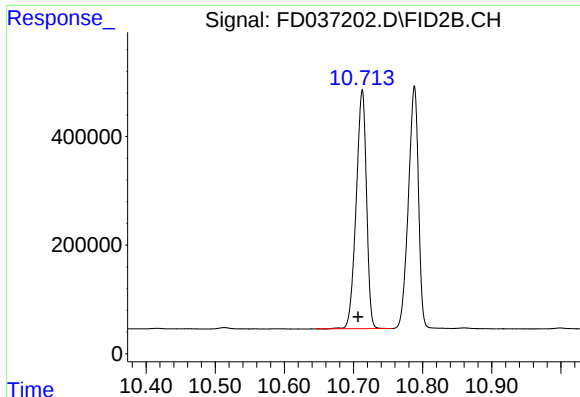
#7 Acenaphthene (C15.5)

R.T.: 8.537 min
Delta R.T.: 0.004 min
Response: 4486533
Conc: 34.72 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.318 min
Delta R.T.: 0.005 min
Response: 4623332
Conc: 37.74 ug/ml



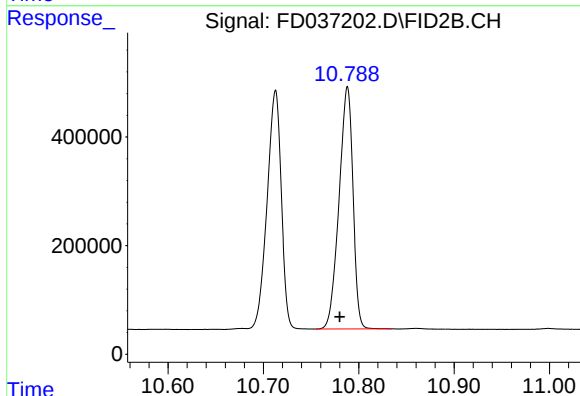
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: 0.006 min
Response: 4562849
Conc: 38.71 ug/ml

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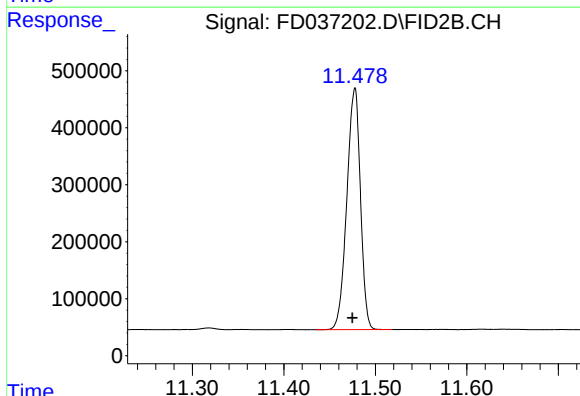
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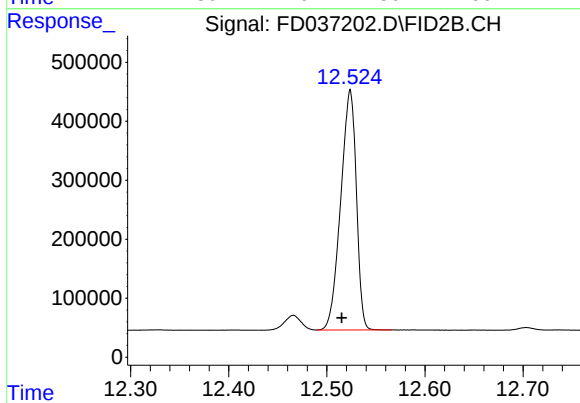
#10 Anthracene (C19.43)

R.T.: 10.788 min
Delta R.T.: 0.008 min
Response: 4527523
Conc: 39.31 ug/ml



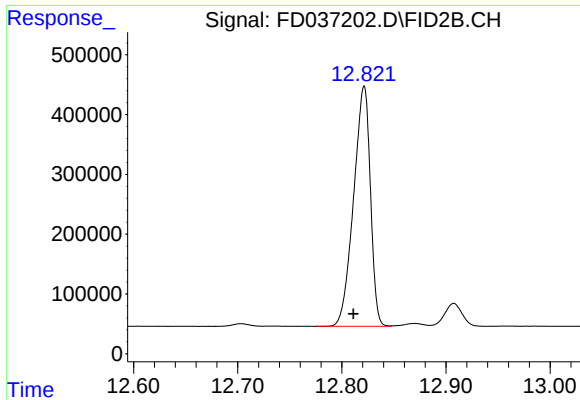
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.003 min
Response: 4373947
Conc: 35.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.524 min
Delta R.T.: 0.009 min
Response: 4509186
Conc: 38.66 ug/ml



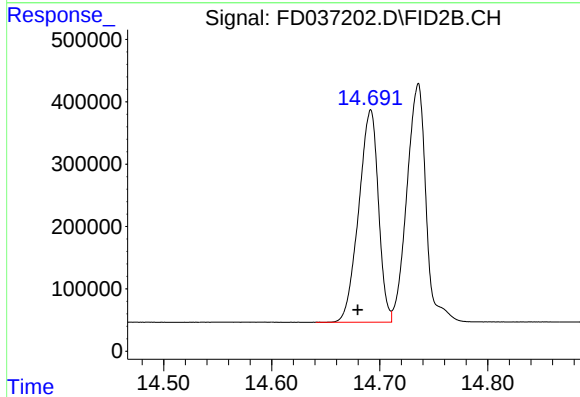
#13 Pyrene (C20.8)

R.T.: 12.821 min
Delta R.T.: 0.010 min
Response: 4498841
Conc: 39.08 ug/ml

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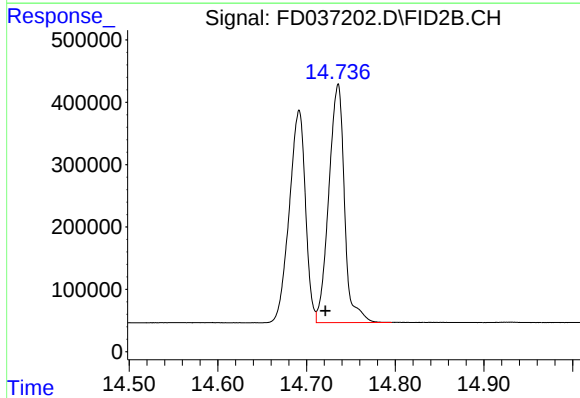
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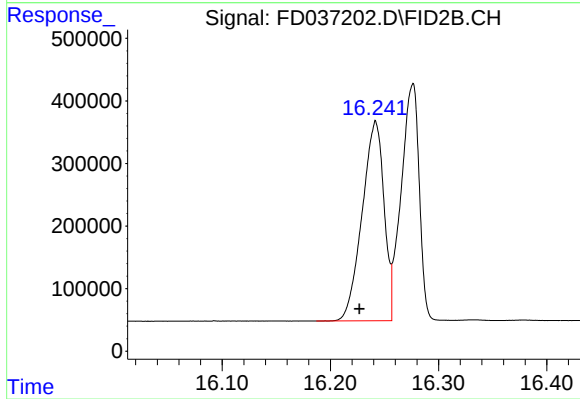
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: 0.012 min
Response: 4310537
Conc: 39.16 ug/ml



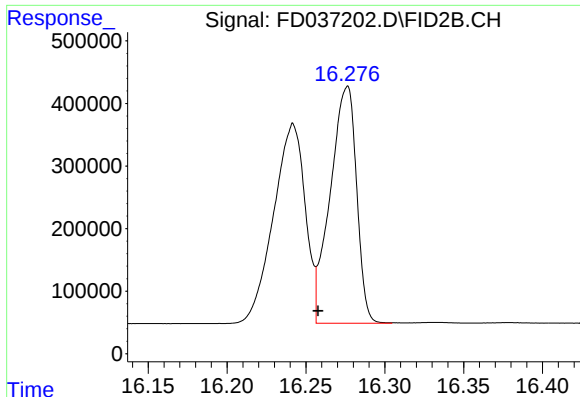
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: 0.014 min
Response: 4696122
Conc: 41.48 ug/ml



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

R.T.: 16.242 min
Delta R.T.: 0.015 min
Response: 4472919
Conc: 39.88 ug/ml



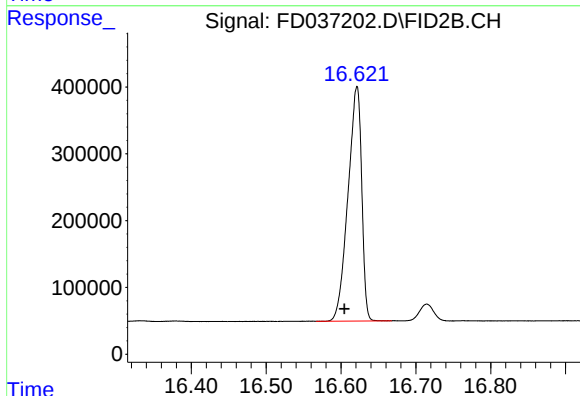
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: 0.019 min
Response: 4382603
Conc: 40.69 ug/ml m

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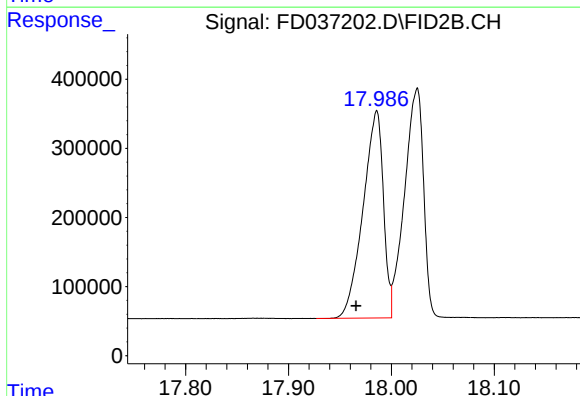
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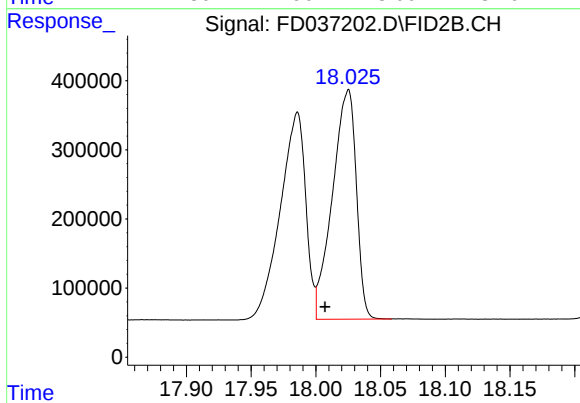
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.017 min
Response: 4462706
Conc: 43.12 ug/ml



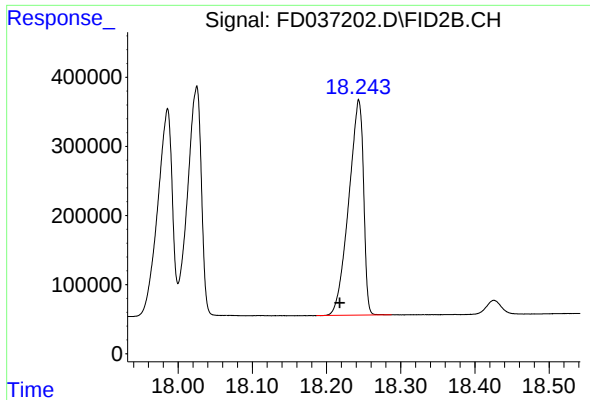
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.020 min
Response: 4116423
Conc: 38.70 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.018 min
Response: 4260699
Conc: 40.78 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.026 min
Response: 4315611
Conc: 40.40 ug/ml

Instrument :
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