

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042725.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jun 2022 18:17
 Operator : UA/NP
 Sample : N3069-02MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DISP-2-DMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 08:18:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

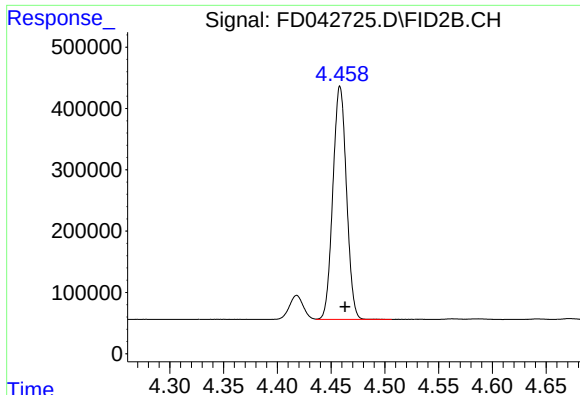
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.669	6413861	41.973 ug/ml
Spiked Amount 50.000		Recovery =	83.95%
6) S 2-Fluorobiphenyl (SURR)	8.534	3939040	38.301 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.60%
11) S ortho-Terphenyl (SURR)	11.585	7467526	42.065 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	3351399	20.017 ug/ml
2) T Naphthalene (C11.7)	6.002	4164295	24.086 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	4969427	31.162 ug/ml
5) T Acenaphthylene (C15.06)	8.337	6197614	35.871 ug/ml
7) T Acenaphthene (C15.5)	8.634	6214747	36.118 ug/ml
8) T Flouorene (C16.55)	9.418	7618248	45.378 ug/ml
9) T Phenanthrene (C19.36)	10.818	7797037	47.415 ug/ml
10) T Anthracene (C19.43)	10.894	7422770	48.565 ug/ml
12) T Fluoranthene (C21.85)	12.635	7786762	49.425 ug/ml
13) T Pyrene (C20.8)	12.932	7389482	47.464 ug/ml
14) T Benzo[a]anthracene (C...	14.807	7114104	53.356 ug/ml
15) T Chrysene (C27.41)	14.852	7788053	58.948 ug/mlm
16) T benzo[b]fluoranthene ...	16.360	6959259	52.240 ug/ml
17) T Bnezo[k]fluoranthene ...	16.397	6912102	55.807 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.739	6177411	49.910 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	6987796	62.692 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	6536207	58.760 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.367	6516478	54.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 3351399
Conc: 20.02 ug/ml

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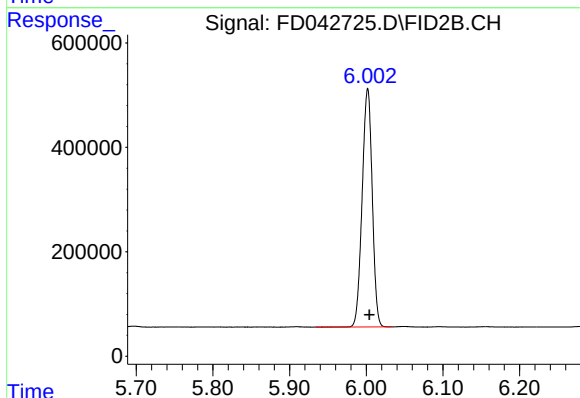
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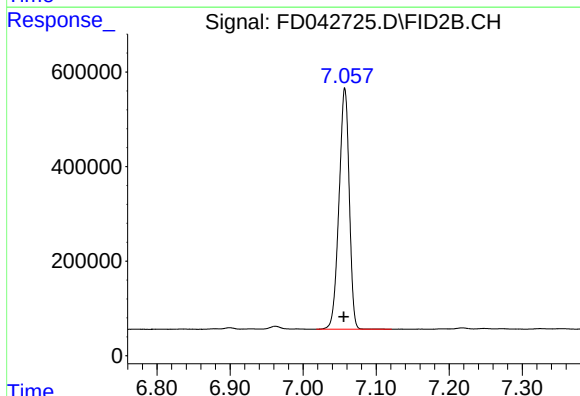
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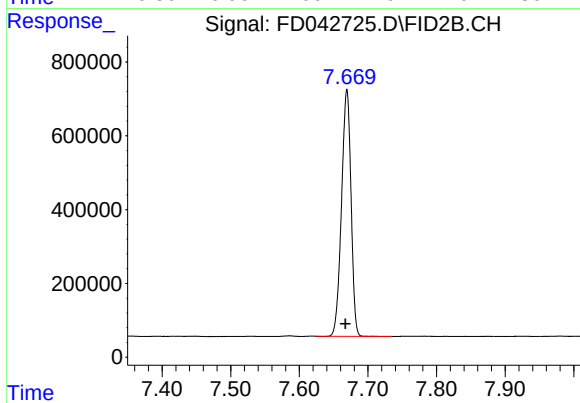
#2 Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 4164295
Conc: 24.09 ug/ml



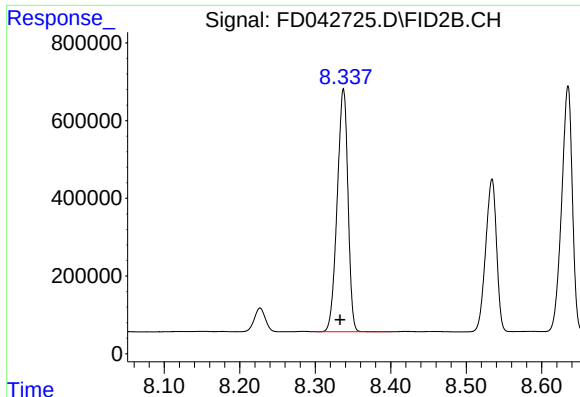
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.001 min
Response: 4969427
Conc: 31.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 6413861
Conc: 41.97 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.337 min
Delta R.T.: 0.004 min
Response: 6197614
Conc: 35.87 ug/ml

Instrument :

FID_D

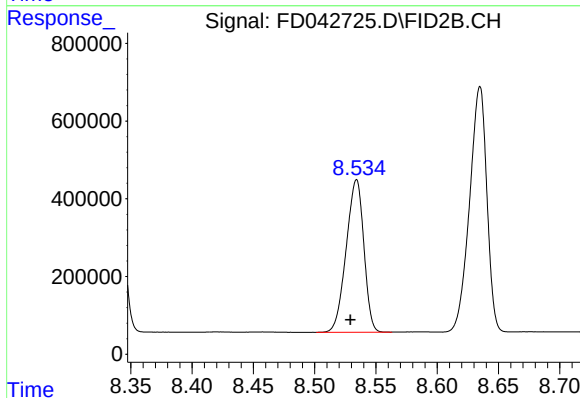
ClientSampleId :

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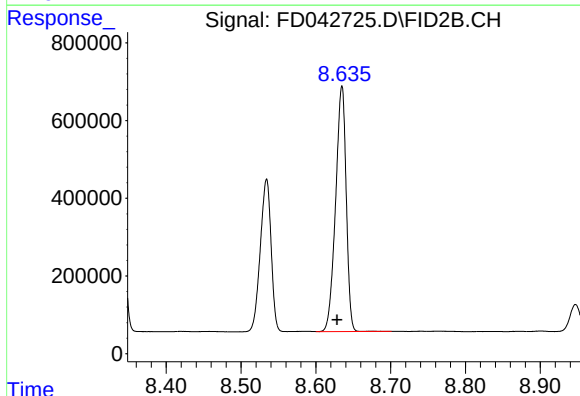
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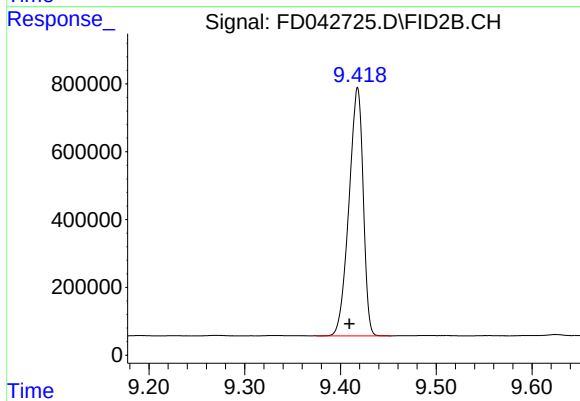
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 3939040
Conc: 38.30 ug/ml



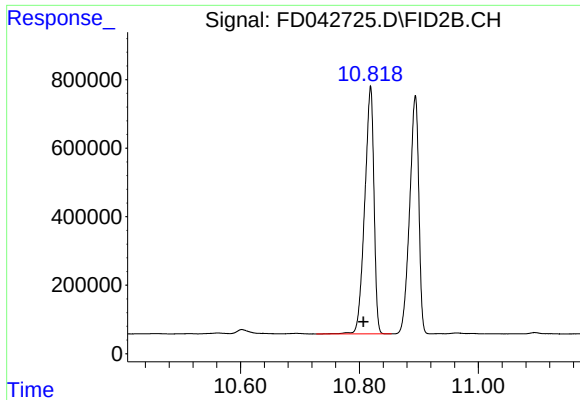
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: 0.006 min
Response: 6214747
Conc: 36.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.418 min
Delta R.T.: 0.008 min
Response: 7618248
Conc: 45.38 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: 0.012 min
Response: 7797037
Conc: 47.42 ug/ml

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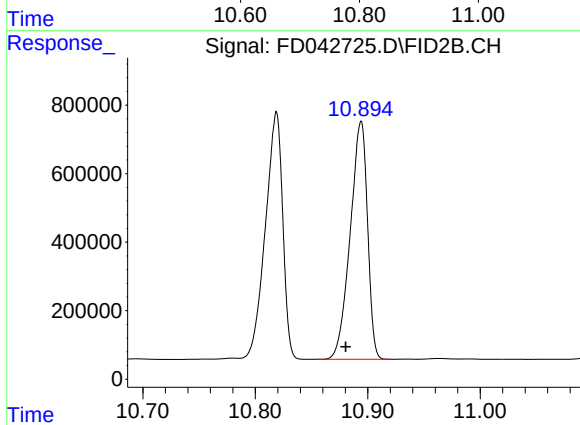
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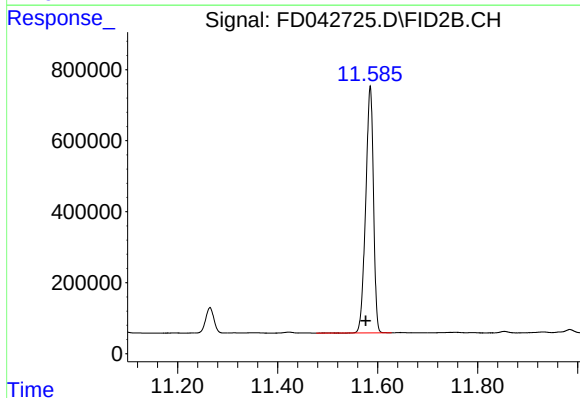
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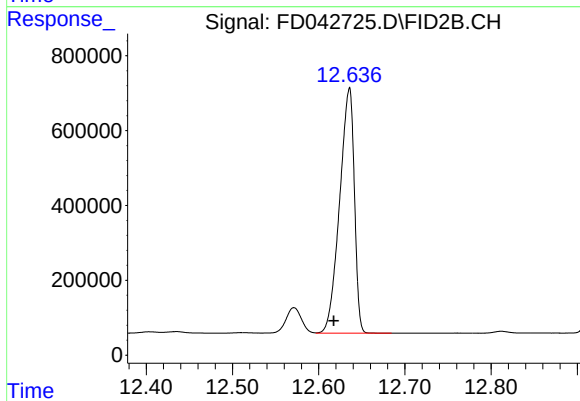
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: 0.013 min
Response: 7422770
Conc: 48.56 ug/ml



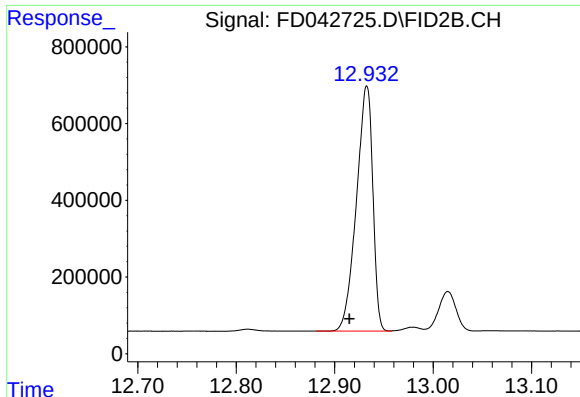
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: 0.009 min
Response: 7467526
Conc: 42.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: 0.017 min
Response: 7786762
Conc: 49.43 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.932 min
Delta R.T.: 0.017 min
Response: 7389482
Conc: 47.46 ug/ml

Instrument :

FID_D

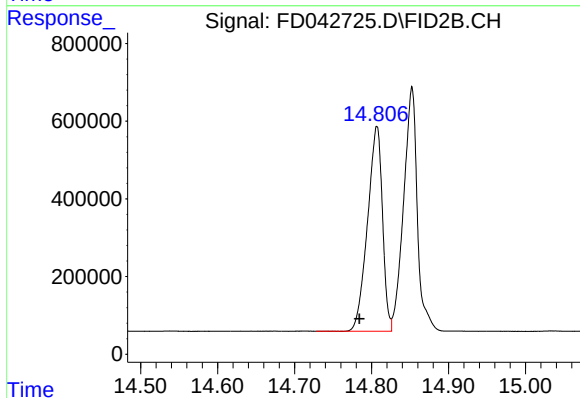
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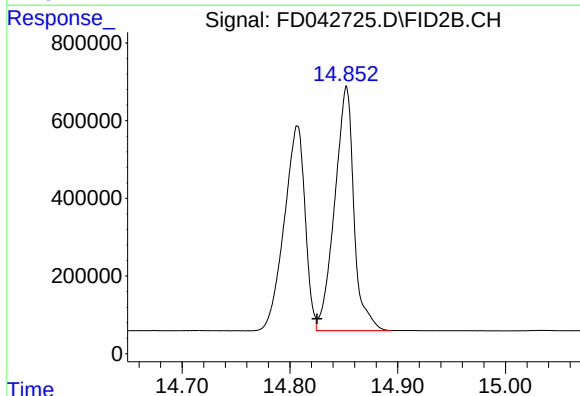
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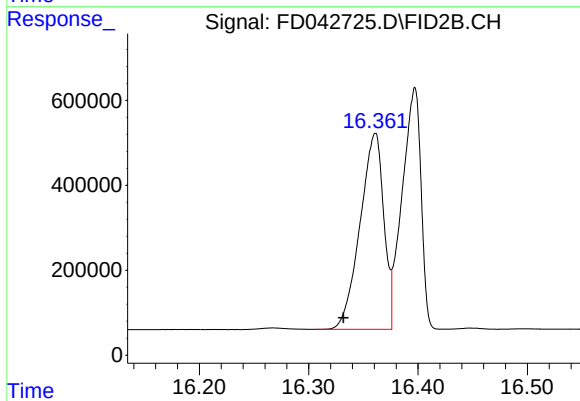
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.807 min
Delta R.T.: 0.022 min
Response: 7114104
Conc: 53.36 ug/ml



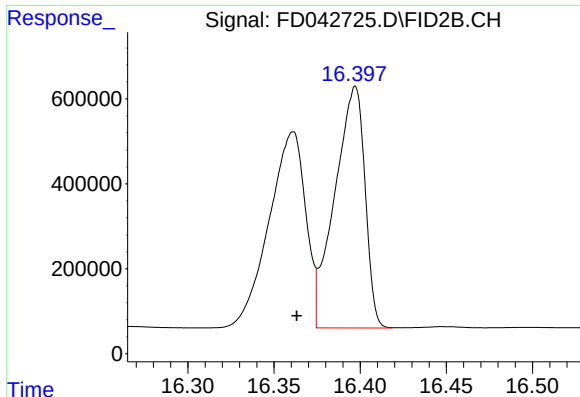
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: 0.027 min
Response: 7788053
Conc: 58.95 ug/ml m



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

R.T.: 16.360 min
Delta R.T.: 0.028 min
Response: 6959259
Conc: 52.24 ug/ml



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

R.T.: 16.397 min
Delta R.T.: 0.034 min
Response: 6912102
Conc: 55.81 ug/ml

Instrument :

FID_D

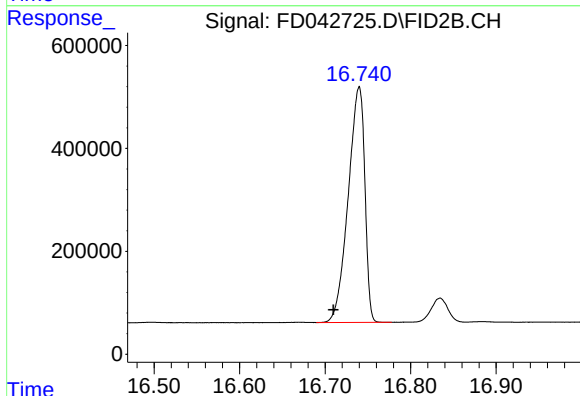
ClientSampleId :

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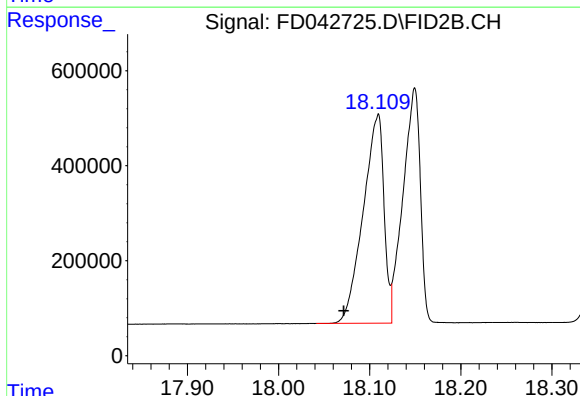
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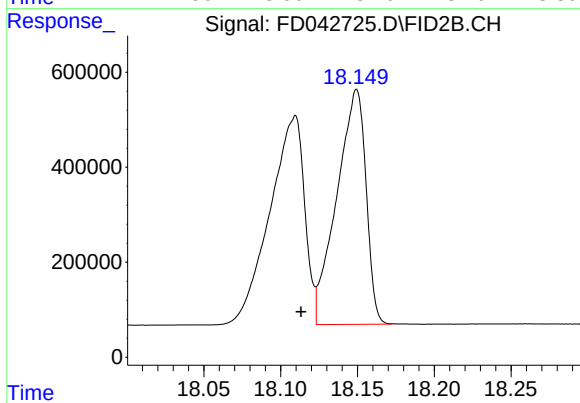
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: 0.030 min
Response: 6177411
Conc: 49.91 ug/ml



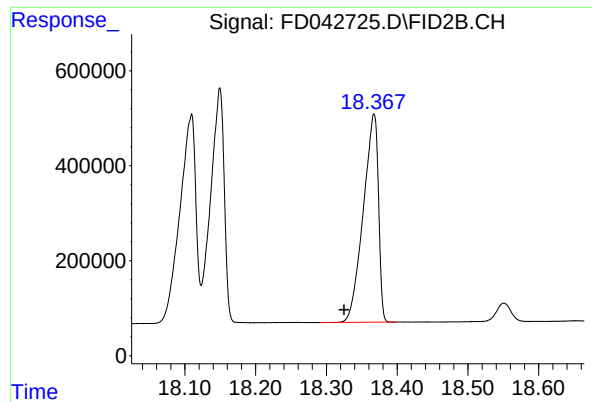
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: 0.037 min
Response: 6987796
Conc: 62.69 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.036 min
Response: 6536207
Conc: 58.76 ug/ml m



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

R.T.: 18.367 min
Delta R.T.: 0.041 min
Response: 6516478
Conc: 54.83 ug/ml

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