

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036394.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 11:42
 Operator : DD\AJ
 Sample : M1458-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

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Integration File: autoint1.e
 Quant Time: Mar 18 02:12:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

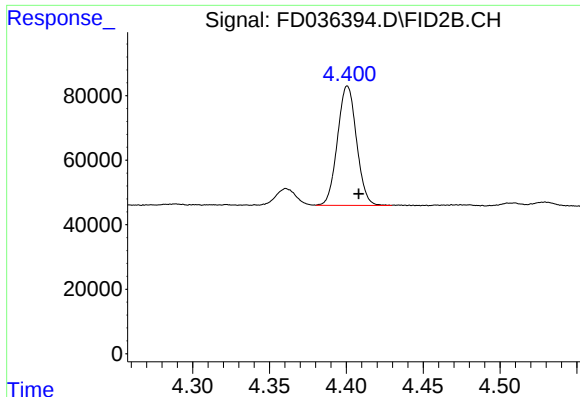
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.601	5115496	43.399 ug/ml
Spiked Amount 50.000		Recovery =	86.80%
6) S 2-Fluorobiphenyl (SURR)	8.460	3464685	41.632 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.26%
11) S ortho-Terphenyl (SURR)	11.500	5076981	36.036 ug/ml
Spiked Amount 50.000		Recovery =	72.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	319137	2.545 ug/ml
2) T Naphthalene (C11.7)	5.937	366459	2.704 ug/ml
3) T 2-Methylnaphthalene (...)	6.987	396978	2.907 ug/ml
5) T Acenaphthylene (C15.06)	8.261	369741	2.748 ug/ml
7) T Acenaphthene (C15.5)	8.556	386570	2.793 ug/ml
8) T Fluorene (C16.55)	9.335	392431	2.876 ug/ml
9) T Phenanthrene (C19.36)	10.727	401717	2.916 ug/ml
10) T Anthracene (C19.43)	10.801	379779	2.829 ug/ml
12) T Fluoranthene (C21.85)	12.535	397755	2.864 ug/ml
13) T Pyrene (C20.8)	12.832	392528	2.863 ug/ml
14) T Benzo[a]anthracene (C...	14.698	355226	2.808 ug/mlm
15) T Chrysene (C27.41)	14.740	427472	3.301 ug/mlm
16) T benzo[b]fluoranthene ...	16.245	352063	2.893 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	344878	2.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	339325	3.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	310046	2.802 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	334899	3.026 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	335000	3.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



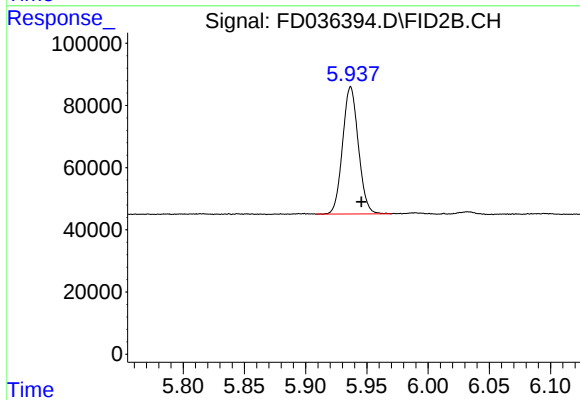
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 319137
Conc: 2.55 ug/ml

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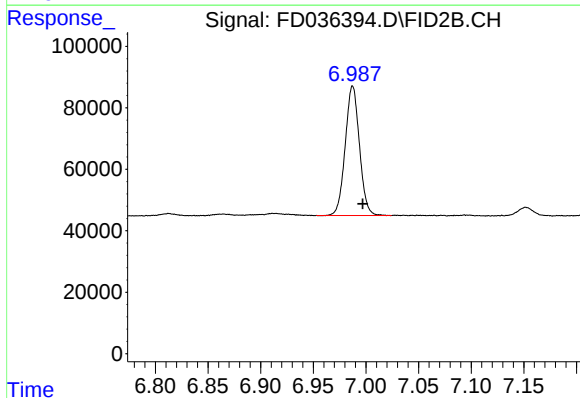
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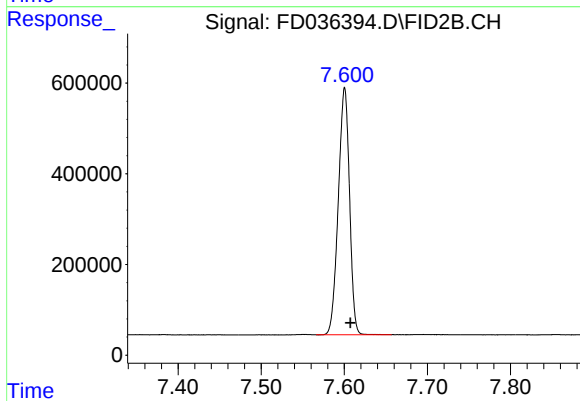
#2 Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.009 min
Response: 366459
Conc: 2.70 ug/ml



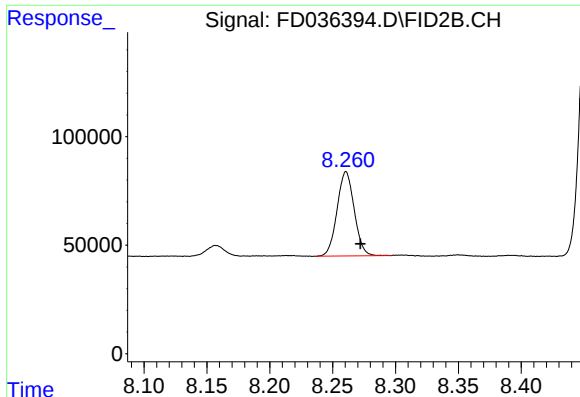
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.010 min
Response: 396978
Conc: 2.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 5115496
Conc: 43.40 ug/ml



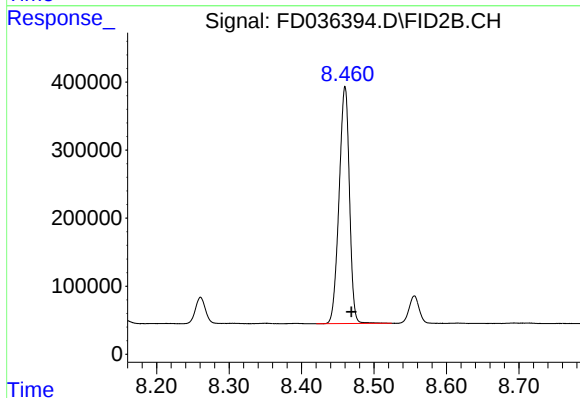
#5 Acenaphthylene (C15.06)

R.T.: 8.261 min
Delta R.T.: -0.011 min
Response: 369741
Conc: 2.75 ug/ml

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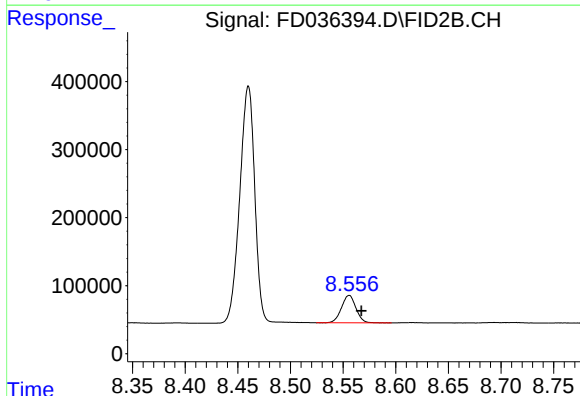
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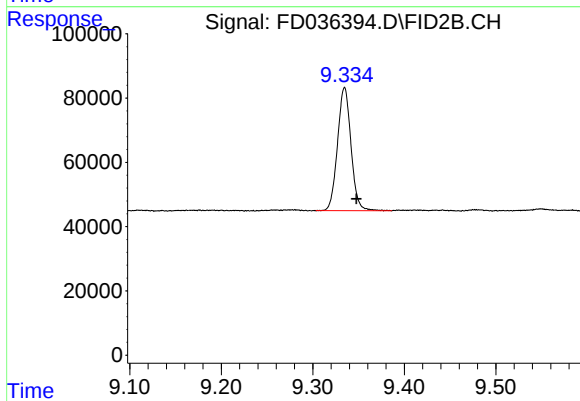
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 3464685
Conc: 41.63 ug/ml



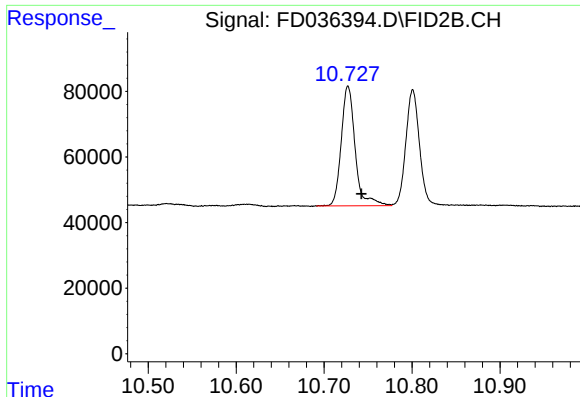
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 386570
Conc: 2.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.013 min
Response: 392431
Conc: 2.88 ug/ml



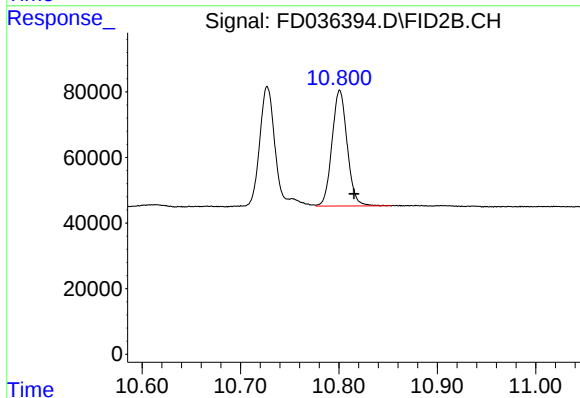
#9 Phenanthrene (C19.36)

R.T.: 10.727 min
Delta R.T.: -0.015 min
Response: 401717
Conc: 2.92 ug/ml

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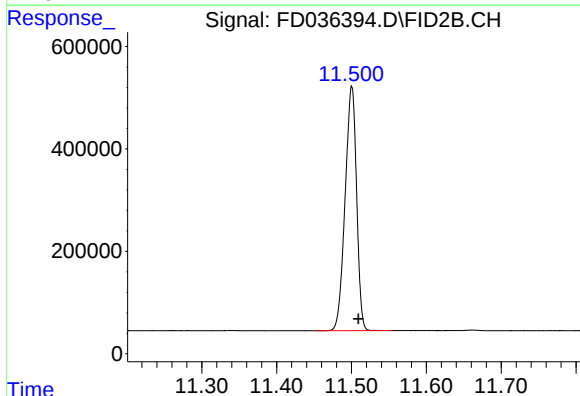
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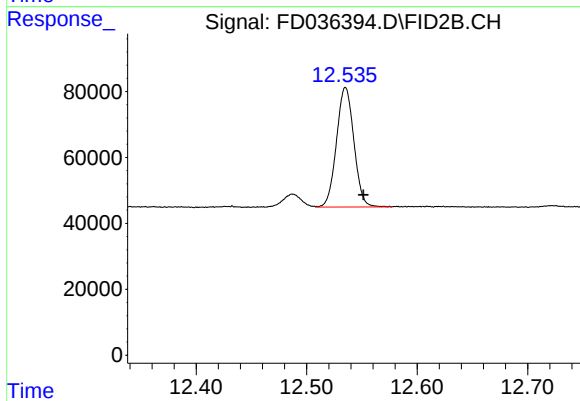
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: -0.015 min
Response: 379779
Conc: 2.83 ug/ml



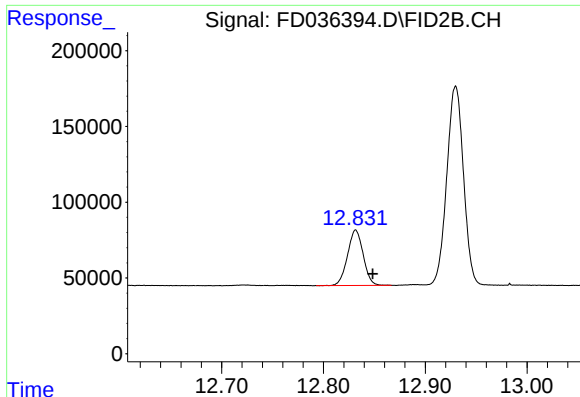
#11 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.009 min
Response: 5076981
Conc: 36.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: -0.016 min
Response: 397755
Conc: 2.86 ug/ml



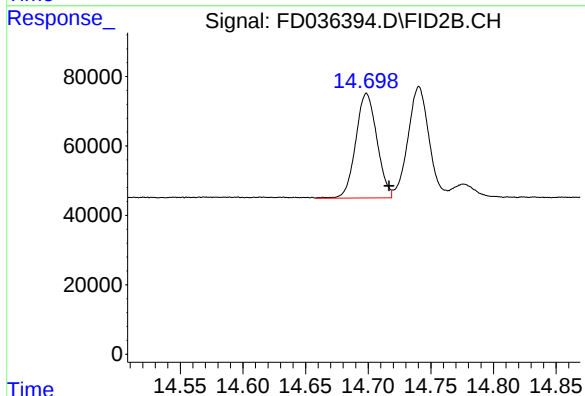
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.017 min
Response: 392528
Conc: 2.86 ug/ml

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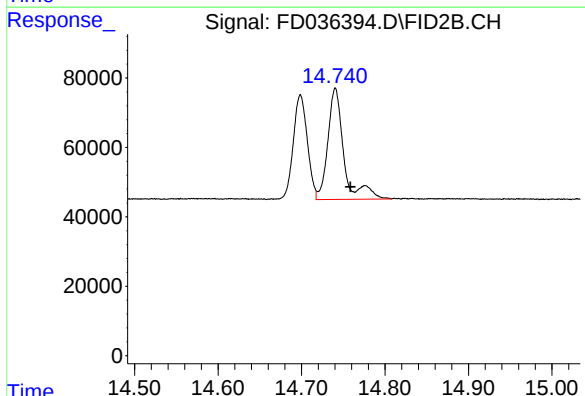
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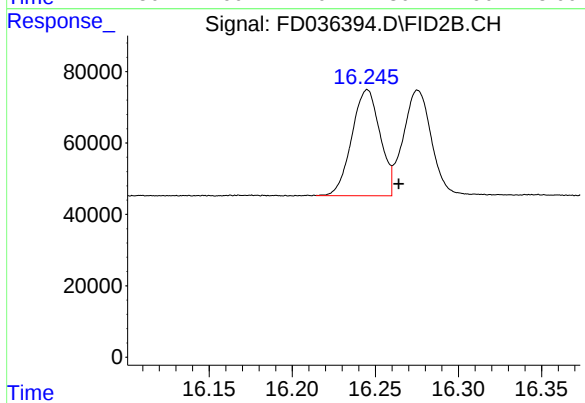
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: -0.018 min
Response: 355226
Conc: 2.81 ug/ml m



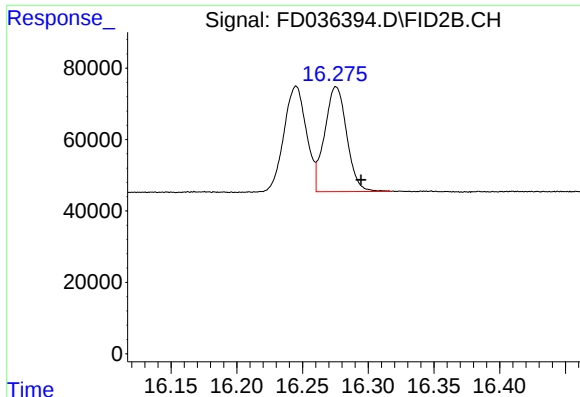
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: -0.019 min
Response: 427472
Conc: 3.30 ug/ml m



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

R.T.: 16.245 min
Delta R.T.: -0.019 min
Response: 352063
Conc: 2.89 ug/ml m



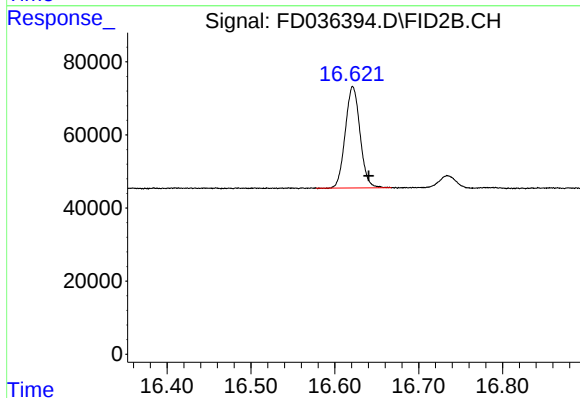
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: -0.019 min
Response: 344878
Conc: 2.93 ug/ml

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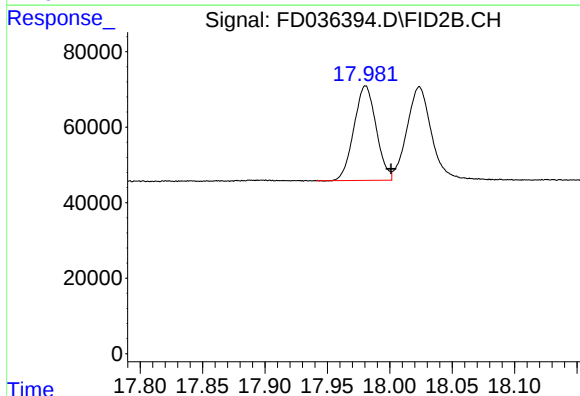
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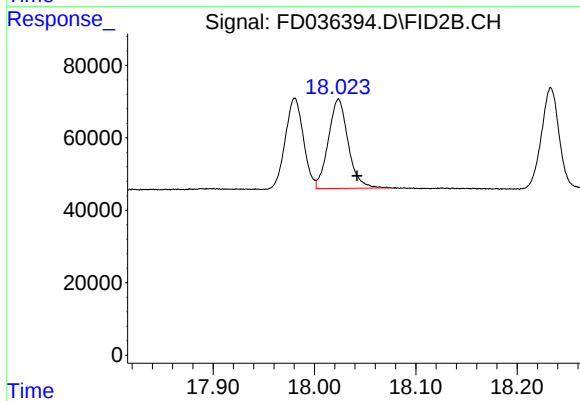
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: -0.019 min
Response: 339325
Conc: 3.08 ug/ml



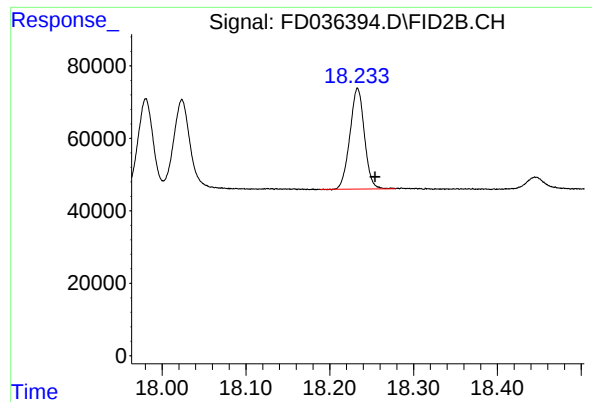
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: -0.021 min
Response: 310046
Conc: 2.80 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.018 min
Response: 334899
Conc: 3.03 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.021 min
Response: 335000
Conc: 3.03 ug/ml

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