

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036423.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2021 10:09
 Operator : DD\AJ
 Sample : M1458-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 72 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 12:47:37 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

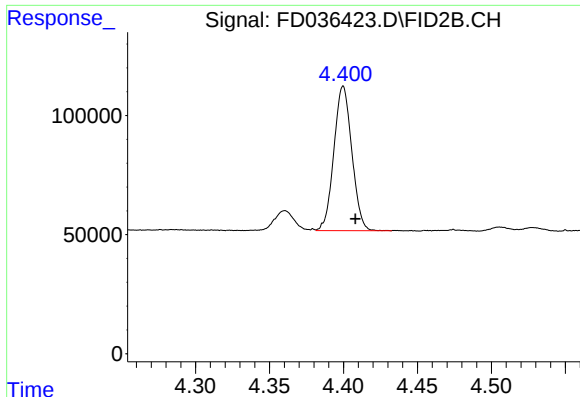
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.603	7529037	63.875 ug/ml
Spiked Amount 50.000		Recovery =	127.75%
6) S 2-Fluorobiphenyl (SURR)	8.464	5138584	61.746 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	123.49%
11) S ortho-Terphenyl (SURR)	11.505	7652374	54.316 ug/ml
Spiked Amount 50.000		Recovery =	108.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	512177	4.085 ug/ml
2) T Naphthalene (C11.7)	5.937	590636	4.359 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	626087	4.585 ug/ml
5) T Acenaphthylene (C15.06)	8.262	586753	4.361 ug/ml
7) T Acenaphthene (C15.5)	8.557	598587	4.325 ug/ml
8) T Fluorene (C16.55)	9.336	636215	4.662 ug/ml
9) T Phenanthrene (C19.36)	10.729	622305	4.517 ug/ml
10) T Anthracene (C19.43)	10.803	596362	4.442 ug/ml
12) T Fluoranthene (C21.85)	12.538	618256	4.452 ug/ml
13) T Pyrene (C20.8)	12.833	617455	4.504 ug/ml
14) T Benzo[a]anthracene (C...	14.701	570812	4.513 ug/ml
15) T Chrysene (C27.41)	14.742	596902	4.609 ug/ml
16) T benzo[b]fluoranthene ...	16.246	564664	4.640 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.277	557111	4.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	554348	5.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	511647	4.624 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	588902	5.322 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	542221	4.904 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



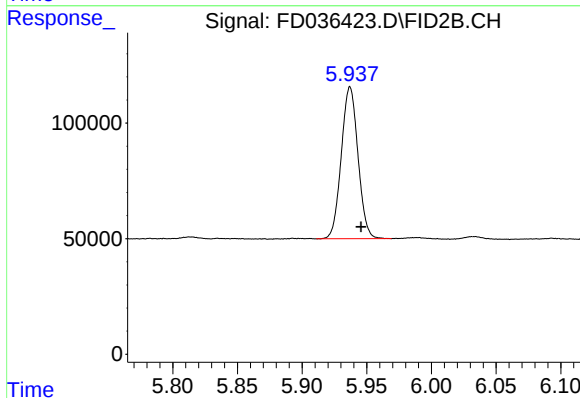
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min
Delta R.T.: -0.008 min
Response: 512177
Conc: 4.09 ug/ml

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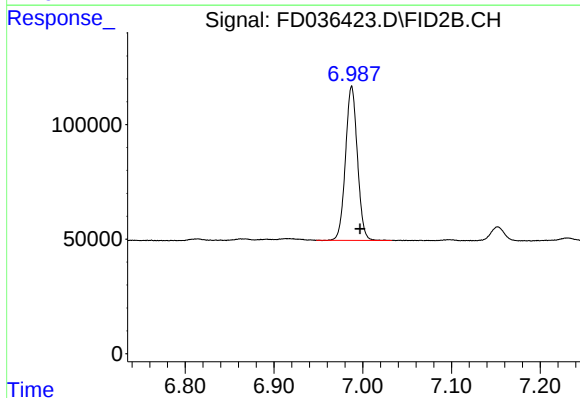
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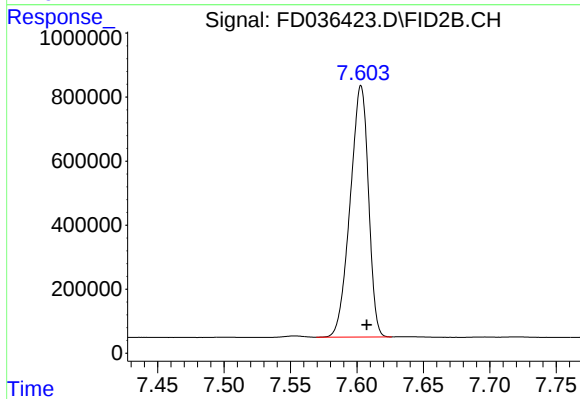
#2 Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.009 min
Response: 590636
Conc: 4.36 ug/ml



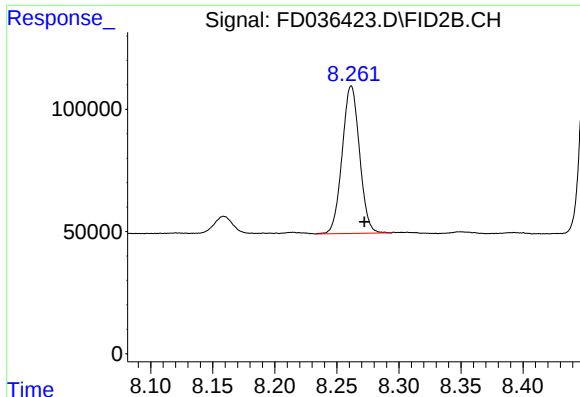
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.010 min
Response: 626087
Conc: 4.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.603 min
Delta R.T.: -0.004 min
Response: 7529037
Conc: 63.88 ug/ml



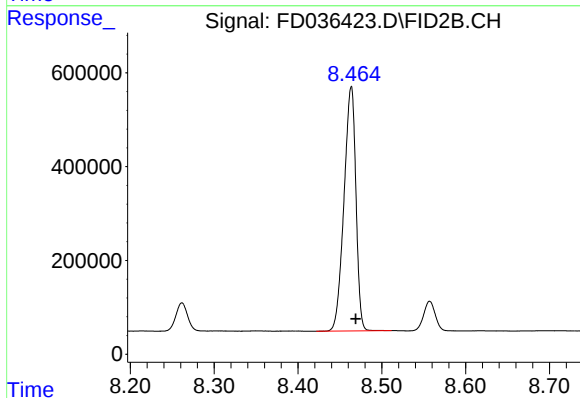
#5 Acenaphthylene (C15.06)

R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 586753
Conc: 4.36 ug/ml

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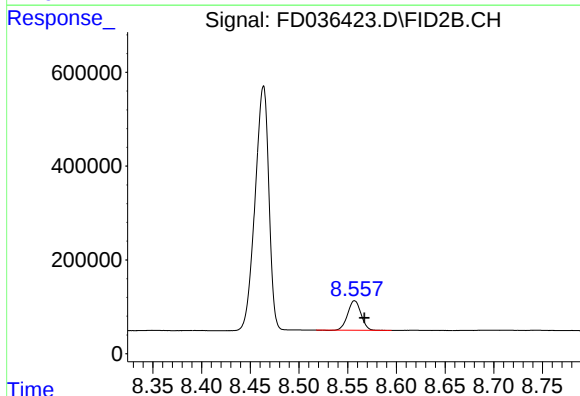
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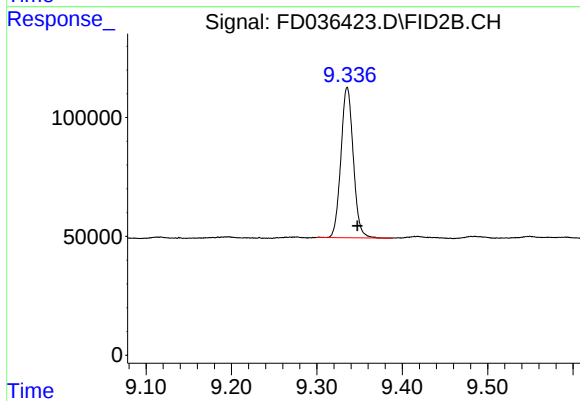
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 5138584
Conc: 61.75 ug/ml



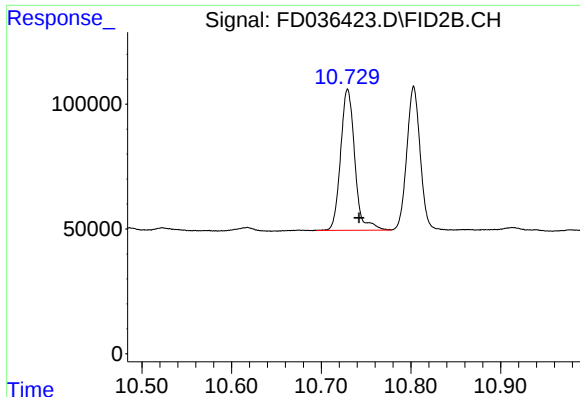
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: -0.010 min
Response: 598587
Conc: 4.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: -0.012 min
Response: 636215
Conc: 4.66 ug/ml



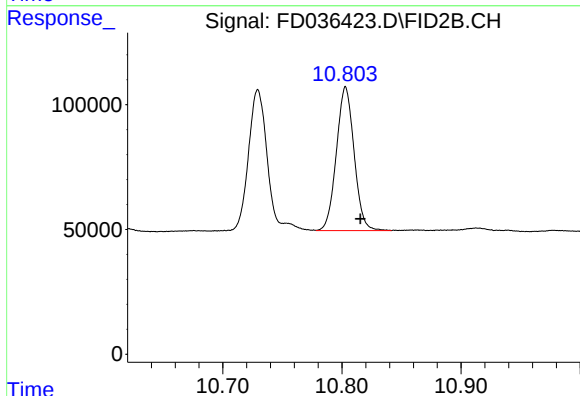
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.013 min
Response: 622305
Conc: 4.52 ug/ml

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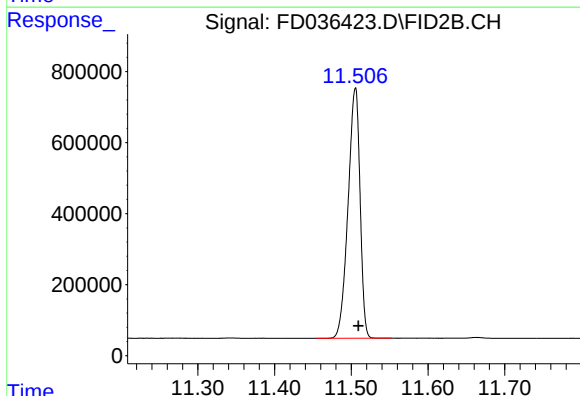
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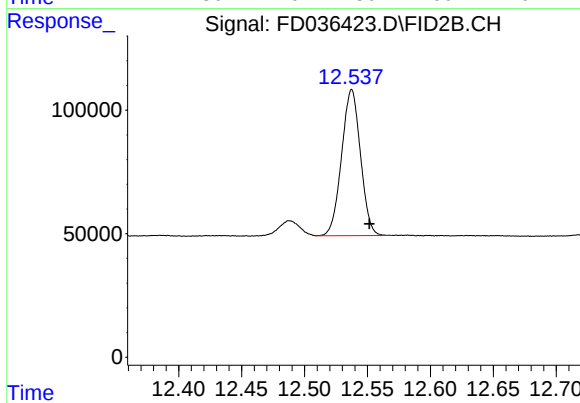
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.012 min
Response: 596362
Conc: 4.44 ug/ml



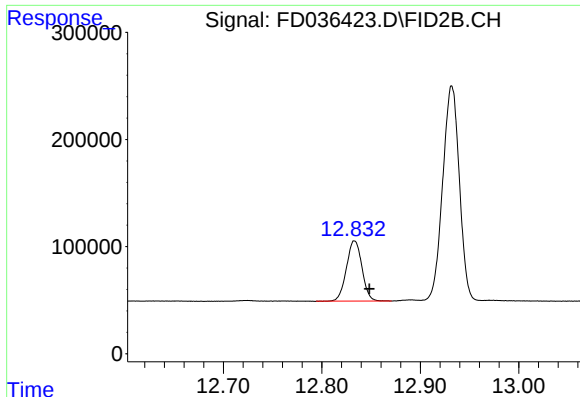
#11 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 7652374
Conc: 54.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.014 min
Response: 618256
Conc: 4.45 ug/ml



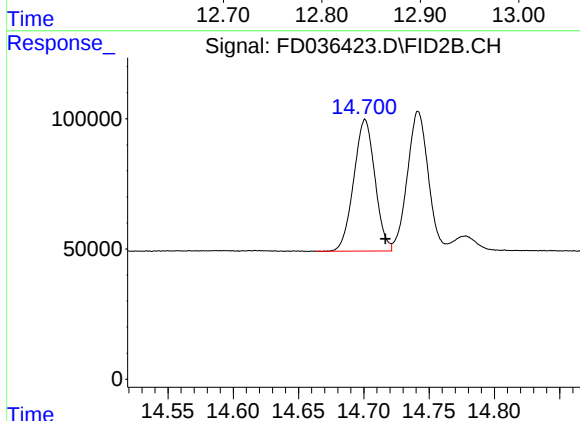
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 617455
Conc: 4.50 ug/ml

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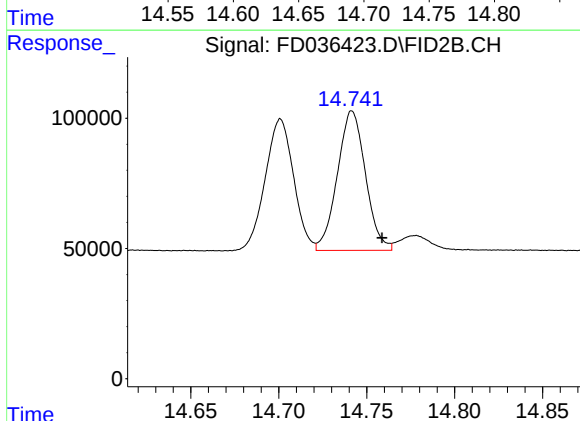
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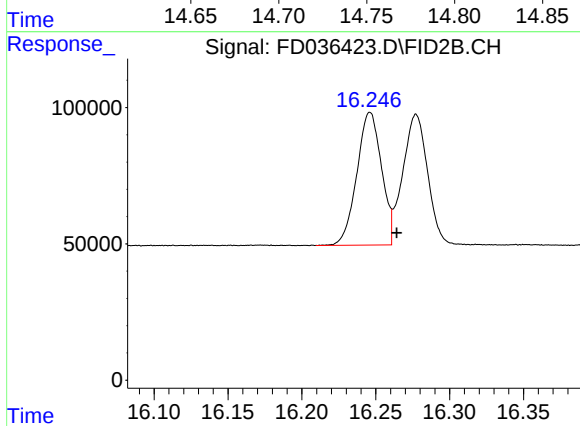
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 570812
Conc: 4.51 ug/ml



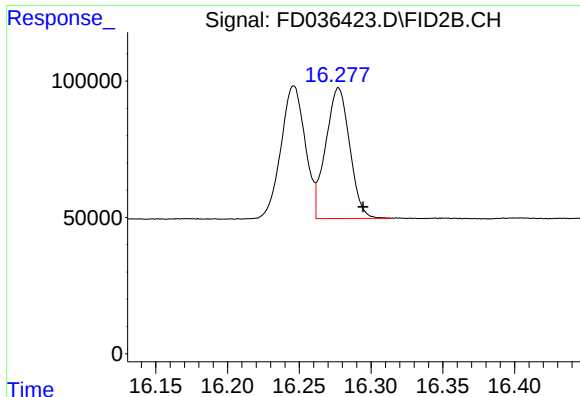
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 596902
Conc: 4.61 ug/ml



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

R.T.: 16.246 min
Delta R.T.: -0.019 min
Response: 564664
Conc: 4.64 ug/ml m



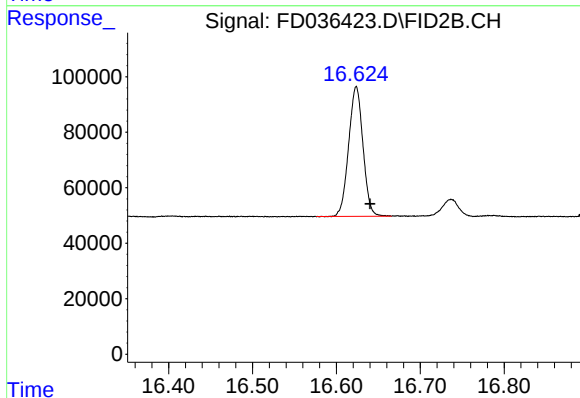
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.017 min
Response: 557111
Conc: 4.73 ug/ml

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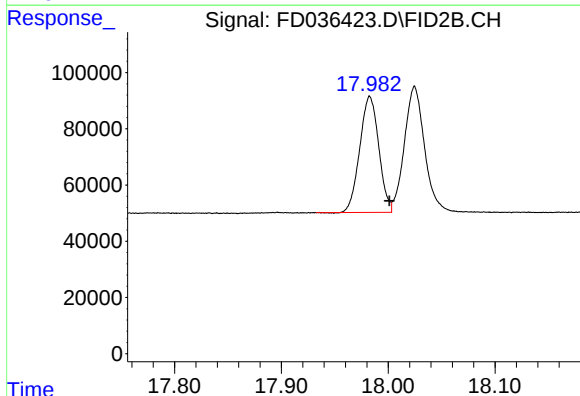
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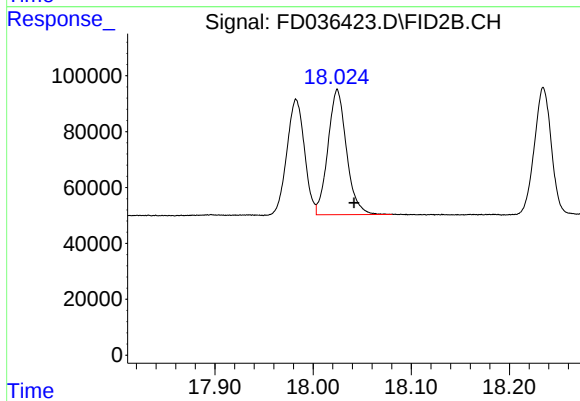
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: -0.017 min
Response: 554348
Conc: 5.03 ug/ml



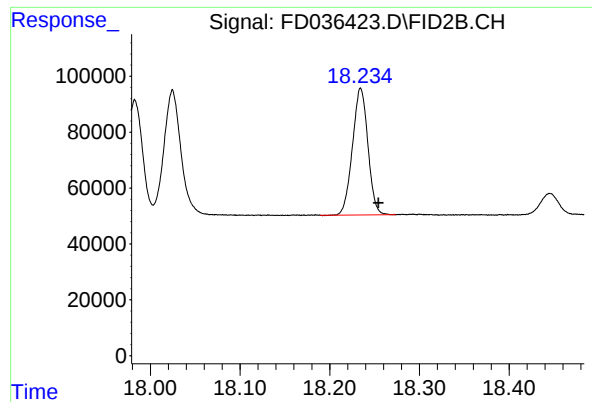
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: -0.018 min
Response: 511647
Conc: 4.62 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.017 min
Response: 588902
Conc: 5.32 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.020 min
Response: 542221
Conc: 4.90 ug/ml

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