

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051520AR\
 Data File : FD033521.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2020 14:41
 Operator : DD\AJ
 Sample : L2636-02MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 AST-2MSD

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Integration File: autoint1.e
 Quant Time: May 16 04:14:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

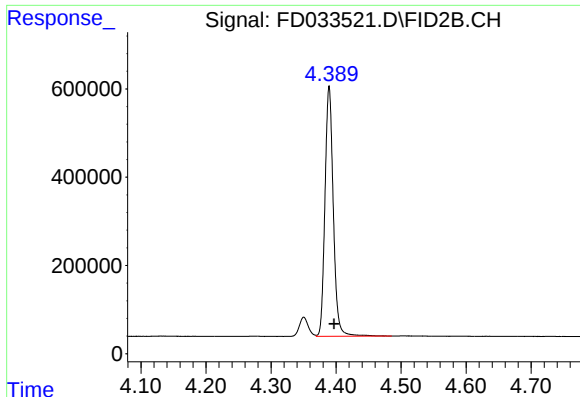
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.581	6050979	55.022 ug/ml
Spiked Amount 50.000		Recovery =	110.04%
6) S 2-Fluorobiphenyl (SURR)	8.444	4263483	57.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.84%
11) S ortho-Terphenyl (SURR)	11.476	6305579	48.864 ug/ml
Spiked Amount 50.000		Recovery =	97.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	5038839	44.277 ug/ml
2) T Naphthalene (C11.7)	5.923	5742587	48.722 ug/ml
3) T 2-Methylnaphthalene (...)	6.972	6120411	51.394 ug/ml
5) T Acenaphthylene (C15.06)	8.245	6128569	50.770 ug/ml
7) T Acenaphthene (C15.5)	8.541	6631471	52.538 ug/ml
8) T Fluorene (C16.55)	9.321	6796588	55.498 ug/ml
9) T Phenanthrene (C19.36)	10.717	7183157	56.824 ug/ml
10) T Anthracene (C19.43)	10.792	7276721	59.806 ug/ml
12) T Fluoranthene (C21.85)	12.528	7366400	56.852 ug/ml
13) T Pyrene (C20.8)	12.825	7265560	56.242 ug/ml
14) T Benzo[a]anthracene (C...	14.696	6766745	55.392 ug/ml
15) T Chrysene (C27.41)	14.741	7699344	59.792 ug/ml
16) T benzo[b]fluoranthene ...	16.251	7006027	56.311 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.285	6989275	54.283 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	6163705	49.899 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.002	6581185	55.478 ug/mlm
20) T Dibenz[a,h]anthracene...	18.035	6405779	51.814 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	6406499	53.096 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



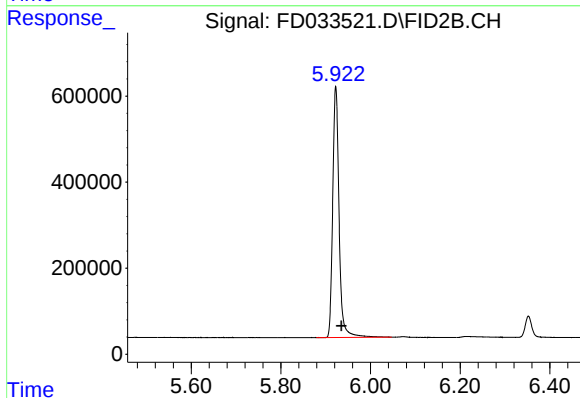
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.008 min
Response: 5038839
Conc: 44.28 ug/ml

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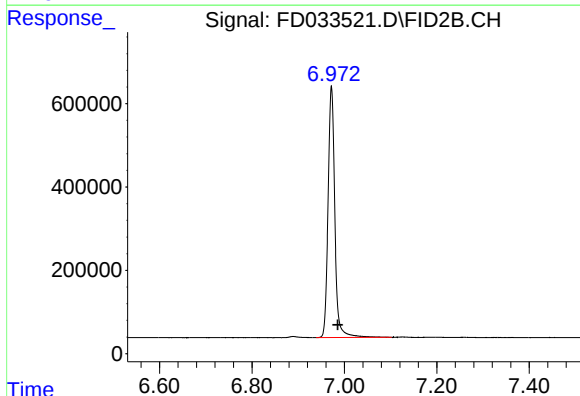
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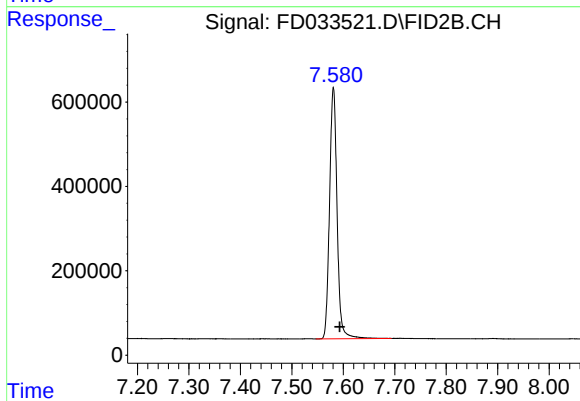
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.012 min
Response: 5742587
Conc: 48.72 ug/ml



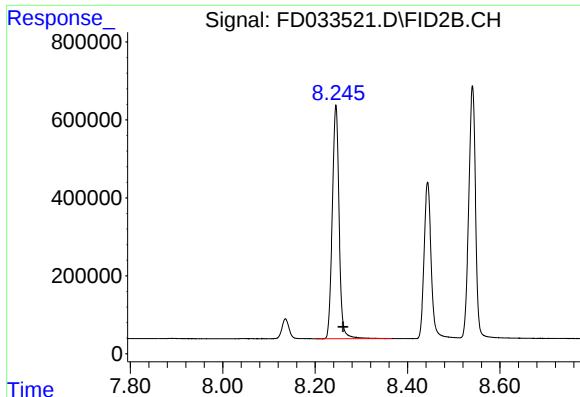
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: -0.014 min
Response: 6120411
Conc: 51.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.581 min
Delta R.T.: -0.012 min
Response: 6050979
Conc: 55.02 ug/ml



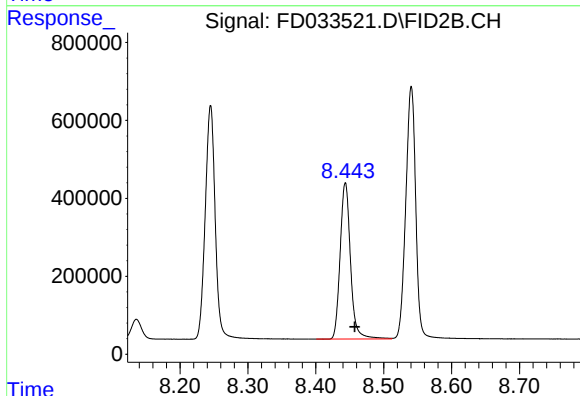
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.015 min
Response: 6128569
Conc: 50.77 ug/ml

Instrument :
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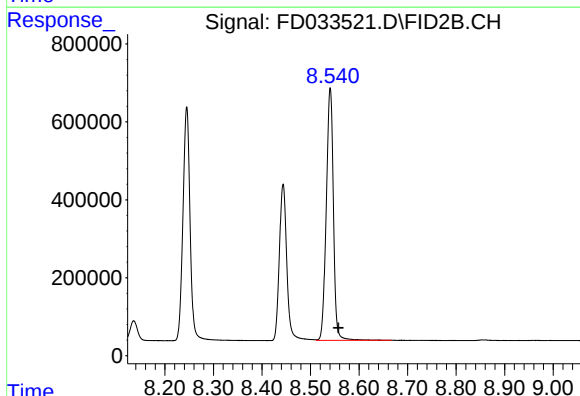
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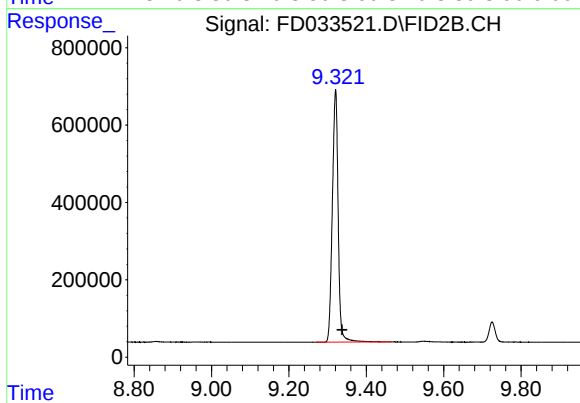
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.014 min
Response: 4263483
Conc: 57.42 ug/ml



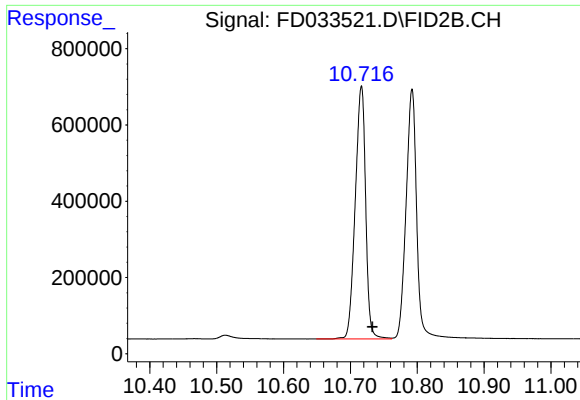
#7 Acenaphthene (C15.5)

R.T.: 8.541 min
Delta R.T.: -0.017 min
Response: 6631471
Conc: 52.54 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.321 min
Delta R.T.: -0.017 min
Response: 6796588
Conc: 55.50 ug/ml



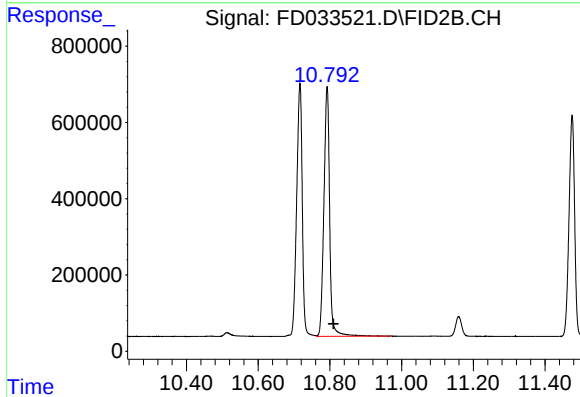
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.017 min
Response: 7183157
Conc: 56.82 ug/ml

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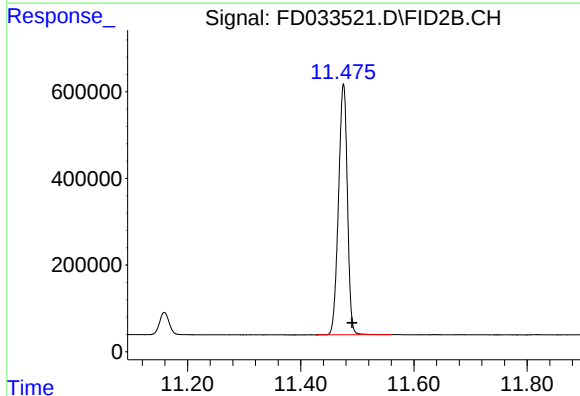
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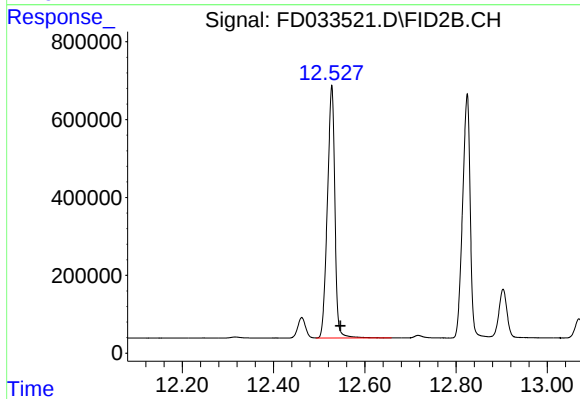
#10 Anthracene (C19.43)

R.T.: 10.792 min
Delta R.T.: -0.018 min
Response: 7276721
Conc: 59.81 ug/ml



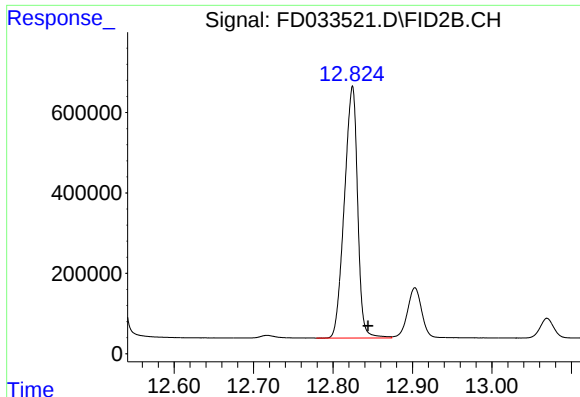
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.015 min
Response: 6305579
Conc: 48.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.019 min
Response: 7366400
Conc: 56.85 ug/ml



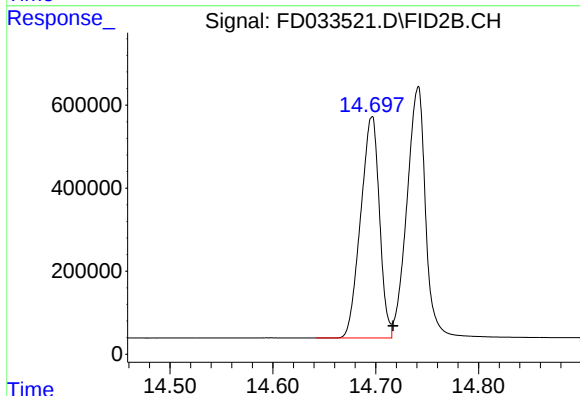
#13 Pyrene (C20.8)

R.T.: 12.825 min
Delta R.T.: -0.020 min
Response: 7265560
Conc: 56.24 ug/ml

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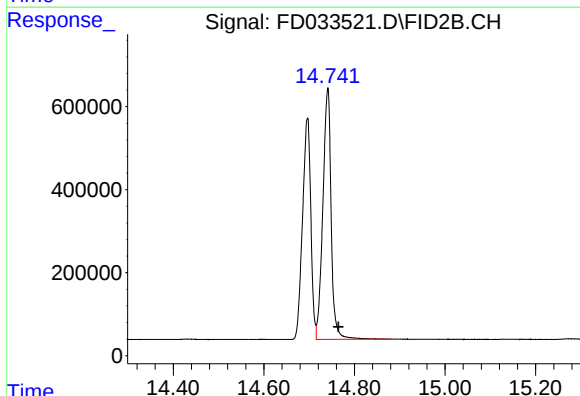
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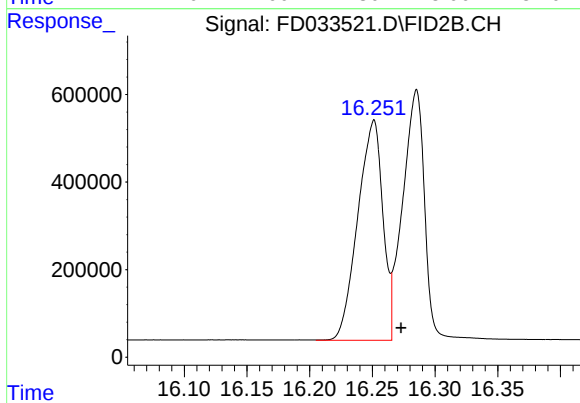
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.696 min
Delta R.T.: -0.020 min
Response: 6766745
Conc: 55.39 ug/ml



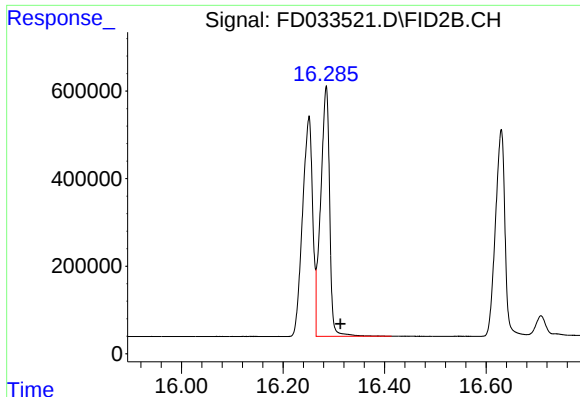
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: -0.023 min
Response: 7699344
Conc: 59.79 ug/ml



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

R.T.: 16.251 min
Delta R.T.: -0.022 min
Response: 7006027
Conc: 56.31 ug/ml m



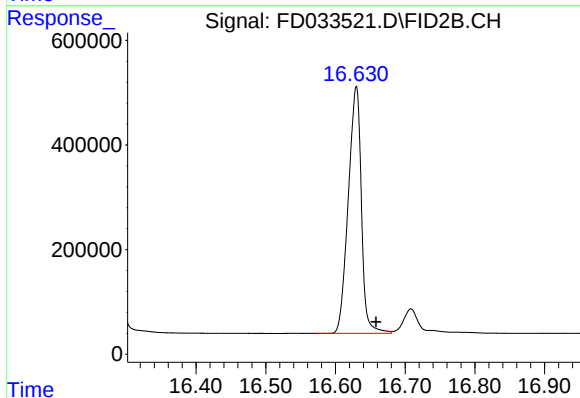
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.285 min
Delta R.T.: -0.028 min
Response: 6989275
Conc: 54.28 ug/ml

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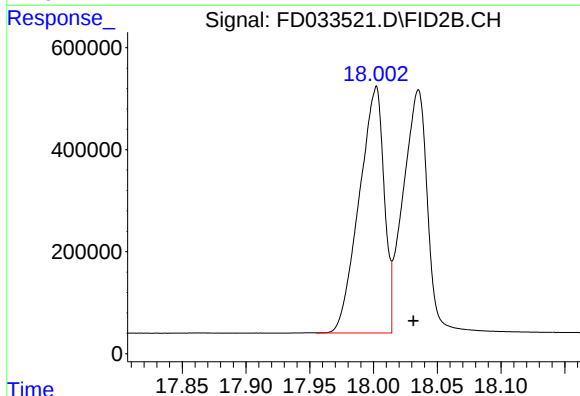
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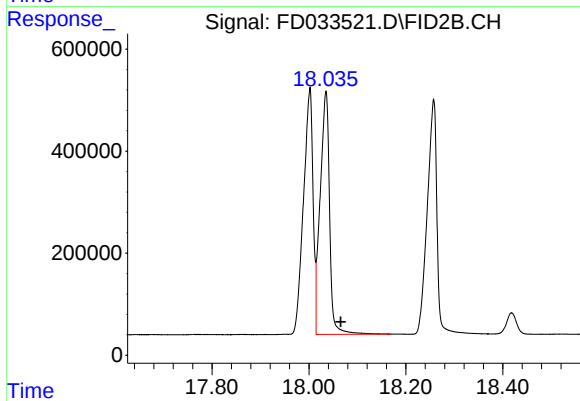
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.028 min
Response: 6163705
Conc: 49.90 ug/ml



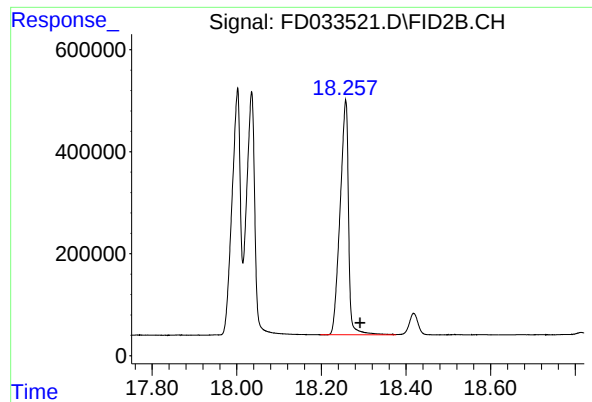
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.002 min
Delta R.T.: -0.029 min
Response: 6581185
Conc: 55.48 ug/ml m



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

R.T.: 18.035 min
Delta R.T.: -0.031 min
Response: 6405779
Conc: 51.81 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.034 min
Response: 6406499
Conc: 53.10 ug/ml

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