

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033475.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 18:14
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

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Integration File: sample.E
 Quant Time: May 13 04:10:58 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

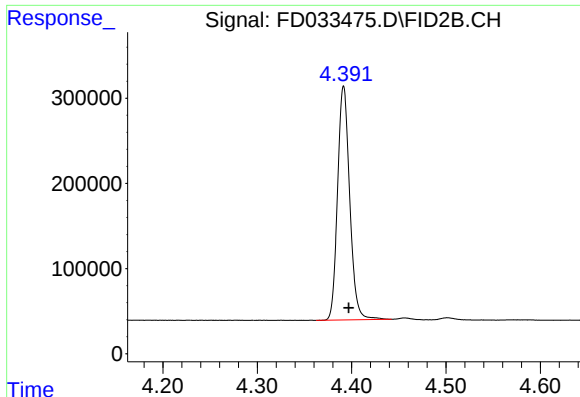
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.583	2365631	21.511 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
6) S 2-Fluorobiphenyl (SURR)	8.446	1584959	21.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.69%
11) S ortho-Terphenyl (SURR)	11.476	2663990	20.644 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	2453858	21.563 ug/ml
2) T Naphthalene (C11.7)	5.926	2565356	21.765 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	2583318	21.692 ug/ml
5) T Acenaphthylene (C15.06)	8.247	2559409	21.203 ug/ml
7) T Acenaphthene (C15.5)	8.542	2672335	21.172 ug/ml
8) T Flouorene (C16.55)	9.322	2598232	21.216 ug/ml
9) T Phenanthrene (C19.36)	10.716	2633760	20.835 ug/ml
10) T Anthracene (C19.43)	10.791	2512204	20.647 ug/ml
12) T Fluoranthene (C21.85)	12.526	2668813	20.597 ug/ml
13) T Pyrene (C20.8)	12.822	2651720	20.527 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2531895	20.726 ug/mlm
15) T Chrysene (C27.41)	14.737	2623287	20.372 ug/ml
16) T benzo[b]fluoranthene ...	16.247	2550815	20.502 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.279	2602604	20.213 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	2495814	20.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.997	2438540	20.556 ug/mlm
20) T Dibenz[a,h]anthracene...	18.031	2686176	21.727 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	2430776	20.146 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



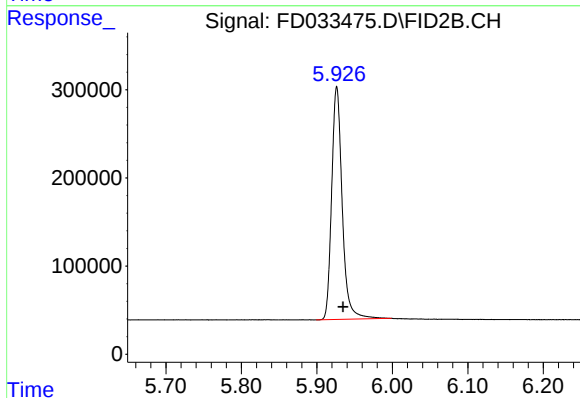
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: -0.005 min
Response: 2453858
Conc: 21.56 ug/ml

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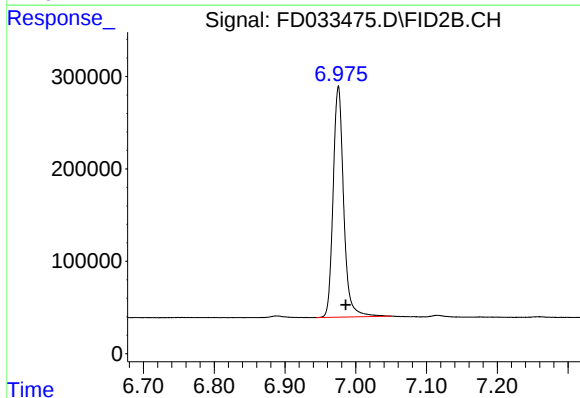
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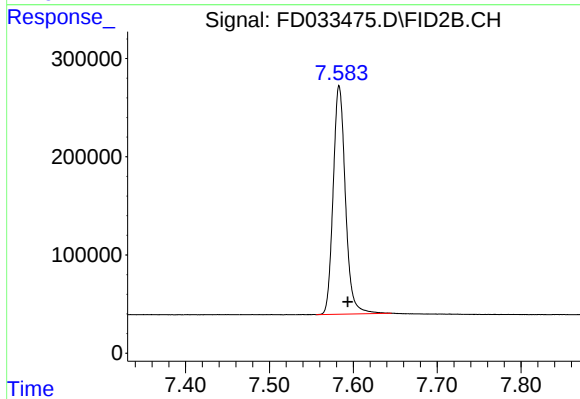
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: 2565356
Conc: 21.77 ug/ml



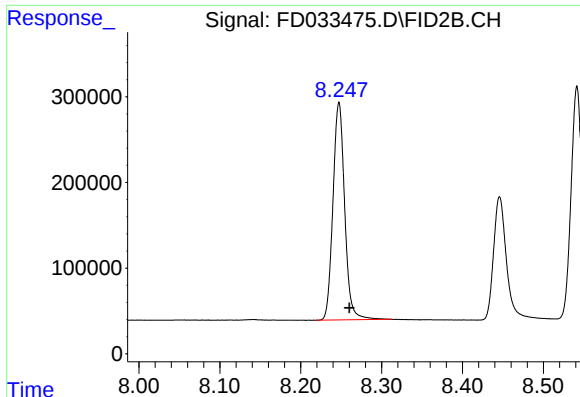
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.011 min
Response: 2583318
Conc: 21.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.583 min
Delta R.T.: -0.010 min
Response: 2365631
Conc: 21.51 ug/ml



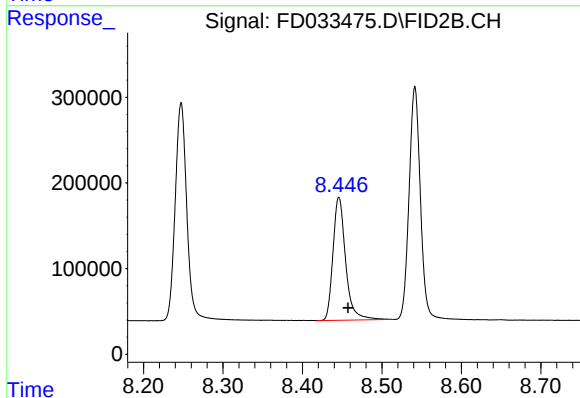
#5 Acenaphthylene (C15.06)

R.T.: 8.247 min
Delta R.T.: -0.013 min
Response: 2559409
Conc: 21.20 ug/ml

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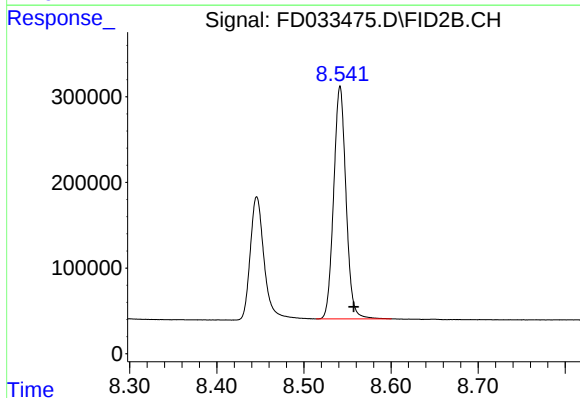
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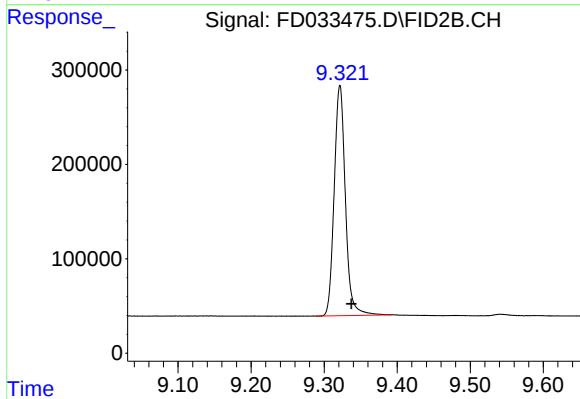
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.446 min
Delta R.T.: -0.011 min
Response: 1584959
Conc: 21.35 ug/ml



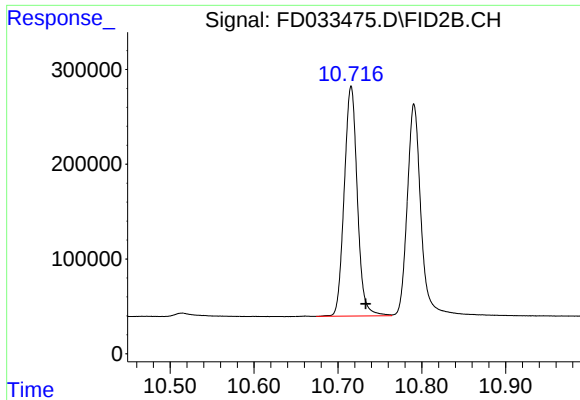
#7 Acenaphthene (C15.5)

R.T.: 8.542 min
Delta R.T.: -0.016 min
Response: 2672335
Conc: 21.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.322 min
Delta R.T.: -0.016 min
Response: 2598232
Conc: 21.22 ug/ml



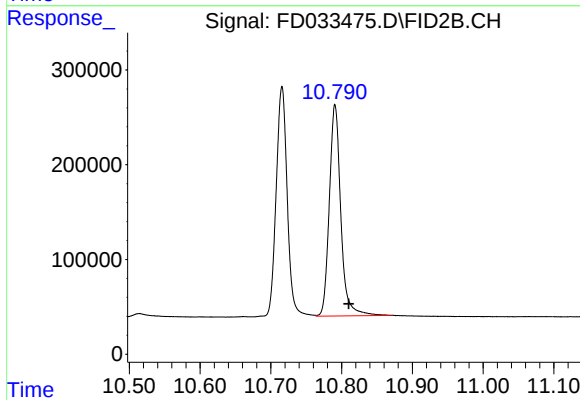
#9 Phenanthrene (C19.36)

R.T.: 10.716 min
Delta R.T.: -0.017 min
Response: 2633760
Conc: 20.83 ug/ml

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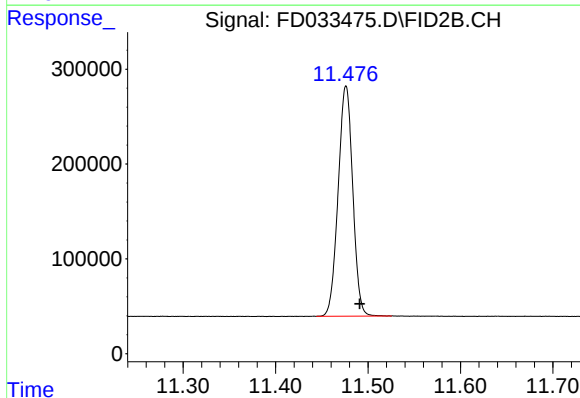
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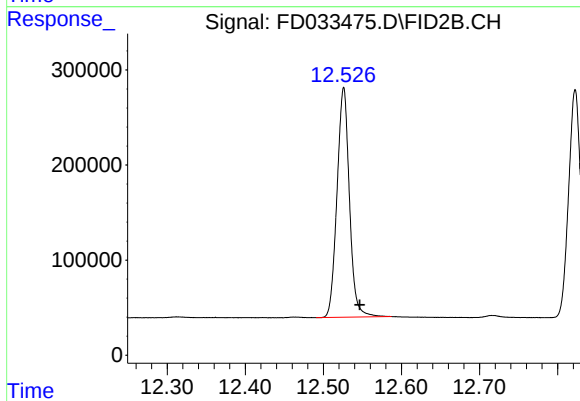
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.019 min
Response: 2512204
Conc: 20.65 ug/ml



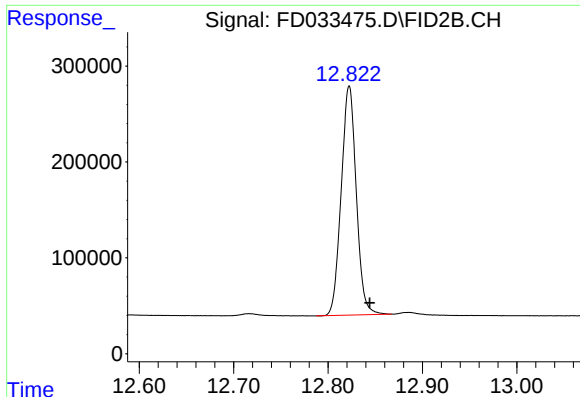
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.015 min
Response: 2663990
Conc: 20.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: -0.021 min
Response: 2668813
Conc: 20.60 ug/ml



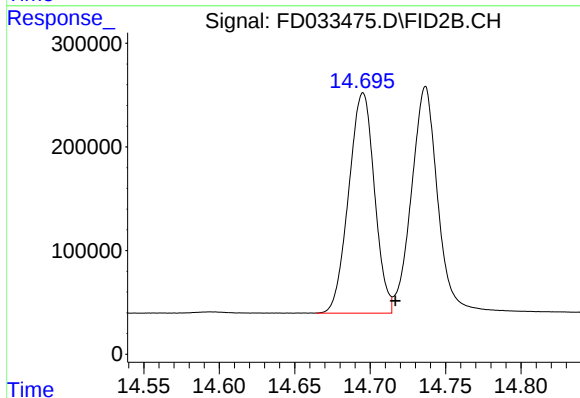
#13 Pyrene (C20.8)

R.T.: 12.822 min
Delta R.T.: -0.022 min
Response: 2651720
Conc: 20.53 ug/ml

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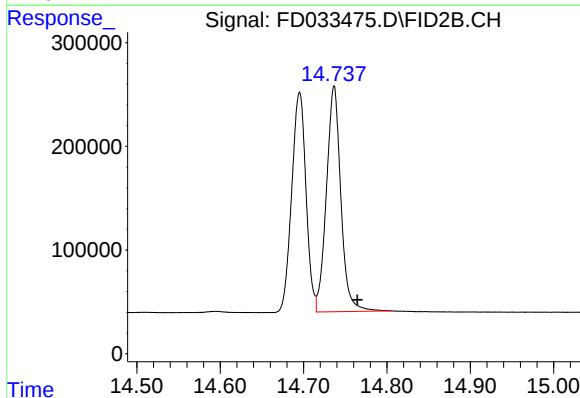
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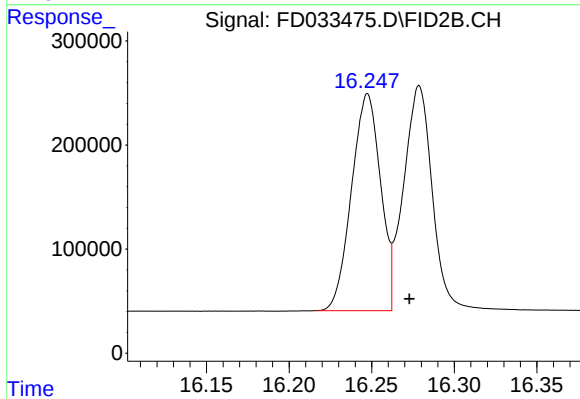
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.022 min
Response: 2531895
Conc: 20.73 ug/ml m



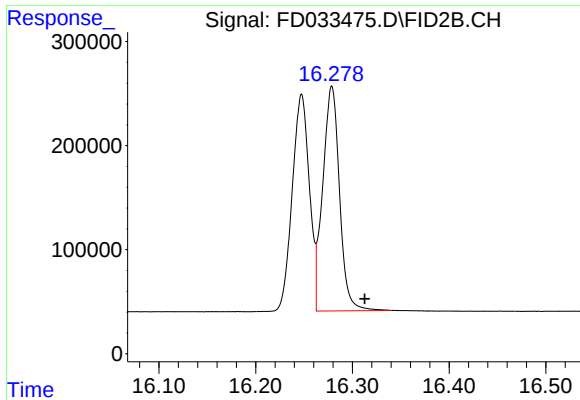
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.028 min
Response: 2623287
Conc: 20.37 ug/ml



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

R.T.: 16.247 min
Delta R.T.: -0.026 min
Response: 2550815
Conc: 20.50 ug/ml m



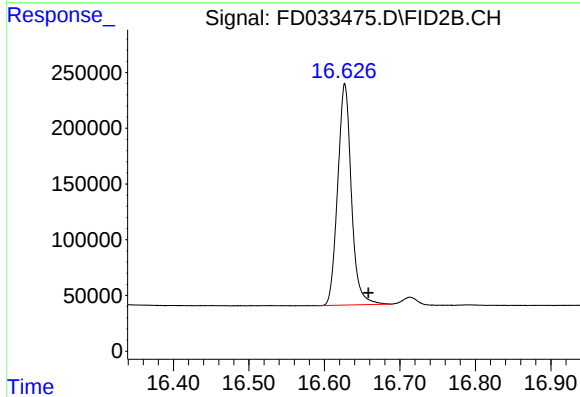
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.279 min
Delta R.T.: -0.034 min
Response: 2602604
Conc: 20.21 ug/ml

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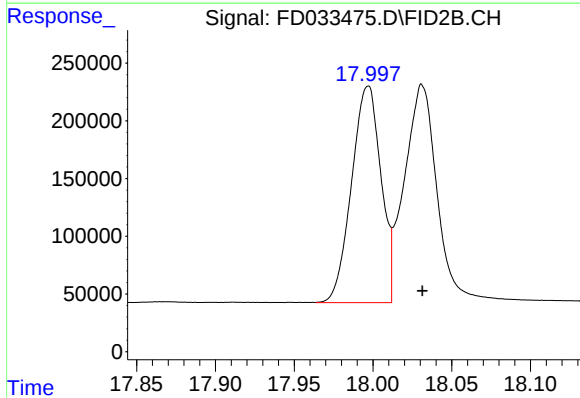
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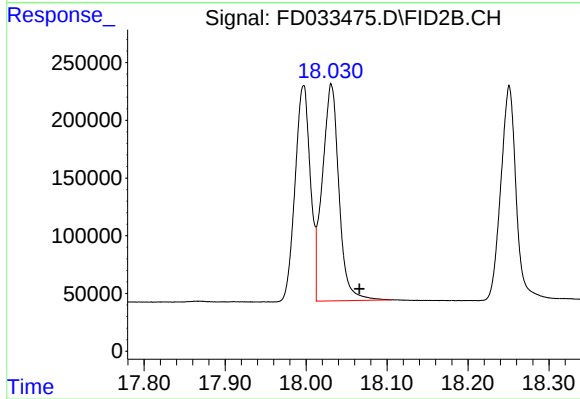
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: -0.031 min
Response: 2495814
Conc: 20.21 ug/ml



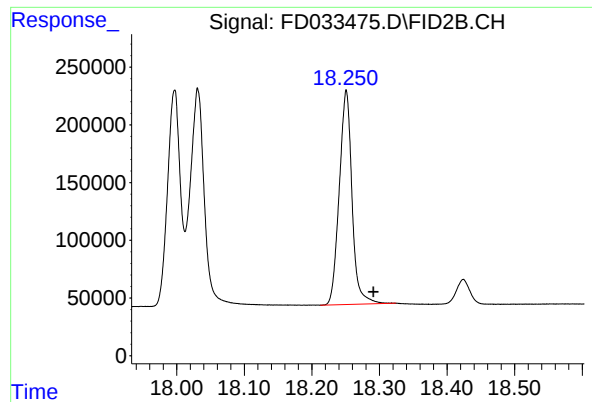
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.997 min
Delta R.T.: -0.034 min
Response: 2438540
Conc: 20.56 ug/ml m



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

R.T.: 18.031 min
Delta R.T.: -0.035 min
Response: 2686176
Conc: 21.73 ug/ml



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

R.T.: 18.251 min
Delta R.T.: -0.040 min
Response: 2430776
Conc: 20.15 ug/ml

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