

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022420AR\
 Data File : FD032410.D
 Signal(s) : FID2B.CH
 Acq On : 24 Feb 2020 22:16
 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

Manual Integrations
 APPROVED

Sohil
 2/26/2020 9:18:49 AM

Integration File: autoint1.e
 Quant Time: Feb 25 01:12:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.626	2503090	18.012 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
6) S 2-Fluorobiphenyl (SURR)	8.487	1670580	17.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.23%
11) S ortho-Terphenyl (SURR)	11.524	2529281	17.052 ug/ml
Spiked Amount 50.000		Recovery =	34.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	2718043	18.768 ug/mlm
2) T Naphthalene (C11.7)	5.967	2812252	18.454 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	2752249	18.193 ug/ml
5) T Acenaphthylene (C15.06)	8.291	2545967	17.278 ug/ml
7) T Acenaphthene (C15.5)	8.586	2683319	17.769 ug/ml
8) T Fluorene (C16.55)	9.365	2615555	17.477 ug/ml
9) T Phenanthrene (C19.36)	10.759	2576445	17.035 ug/ml
10) T Anthracene (C19.43)	10.833	2294560	15.469 ug/ml
12) T Fluoranthene (C21.85)	12.569	2445460	16.240 ug/ml
13) T Pyrene (C20.8)	12.866	2405832	16.115 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2236376	15.747 ug/ml
15) T Chrysene (C27.41)	14.778	2289612	16.017 ug/ml
16) T benzo[b]fluoranthene ...	16.285	2246832	16.213 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	2252661	16.322 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	2230432	16.371 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2198806	16.999 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	2264607	17.349 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2208231	17.582 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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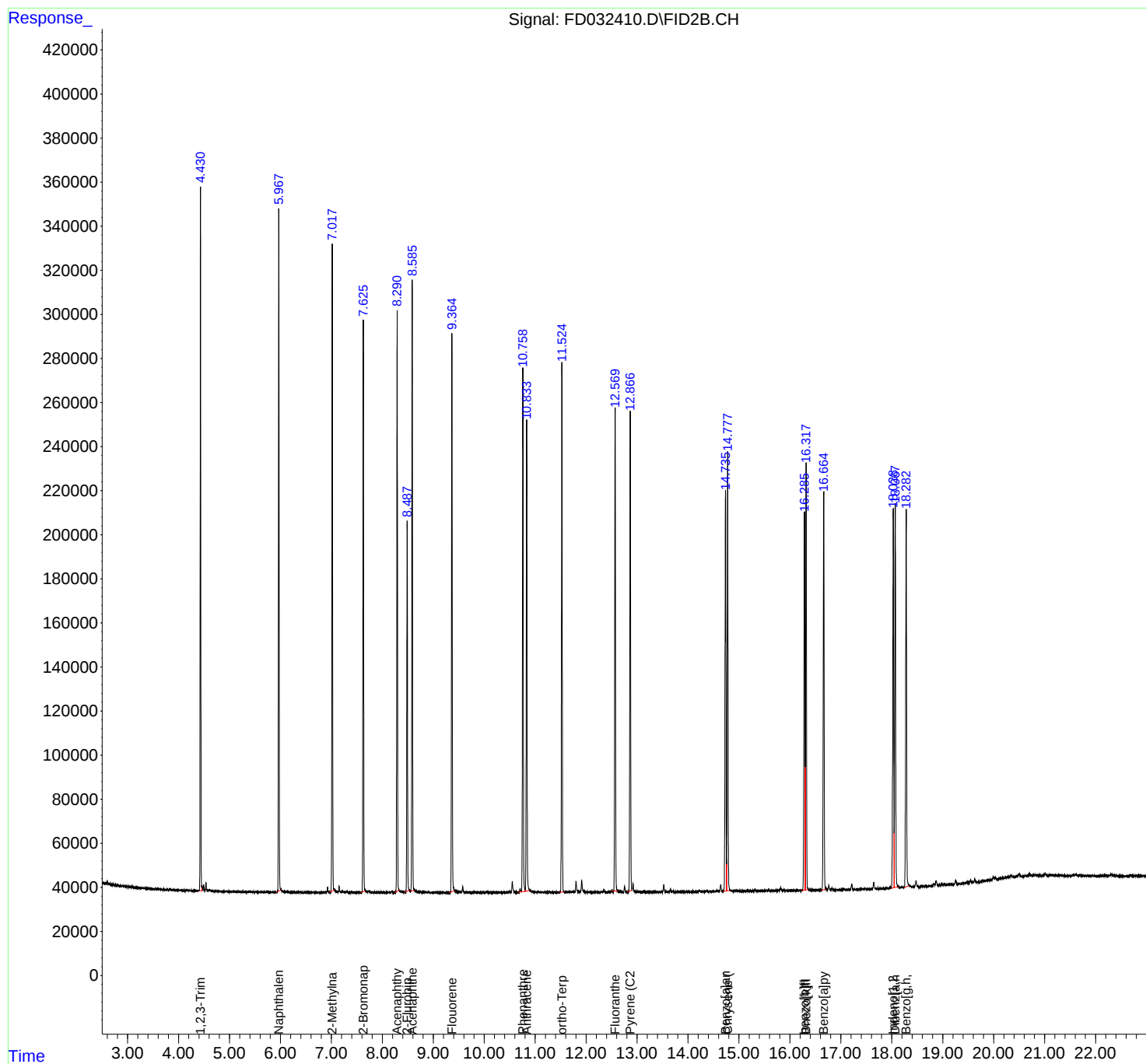
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20 PPM AROMATIC HC STD

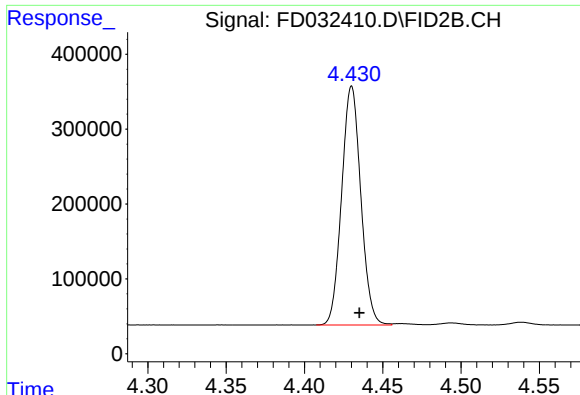
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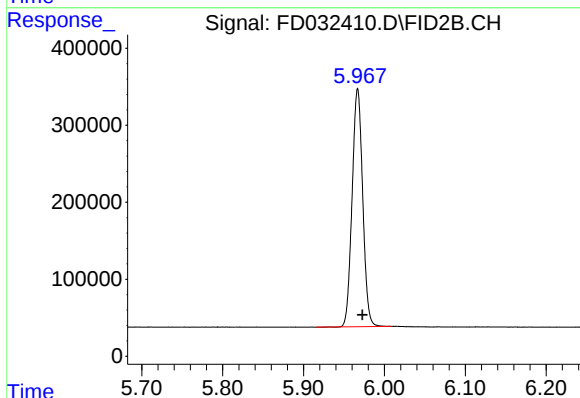
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.005 min
Response: 2718043
Conc: 18.77 ug/ml m

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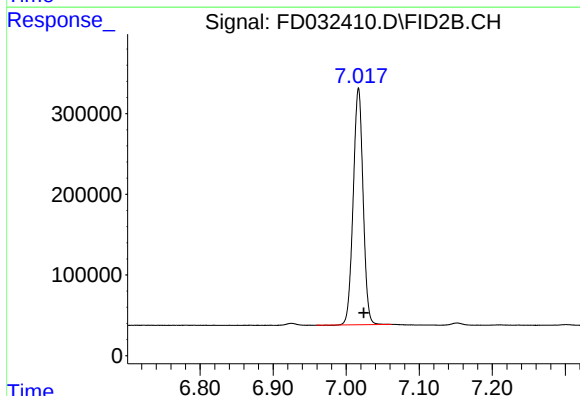
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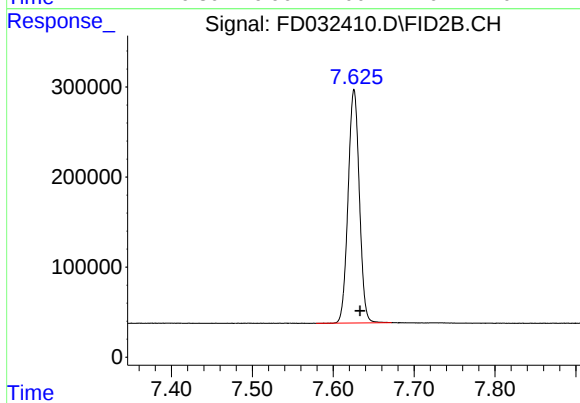
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.006 min
Response: 2812252
Conc: 18.45 ug/ml



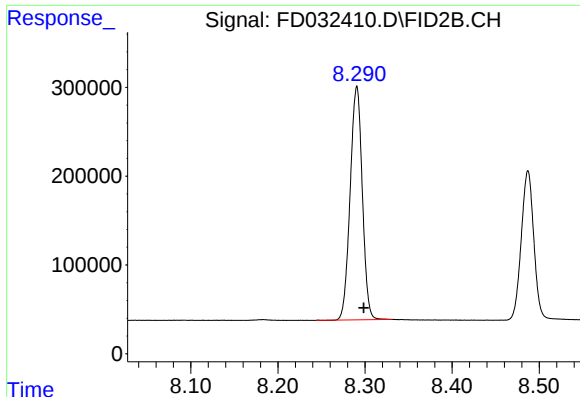
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 2752249
Conc: 18.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 2503090
Conc: 18.01 ug/ml



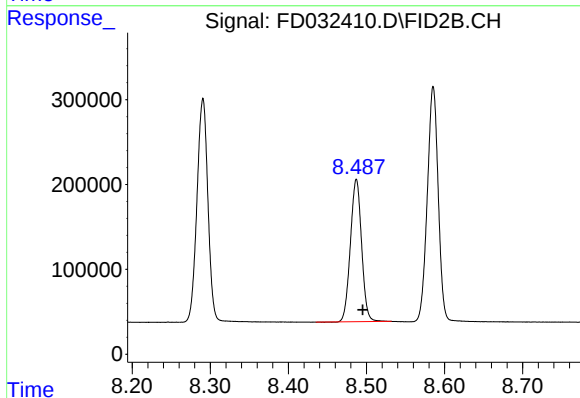
#5 Acenaphthylene (C15.06)

R.T.: 8.291 min
Delta R.T.: -0.008 min
Response: 2545967
Conc: 17.28 ug/ml

Instrument :
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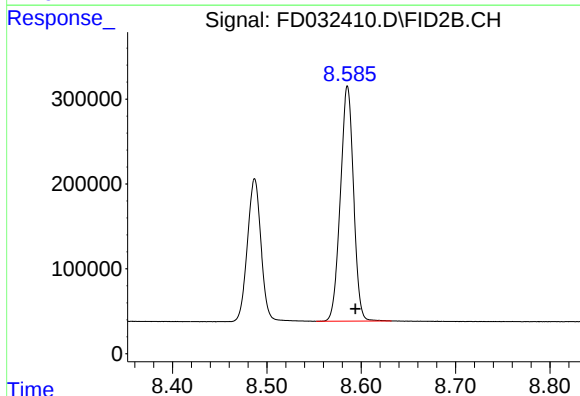
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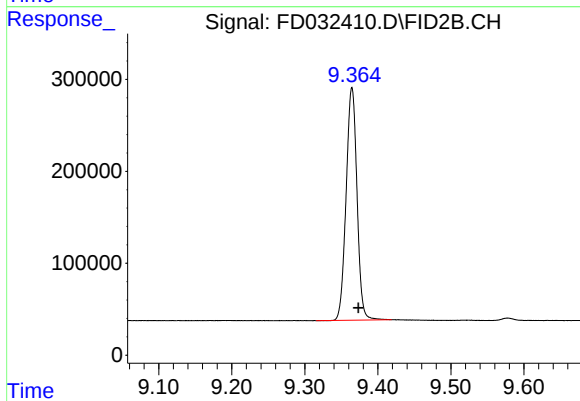
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: -0.008 min
Response: 1670580
Conc: 17.62 ug/ml



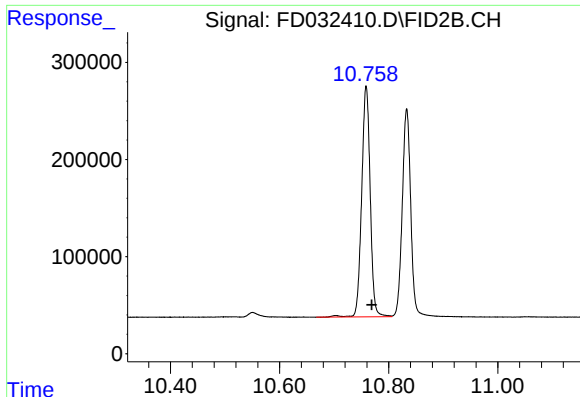
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: -0.008 min
Response: 2683319
Conc: 17.77 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.009 min
Response: 2615555
Conc: 17.48 ug/ml



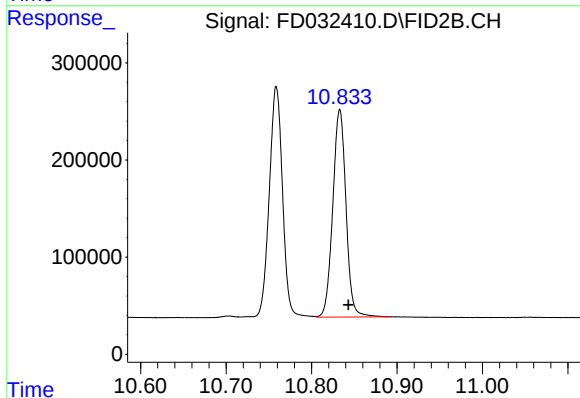
#9 Phenanthrene (C19.36)

R.T.: 10.759 min
Delta R.T.: -0.010 min
Response: 2576445
Conc: 17.04 ug/ml

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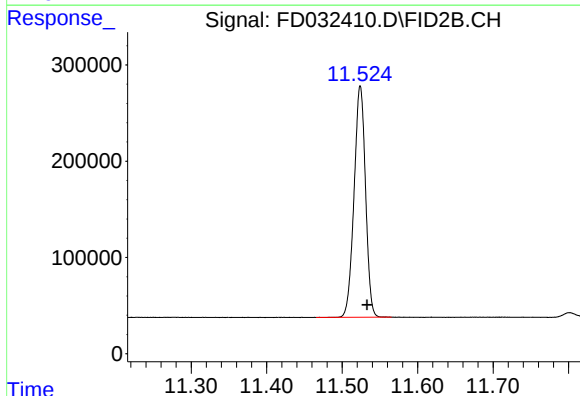
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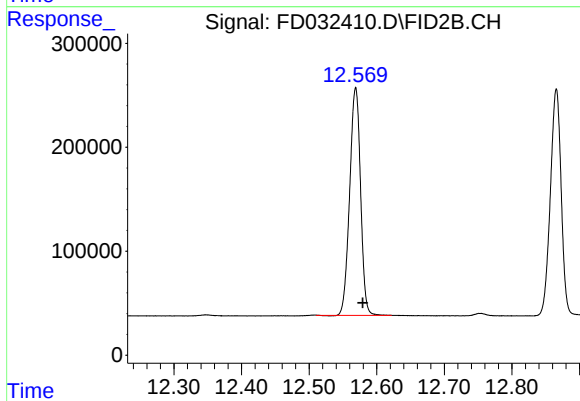
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: -0.010 min
Response: 2294560
Conc: 15.47 ug/ml



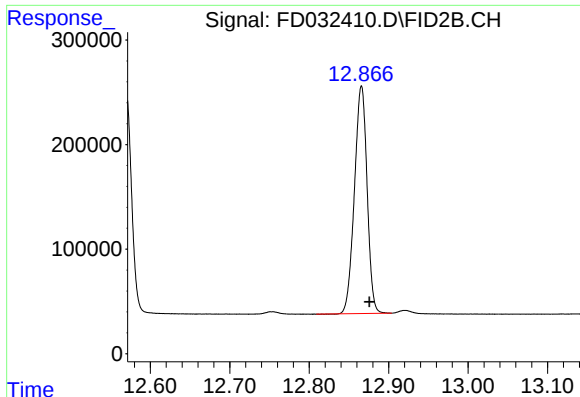
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 2529281
Conc: 17.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: -0.011 min
Response: 2445460
Conc: 16.24 ug/ml



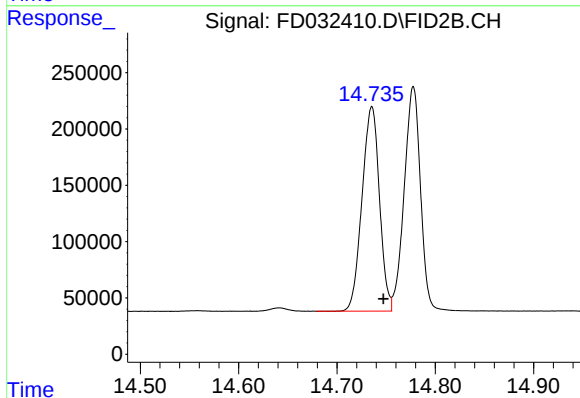
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: -0.010 min
Response: 2405832
Conc: 16.12 ug/ml

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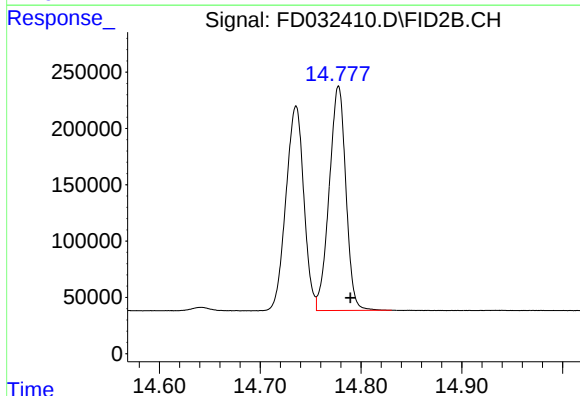
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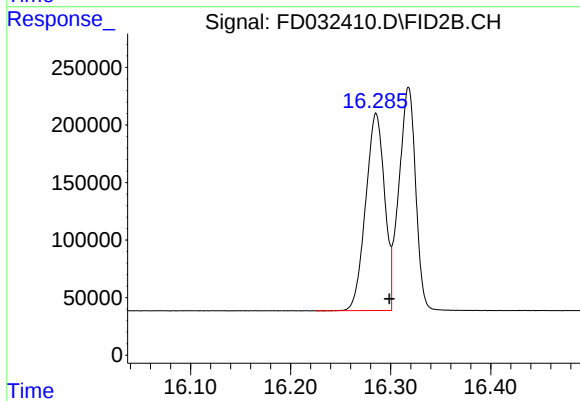
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.012 min
Response: 2236376
Conc: 15.75 ug/ml



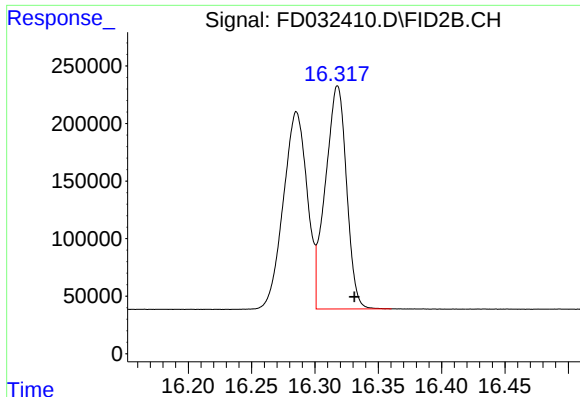
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.012 min
Response: 2289612
Conc: 16.02 ug/ml



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

R.T.: 16.285 min
Delta R.T.: -0.013 min
Response: 2246832
Conc: 16.21 ug/ml



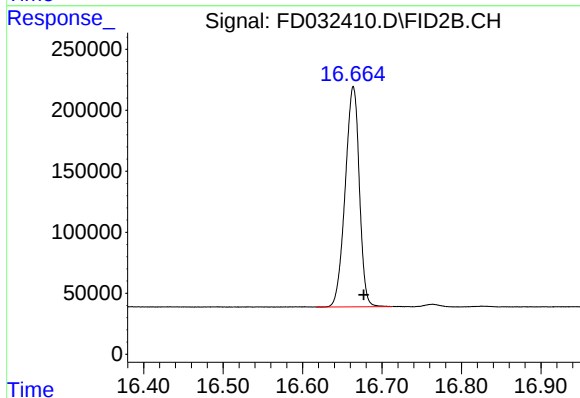
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.013 min
Response: 2252661
Conc: 16.32 ug/ml

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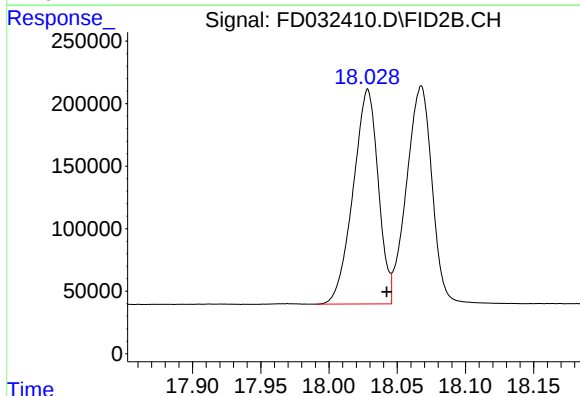
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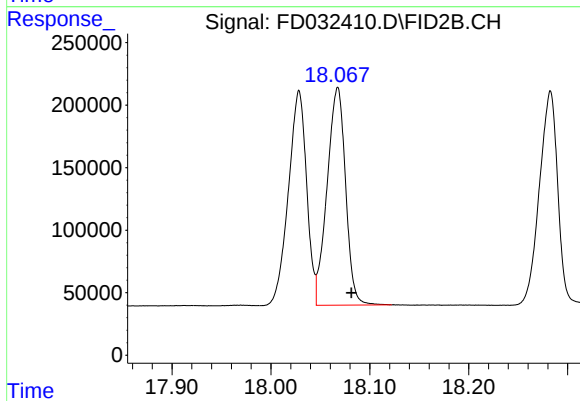
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.664 min
Delta R.T.: -0.013 min
Response: 2230432
Conc: 16.37 ug/ml



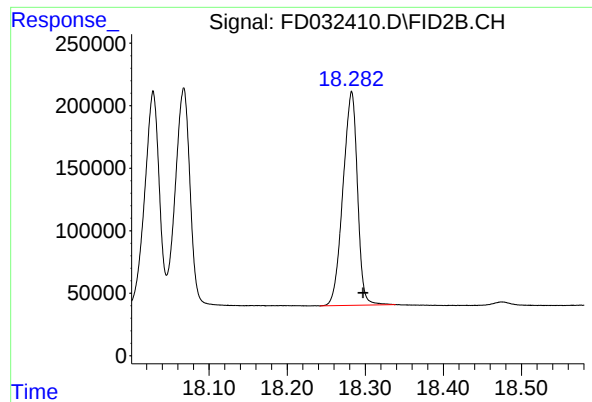
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: -0.014 min
Response: 2198806
Conc: 17.00 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 2264607
Conc: 17.35 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.015 min
Response: 2208231
Conc: 17.58 ug/ml

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