

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036482.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2021 15:30
 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

Ankita
 4/5/2021 12:51:20 PM

Integration File: autoint1.e
 Quant Time: Mar 23 02:45:48 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...	7.594	2129874	18.070 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
6) S 2-Fluorobiphenyl (SURR)	8.454	1479123	17.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.55%
11) S ortho-Terphenyl (SURR)	11.494	2466354	17.506 ug/ml
Spiked Amount 50.000		Recovery =	35.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2307549	18.405 ug/ml
2) T Naphthalene (C11.7)	5.932	2476775	18.277 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	2483027	18.184 ug/ml
5) T Acenaphthylene (C15.06)	8.258	2404324	17.871 ug/ml
7) T Acenaphthene (C15.5)	8.554	2490103	17.990 ug/ml
8) T Fluorene (C16.55)	9.332	2417995	17.718 ug/ml
9) T Phenanthrene (C19.36)	10.726	2413248	17.516 ug/ml
10) T Anthracene (C19.43)	10.801	2312588	17.225 ug/ml
12) T Fluoranthene (C21.85)	12.535	2386941	17.188 ug/ml
13) T Pyrene (C20.8)	12.830	2354611	17.175 ug/ml
14) T Benzo[a]anthracene (C...	14.699	2138808	16.910 ug/ml
15) T Chrysene (C27.41)	14.742	2199517	16.985 ug/ml
16) T benzo[b]fluoranthene ...	16.245	2128268	17.487 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.277	2059336	17.488 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	1948368	17.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	2017101	18.231 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	2028420	18.330 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2054645	18.582 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

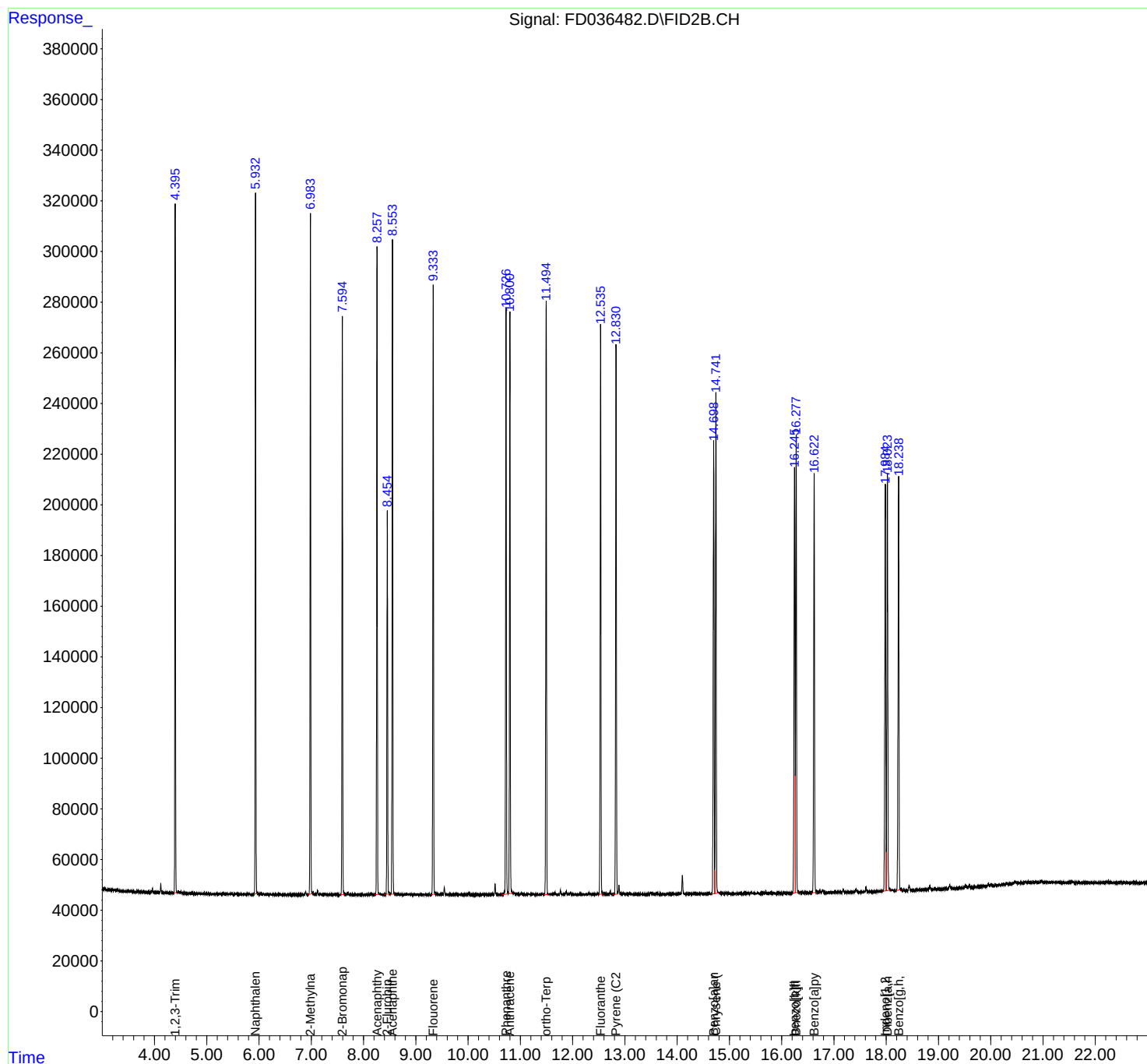
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20 PPM AROMATIC HC STD

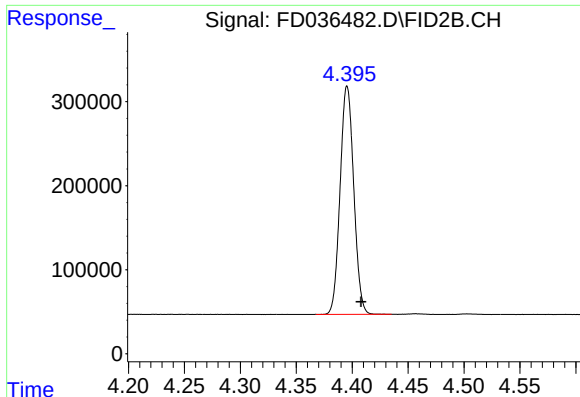
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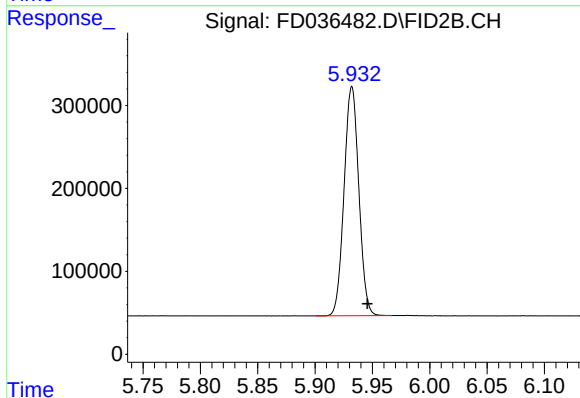
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.013 min
Response: 2307549
Conc: 18.40 ug/ml

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20 PPM AROMATIC HC STD

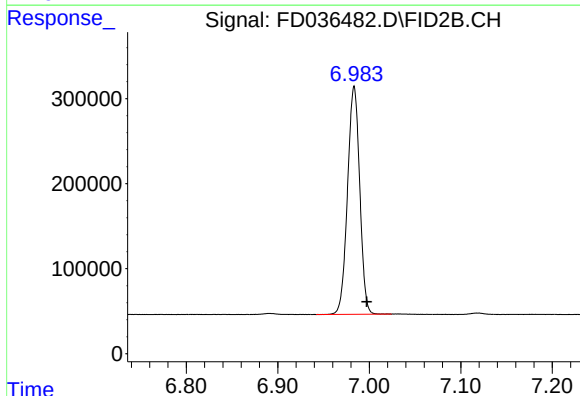
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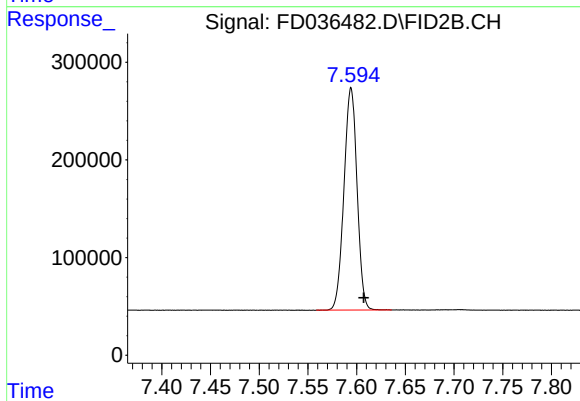
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.013 min
Response: 2476775
Conc: 18.28 ug/ml



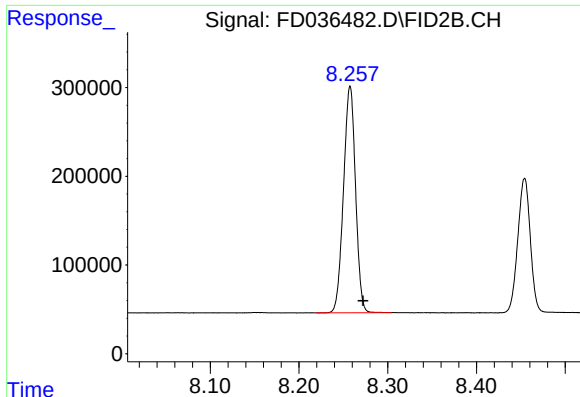
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.014 min
Response: 2483027
Conc: 18.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: -0.013 min
Response: 2129874
Conc: 18.07 ug/ml



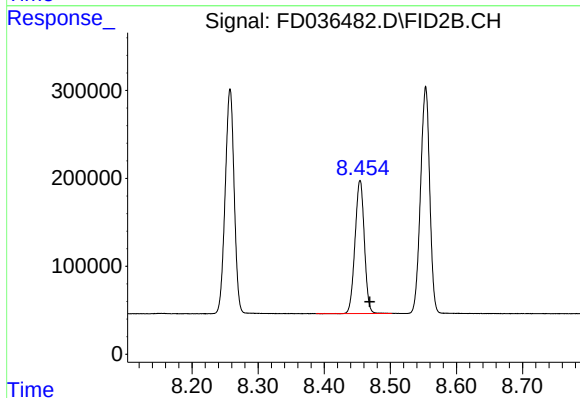
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: -0.014 min
Response: 2404324
Conc: 17.87 ug/ml

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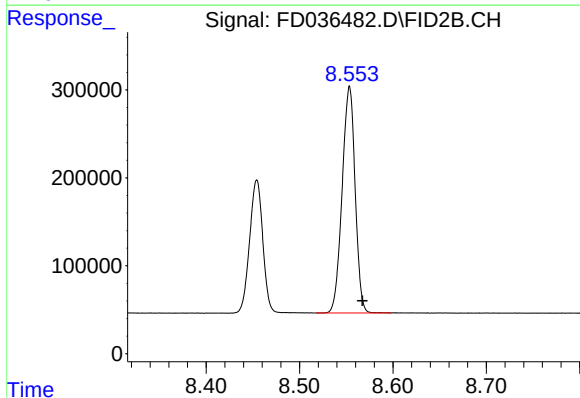
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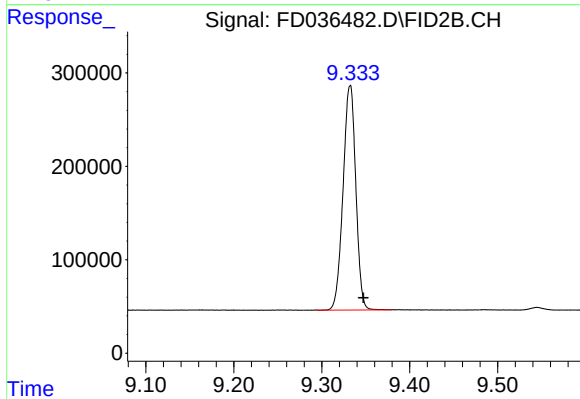
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: -0.015 min
Response: 1479123
Conc: 17.77 ug/ml



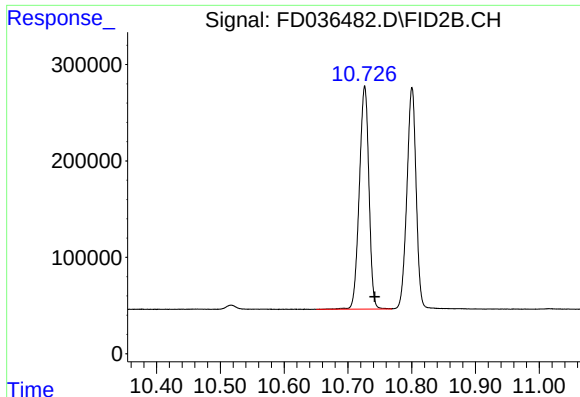
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: -0.014 min
Response: 2490103
Conc: 17.99 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.015 min
Response: 2417995
Conc: 17.72 ug/ml



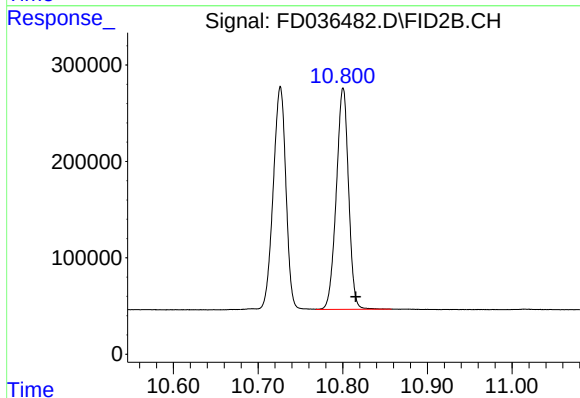
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.016 min
Response: 2413248
Conc: 17.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

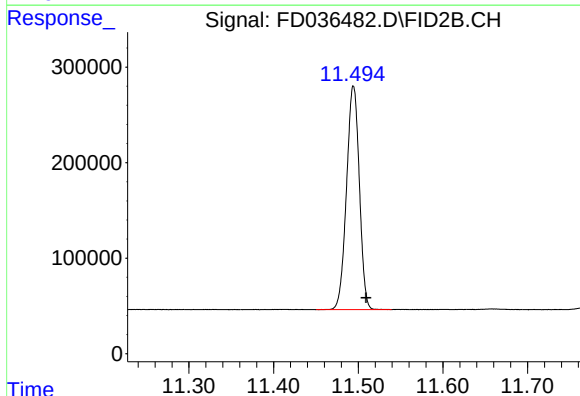
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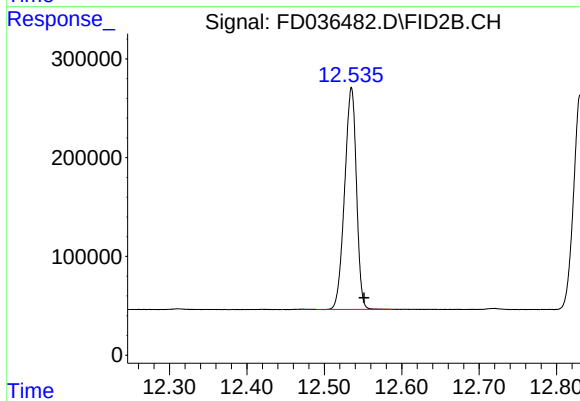
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: -0.015 min
Response: 2312588
Conc: 17.23 ug/ml



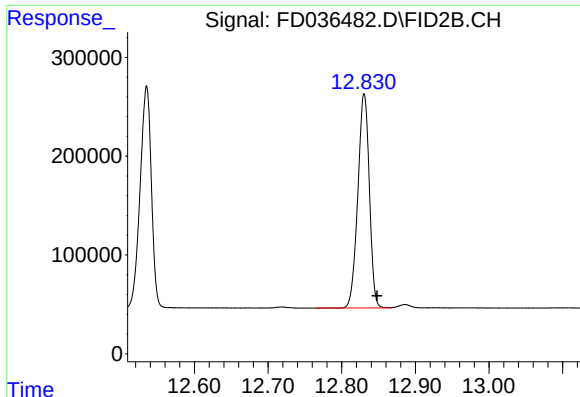
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: -0.015 min
Response: 2466354
Conc: 17.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: -0.016 min
Response: 2386941
Conc: 17.19 ug/ml



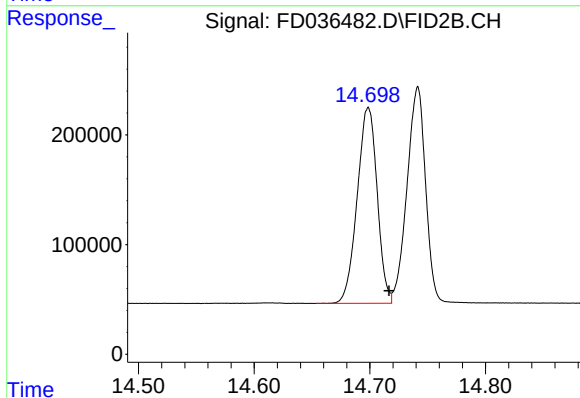
#13 Pyrene (C20.8)

R.T.: 12.830 min
Delta R.T.: -0.018 min
Response: 2354611
Conc: 17.17 ug/ml

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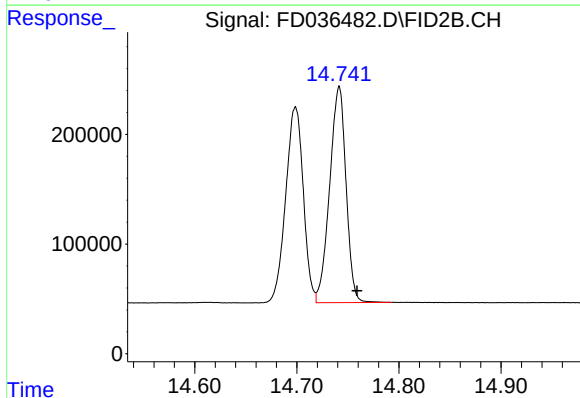
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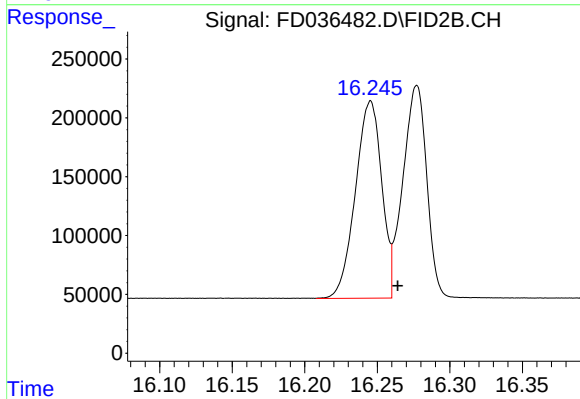
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.018 min
Response: 2138808
Conc: 16.91 ug/ml



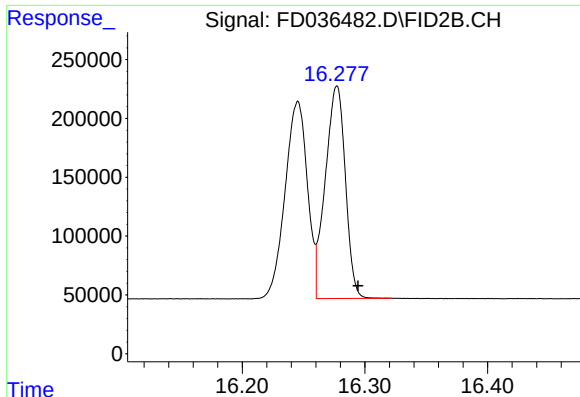
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 2199517
Conc: 16.98 ug/ml



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

R.T.: 16.245 min
Delta R.T.: -0.019 min
Response: 2128268
Conc: 17.49 ug/ml m



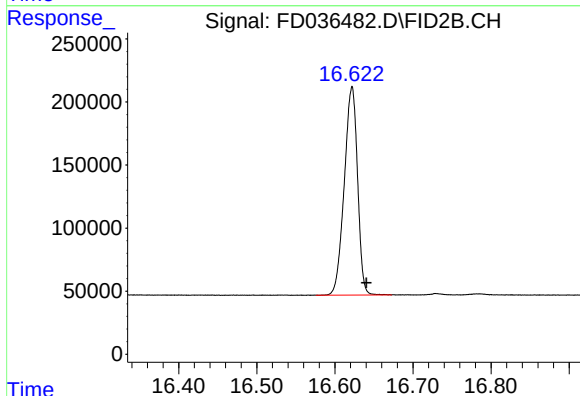
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.017 min
Response: 2059336
Conc: 17.49 ug/ml

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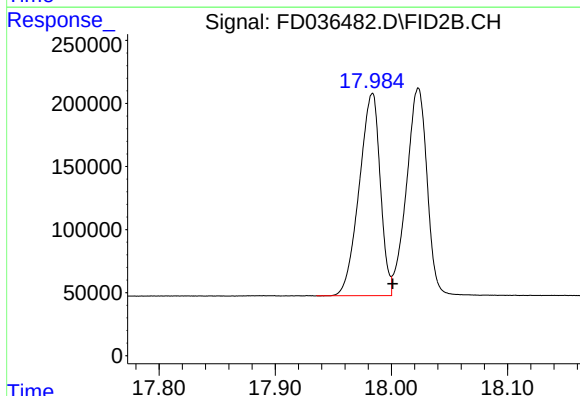
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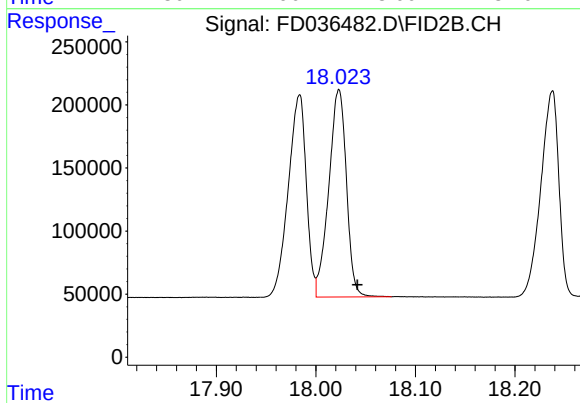
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: -0.018 min
Response: 1948368
Conc: 17.67 ug/ml



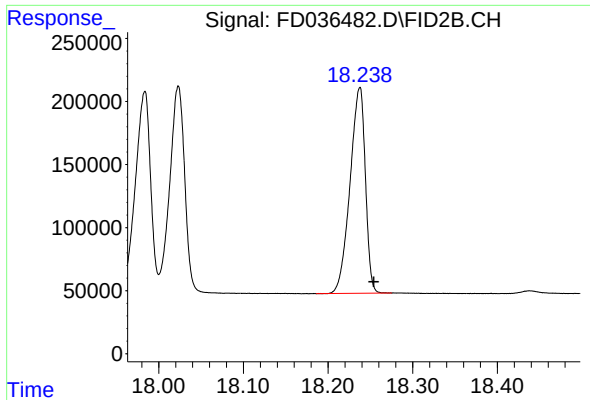
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: -0.018 min
Response: 2017101
Conc: 18.23 ug/ml



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

R.T.: 18.023 min
Delta R.T.: -0.019 min
Response: 2028420
Conc: 18.33 ug/ml



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

R.T.: 18.238 min
Delta R.T.: -0.017 min
Response: 2054645
Conc: 18.58 ug/ml

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