

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092320AR\
 Data File : FD034844.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2020 15:12
 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
 9/24/2020 8:54:50 AM

Integration File: autoint1.e
 Quant Time: Sep 24 01:10:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.681	2207881	21.526 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
6) S 2-Fluorobiphenyl (SURR)	8.547	1530956	21.278 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.56%
11) S ortho-Terphenyl (SURR)	11.588	2527515	21.098 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	2526431	22.315 ug/ml
2) T Naphthalene (C11.7)	6.018	2539990	21.761 ug/ml
3) T 2-Methylnaphthalene (...)	7.071	2561367	21.687 ug/ml
5) T Acenaphthylene (C15.06)	8.349	2455914	21.014 ug/ml
7) T Acenaphthene (C15.5)	8.645	2535412	21.310 ug/ml
8) T Fluorene (C16.55)	9.426	2436582	21.133 ug/ml
9) T Phenanthrene (C19.36)	10.824	2416727	20.727 ug/ml
10) T Anthracene (C19.43)	10.899	2080944	18.267 ug/ml
12) T Fluoranthene (C21.85)	12.638	2426580	20.809 ug/ml
13) T Pyrene (C20.8)	12.936	2355504	20.756 ug/ml
14) T Benzo[a]anthracene (C...	14.808	2279190	20.652 ug/ml
15) T Chrysene (C27.41)	14.850	2350570	21.044 ug/ml
16) T benzo[b]fluoranthene ...	16.358	2299184	21.465 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.391	2288347	21.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	2283674	21.686 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.103	2273065	22.438 ug/mlm
20) T Dibenz[a,h]anthracene...	18.142	2350407	23.133 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2306712	22.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

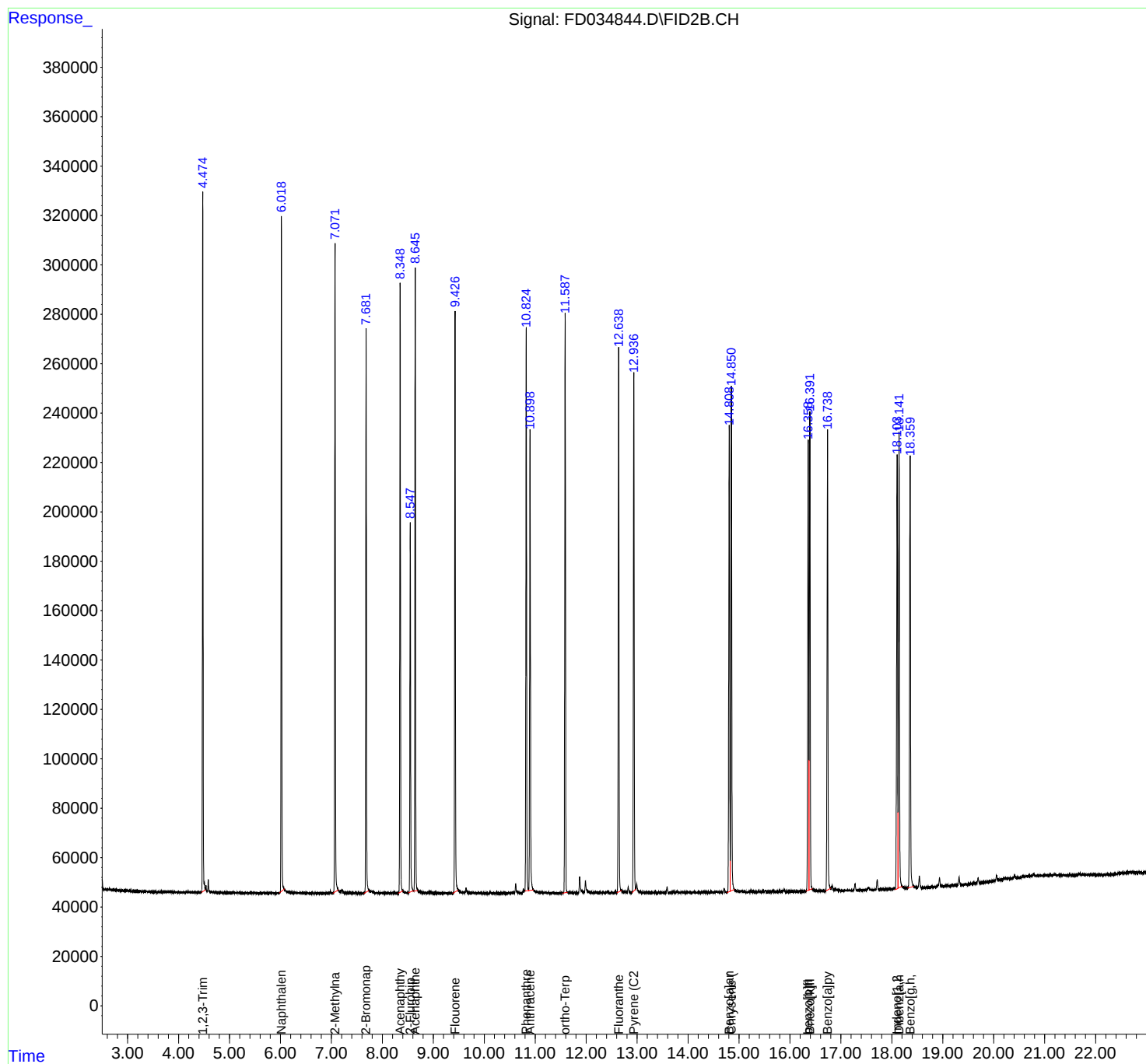
Instrument :
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20 PPM AROMATIC HC STD

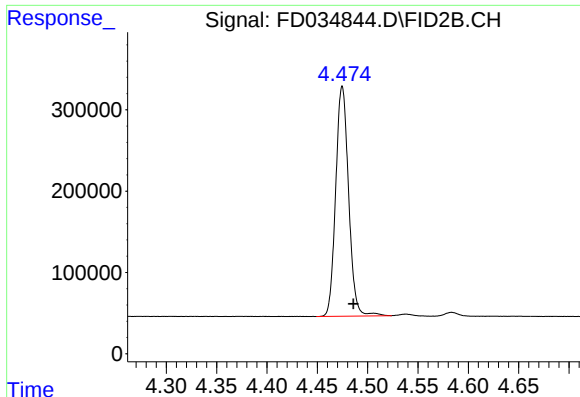
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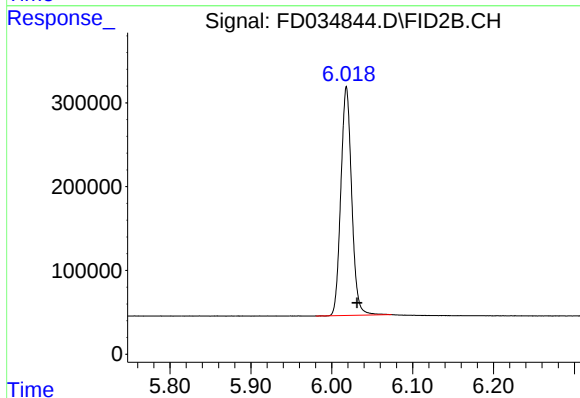
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min
Delta R.T.: -0.011 min
Response: 2526431
Conc: 22.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

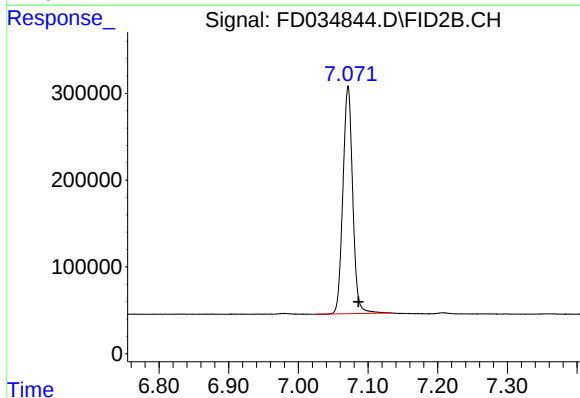
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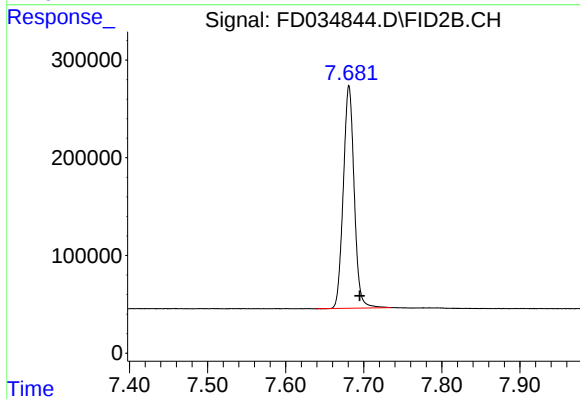
#2 Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.013 min
Response: 2539990
Conc: 21.76 ug/ml



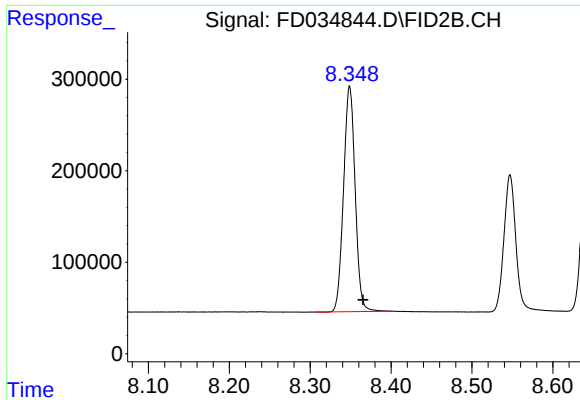
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.015 min
Response: 2561367
Conc: 21.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: -0.014 min
Response: 2207881
Conc: 21.53 ug/ml



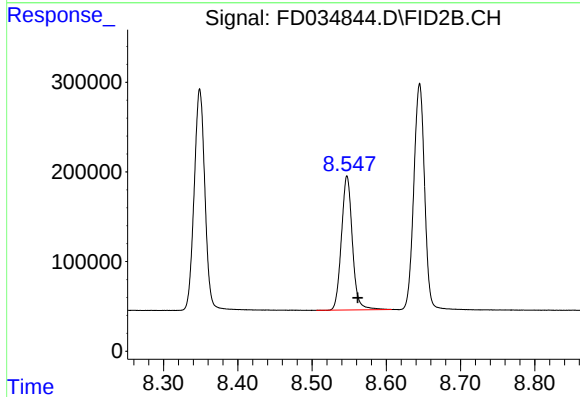
#5 Acenaphthylene (C15.06)

R.T.: 8.349 min
Delta R.T.: -0.016 min
Response: 2455914
Conc: 21.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

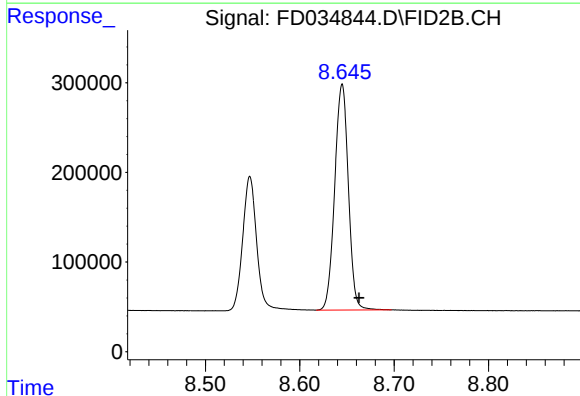
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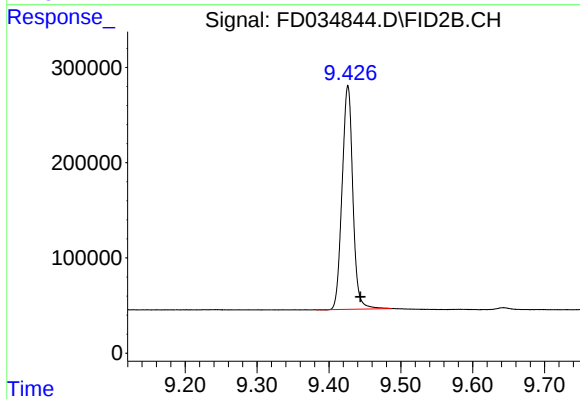
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.547 min
Delta R.T.: -0.015 min
Response: 1530956
Conc: 21.28 ug/ml



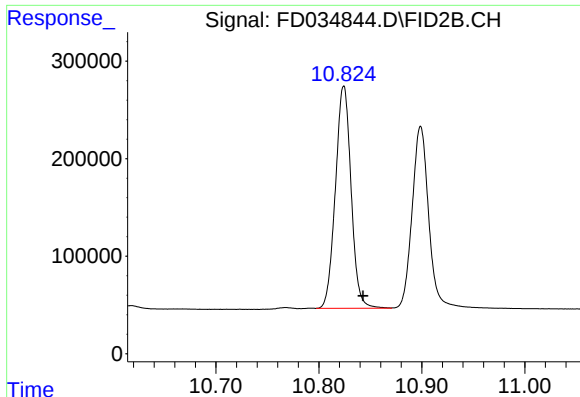
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.018 min
Response: 2535412
Conc: 21.31 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.426 min
Delta R.T.: -0.017 min
Response: 2436582
Conc: 21.13 ug/ml



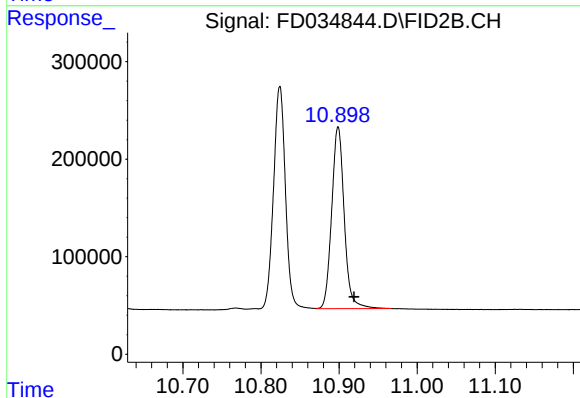
#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: -0.019 min
Response: 2416727
Conc: 20.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

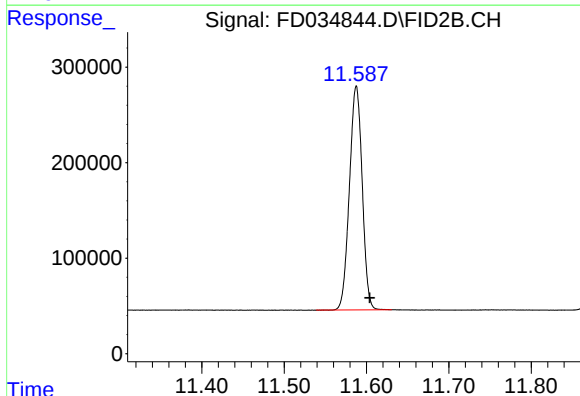
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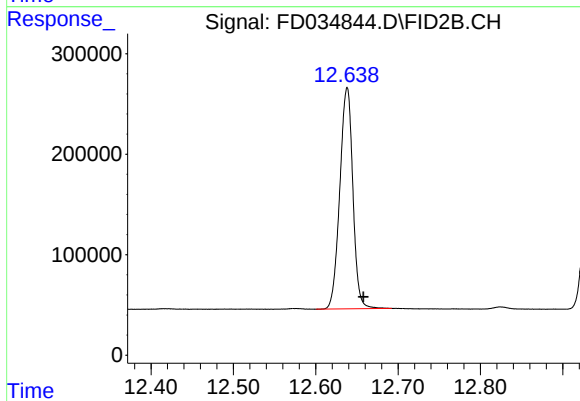
#10 Anthracene (C19.43)

R.T.: 10.899 min
Delta R.T.: -0.020 min
Response: 2080944
Conc: 18.27 ug/ml



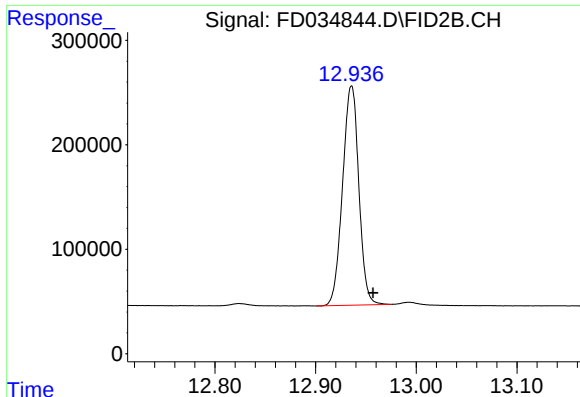
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.016 min
Response: 2527515
Conc: 21.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: -0.020 min
Response: 2426580
Conc: 20.81 ug/ml



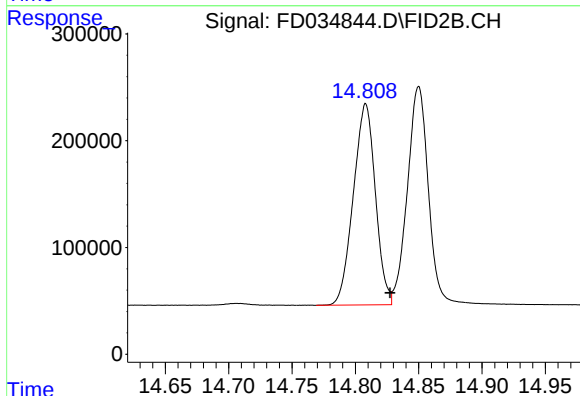
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.021 min
Response: 2355504
Conc: 20.76 ug/ml

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20 PPM AROMATIC HC STD

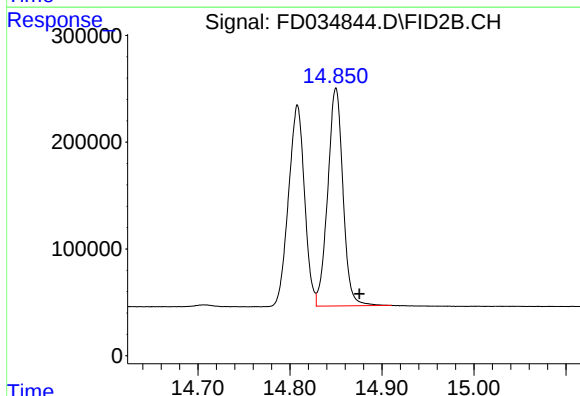
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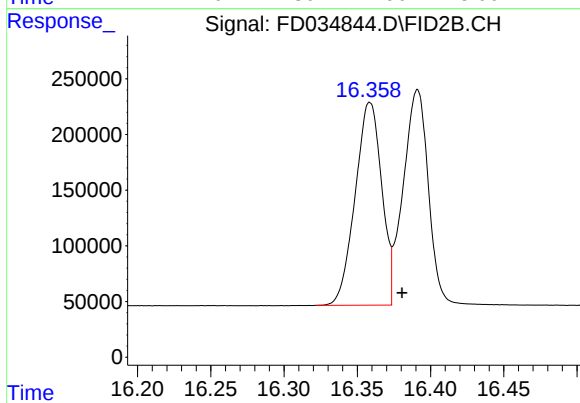
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: -0.019 min
Response: 2279190
Conc: 20.65 ug/ml



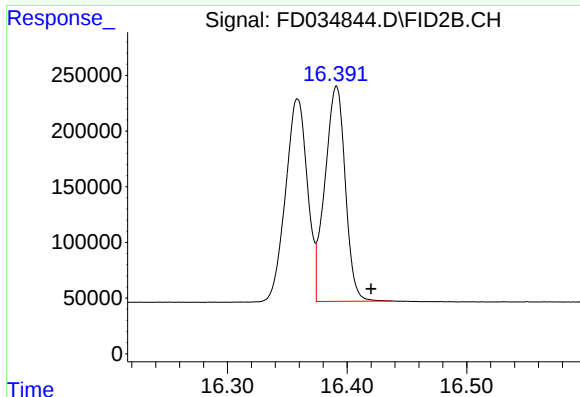
#15 Chrysene (C27.41)

R.T.: 14.850 min
Delta R.T.: -0.026 min
Response: 2350570
Conc: 21.04 ug/ml



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

R.T.: 16.358 min
Delta R.T.: -0.023 min
Response: 2299184
Conc: 21.47 ug/ml m



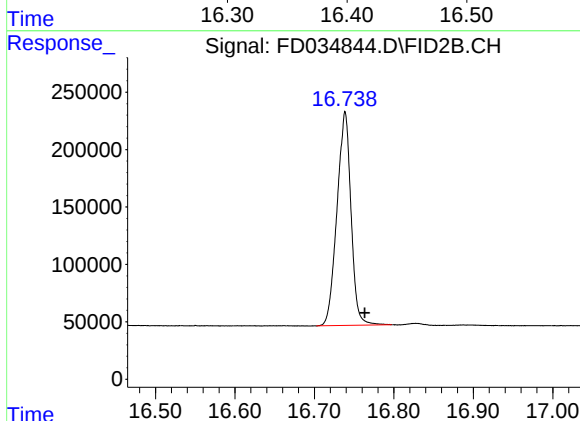
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.391 min
Delta R.T.: -0.029 min
Response: 2288347
Conc: 21.58 ug/ml

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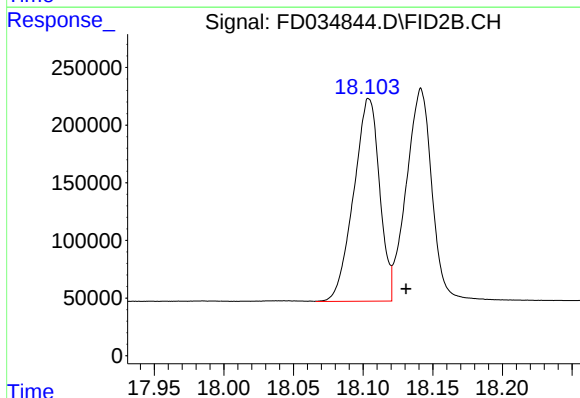
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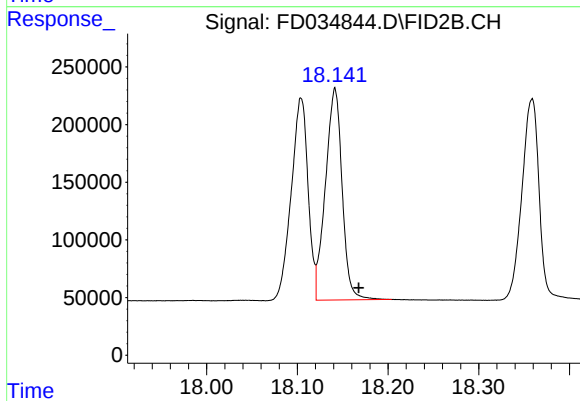
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 2283674
Conc: 21.69 ug/ml



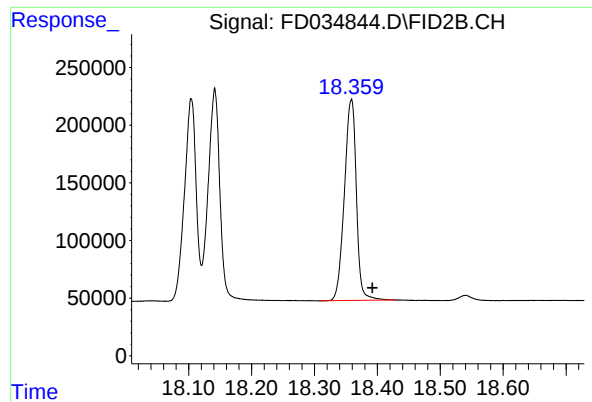
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.103 min
Delta R.T.: -0.028 min
Response: 2273065
Conc: 22.44 ug/ml m



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

R.T.: 18.142 min
Delta R.T.: -0.026 min
Response: 2350407
Conc: 23.13 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2306712
Conc: 22.84 ug/ml

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