

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035268.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 12:50
 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
 11/4/2020 3:49:52 PM

Integration File: autoint1.e
 Quant Time: Nov 03 13:38:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.640	2322838	20.027 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
6) S 2-Fluorobiphenyl (SURR)	8.504	1611201	20.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.05%
11) S ortho-Terphenyl (SURR)	11.543	2750923	19.795 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2591765	20.093 ug/ml
2) T Naphthalene (C11.7)	5.978	2715007	20.051 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	2732700	20.048 ug/ml
5) T Acenaphthylene (C15.06)	8.305	2670576	19.810 ug/ml
7) T Acenaphthene (C15.5)	8.601	2763626	19.907 ug/ml
8) T Flouorene (C16.55)	9.382	2669070	20.129 ug/ml
9) T Phenanthrene (C19.36)	10.779	2653008	20.070 ug/ml
10) T Anthracene (C19.43)	10.854	2698423	19.958 ug/ml
12) T Fluoranthene (C21.85)	12.590	2688176	20.010 ug/ml
13) T Pyrene (C20.8)	12.887	2723333	20.478 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2388310	20.070 ug/ml
15) T Chrysene (C27.41)	14.802	2641801	19.947 ug/ml
16) T benzo[b]fluoranthene ...	16.310	2344717	19.841 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.341	2358879	19.382 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.689	2210951	20.216 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	2062678	20.182 ug/ml
20) T Dibenz[a,h]anthracene...	18.090	2336544	20.428 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	2177999	20.343 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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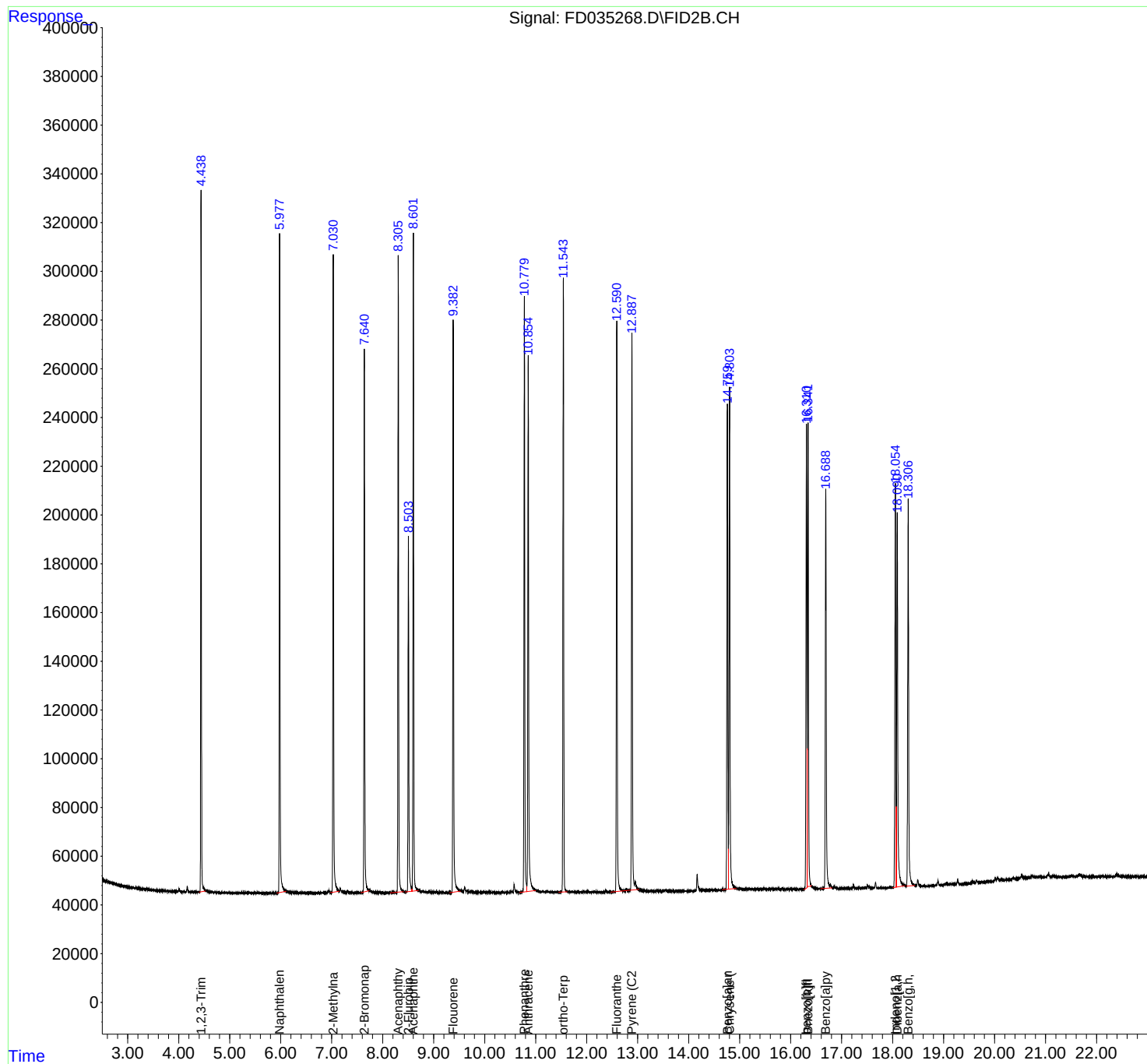
Instrument :
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20 PPM AROMATIC HC STD

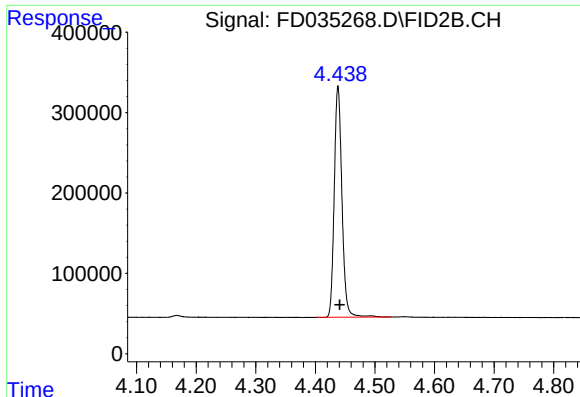
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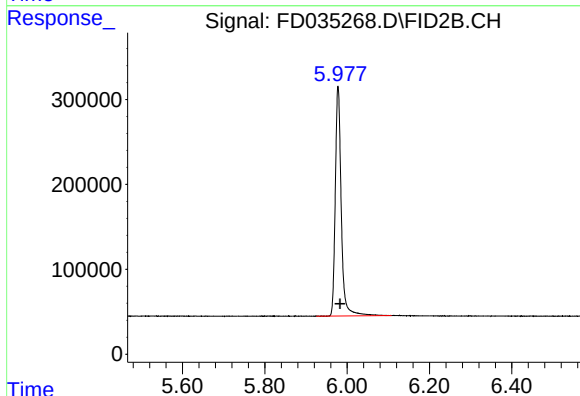
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 2591765
Conc: 20.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

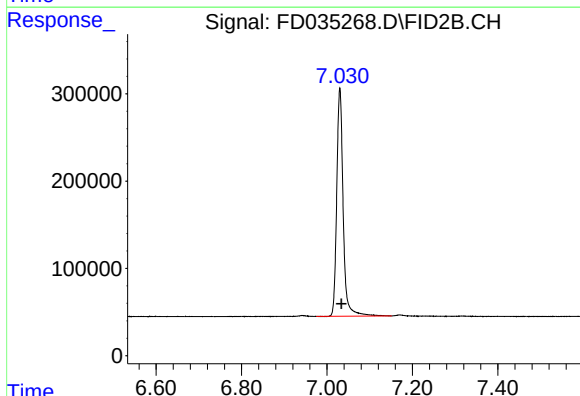
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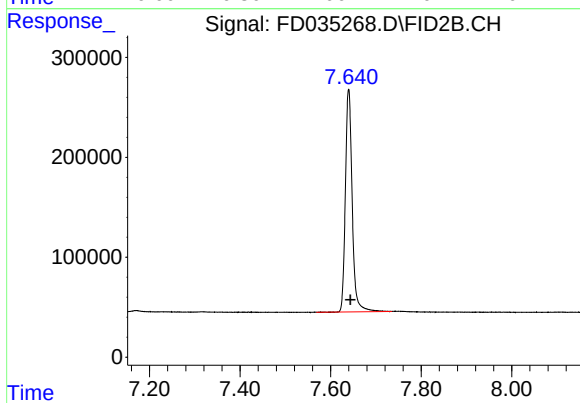
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 2715007
Conc: 20.05 ug/ml



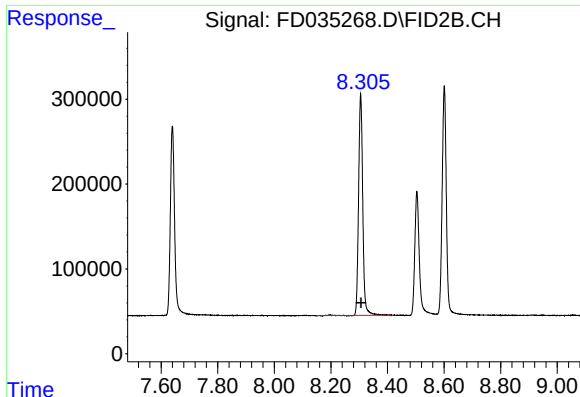
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.003 min
Response: 2732700
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 2322838
Conc: 20.03 ug/ml



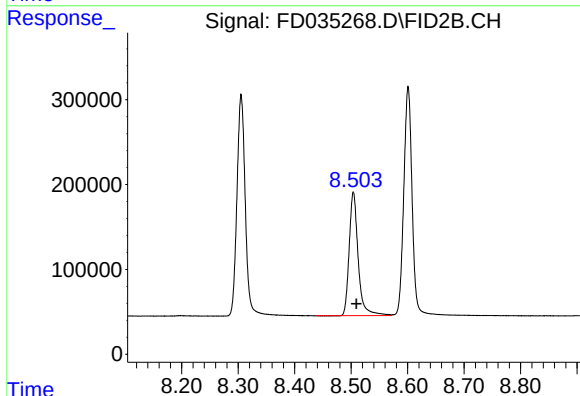
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: -0.002 min
Response: 2670576
Conc: 19.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

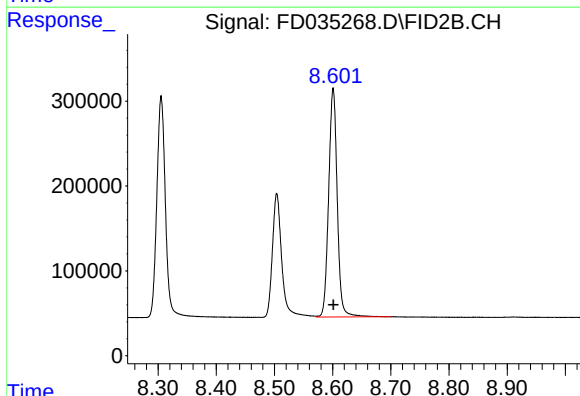
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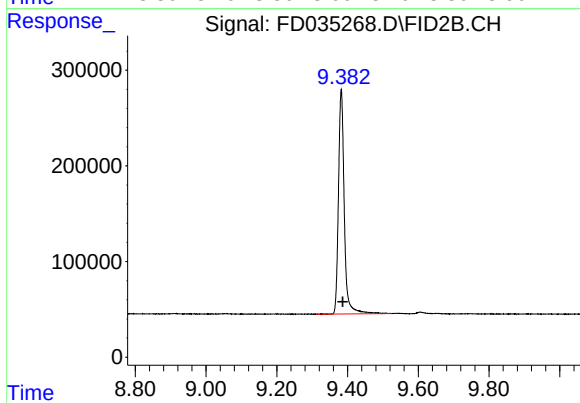
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.005 min
Response: 1611201
Conc: 20.02 ug/ml



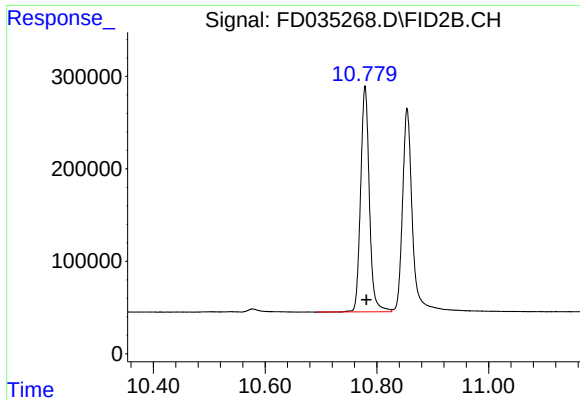
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2763626
Conc: 19.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.382 min
Delta R.T.: -0.004 min
Response: 2669070
Conc: 20.13 ug/ml



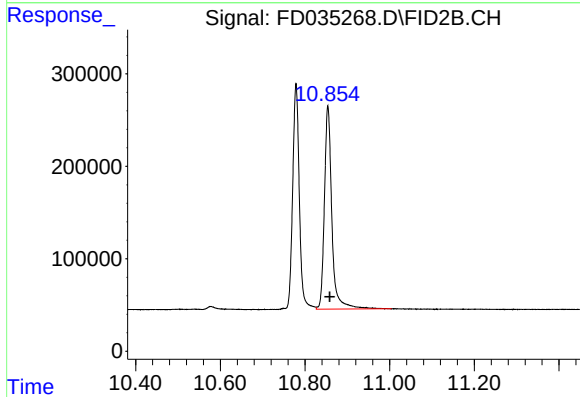
#9 Phenanthrene (C19.36)

R.T.: 10.779 min
Delta R.T.: -0.003 min
Response: 2653008
Conc: 20.07 ug/ml

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20 PPM AROMATIC HC STD

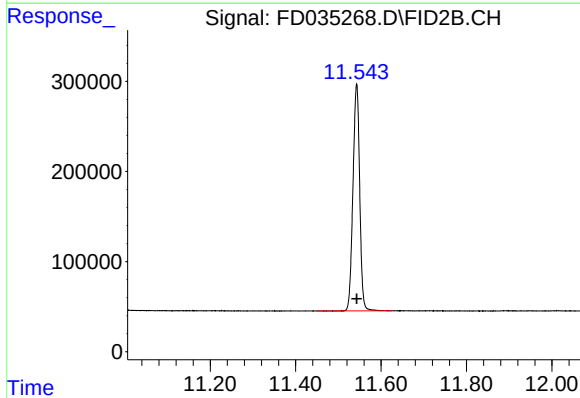
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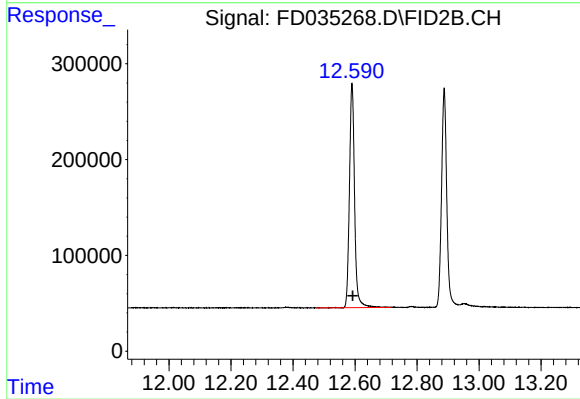
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.004 min
Response: 2698423
Conc: 19.96 ug/ml



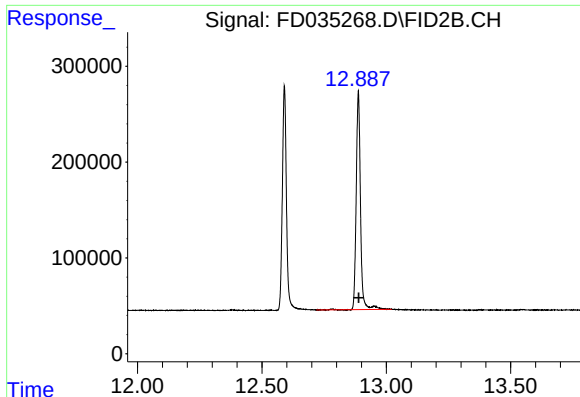
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2750923
Conc: 19.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.590 min
Delta R.T.: -0.002 min
Response: 2688176
Conc: 20.01 ug/ml



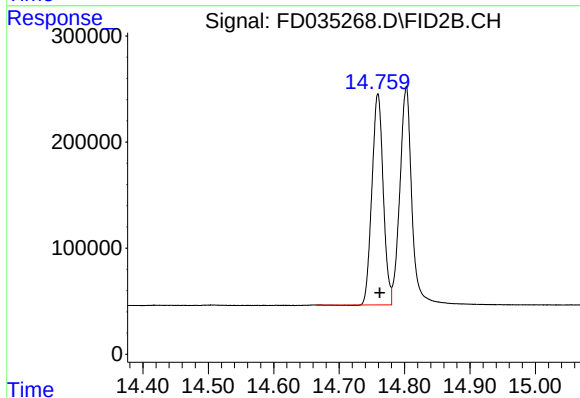
#13 Pyrene (C20.8)

R.T.: 12.887 min
Delta R.T.: -0.002 min
Response: 272333
Conc: 20.48 ug/ml

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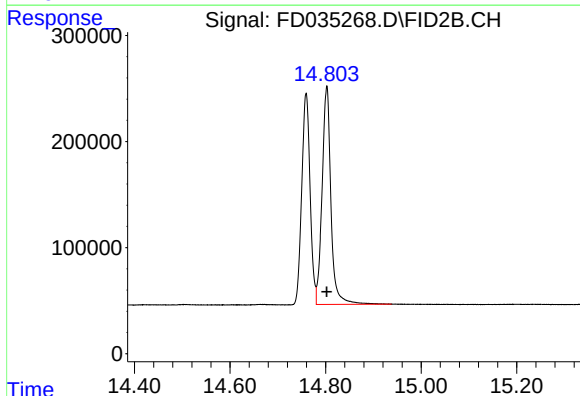
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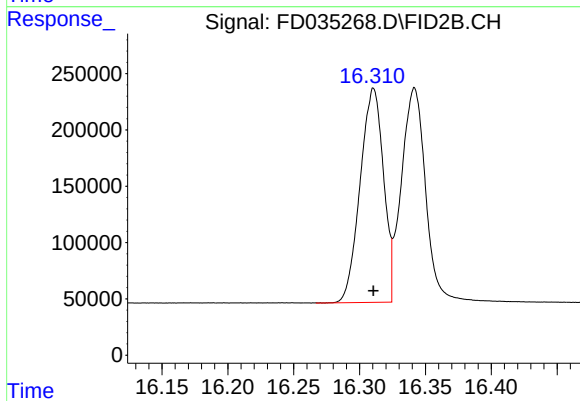
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.003 min
Response: 2388310
Conc: 20.07 ug/ml



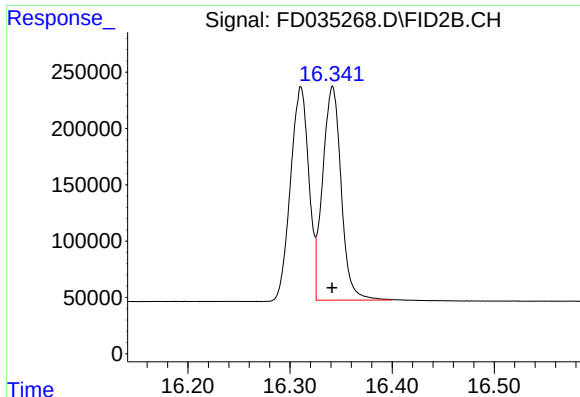
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 2641801
Conc: 19.95 ug/ml



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

R.T.: 16.310 min
Delta R.T.: 0.000 min
Response: 2344717
Conc: 19.84 ug/ml m



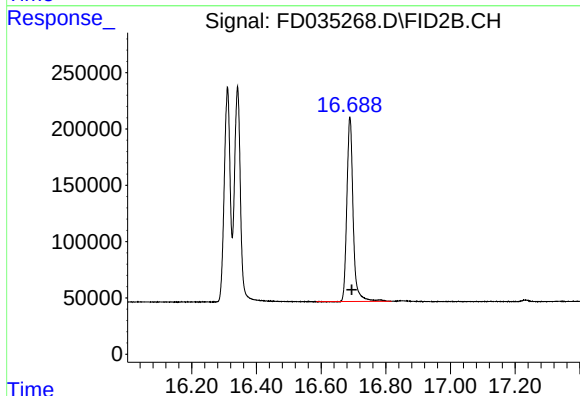
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.341 min
Delta R.T.: 0.000 min
Response: 2358879
Conc: 19.38 ug/ml m

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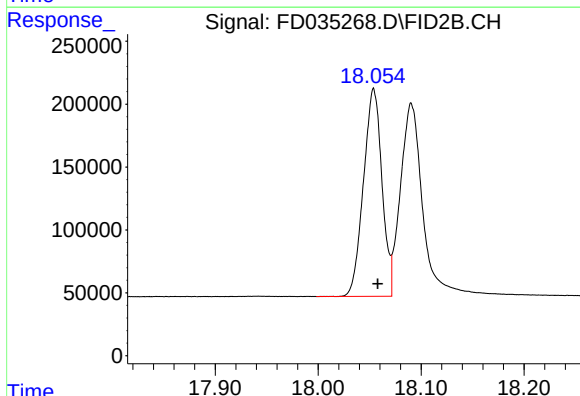
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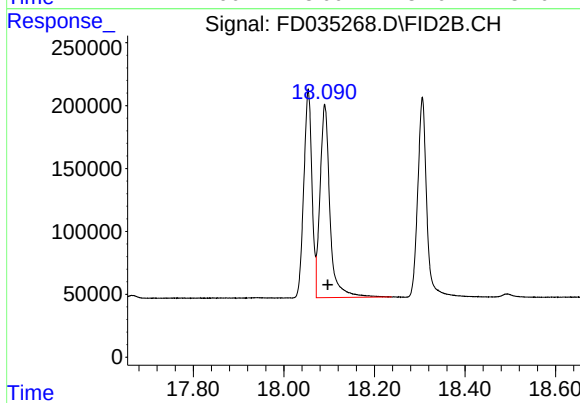
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.689 min
Delta R.T.: -0.006 min
Response: 2210951
Conc: 20.22 ug/ml



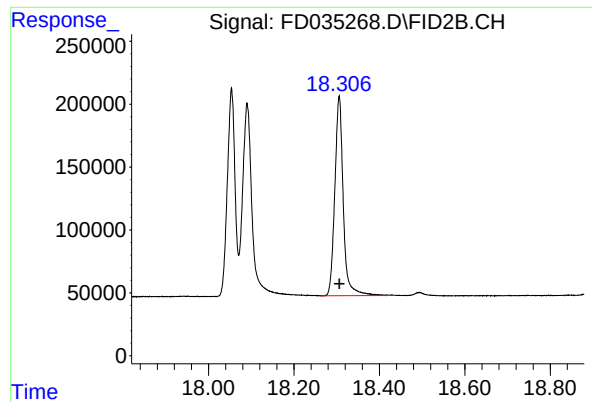
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: -0.004 min
Response: 2062678
Conc: 20.18 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.006 min
Response: 2336544
Conc: 20.43 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.001 min
Response: 2177999
Conc: 20.34 ug/ml

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