

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041825.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2022 1:34
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 02:24:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.346	3843680	23.965 ug/ml
Spiked Amount 50.000		Recovery =	47.93%
6) S 2-Fluorobiphenyl (SURR)	8.196	2357563	23.858 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.72%
11) S ortho-Terphenyl (SURR)	11.226	4541843	23.364 ug/ml
Spiked Amount 50.000		Recovery =	46.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.164	4256958	24.304 ug/ml
2) T Naphthalene (C11.7)	5.687	4287576	24.301 ug/ml
3) T 2-Methylnaphthalene (...)	6.733	3784900	23.657 ug/ml
5) T Acenaphthylene (C15.06)	7.997	4335082	23.426 ug/ml
7) T Acenaphthene (C15.5)	8.290	4593271	23.927 ug/ml
8) T Flouorene (C16.55)	9.068	4175825	23.670 ug/ml
9) T Phenanthrene (C19.36)	10.456	4027908	23.092 ug/ml
10) T Anthracene (C19.43)	10.530	3492620	19.189 ug/mlm
12) T Fluoranthene (C21.85)	12.258	3878091	21.967 ug/ml
13) T Pyrene (C20.8)	12.550	3680162	21.767 ug/ml
14) T Benzo[a]anthracene (C...	14.422	3108266	20.787 ug/ml
15) T Chrysene (C27.41)	14.463	3730346	20.725 ug/ml
16) T benzo[b]fluoranthene ...	15.968	3180463	21.447 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.000	3365847	20.369 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.344	3143394	22.348 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.710	2772337	25.171 ug/mlm
20) T Dibenz[a,h]anthracene...	17.750	3485249	24.074 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.962	3298433	24.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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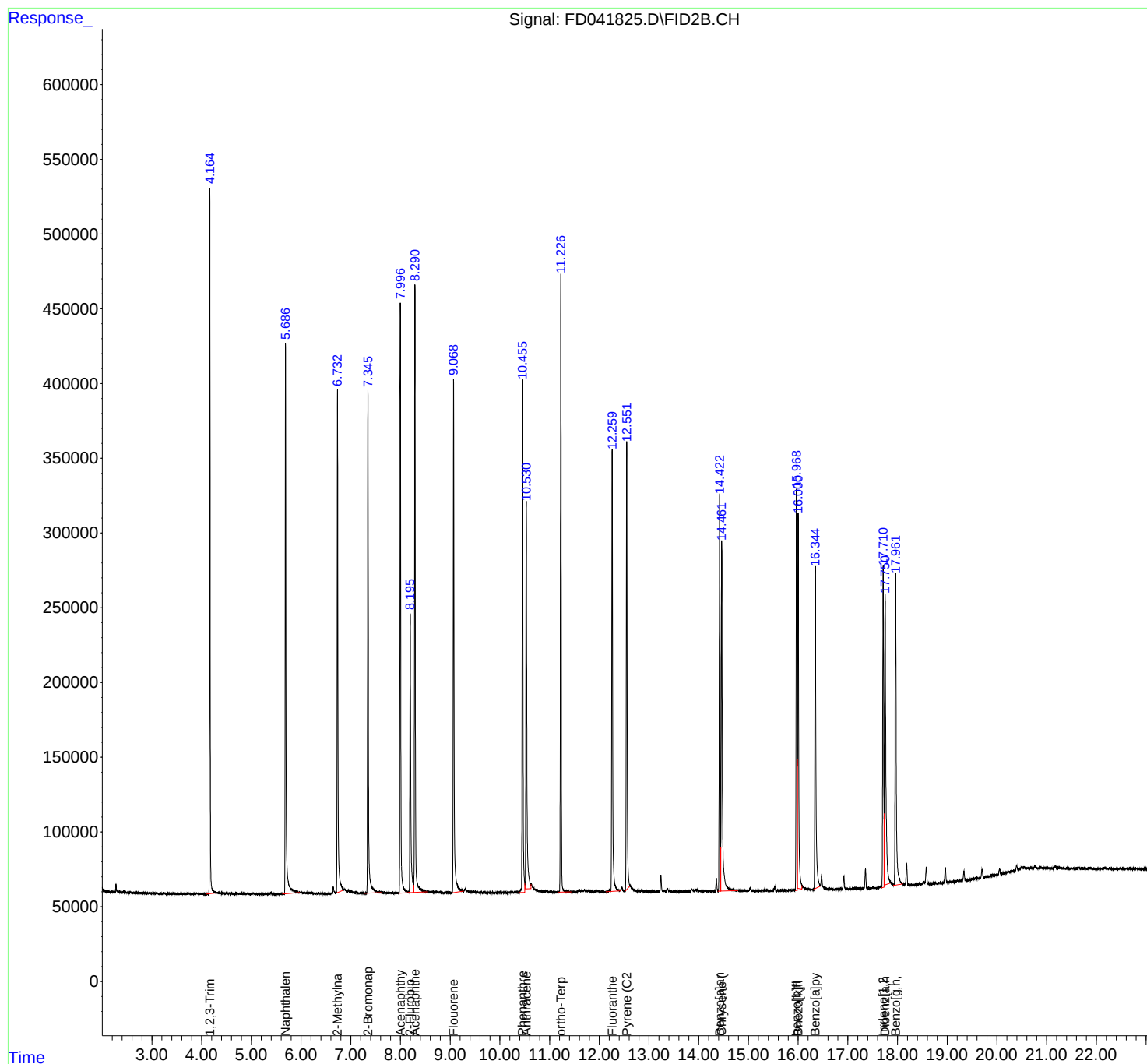
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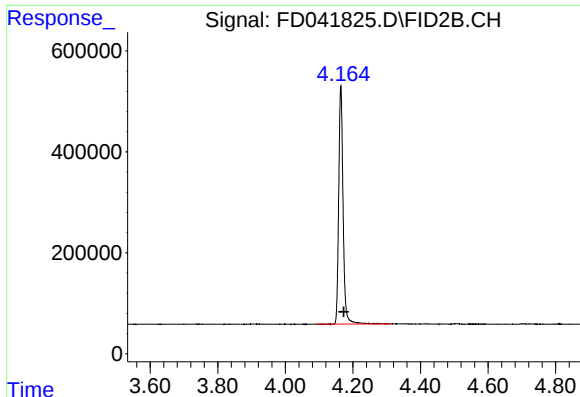
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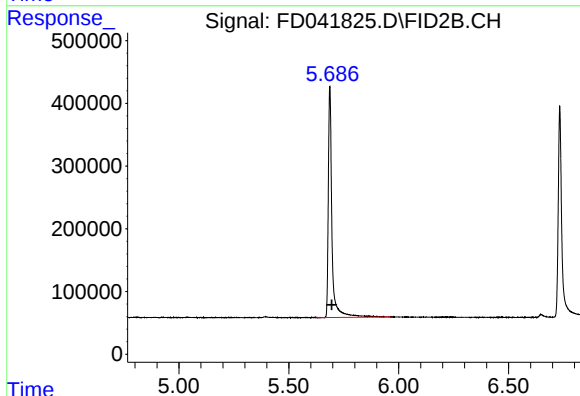
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.164 min
Delta R.T.: -0.009 min
Response: 4256958
Conc: 24.30 ug/ml

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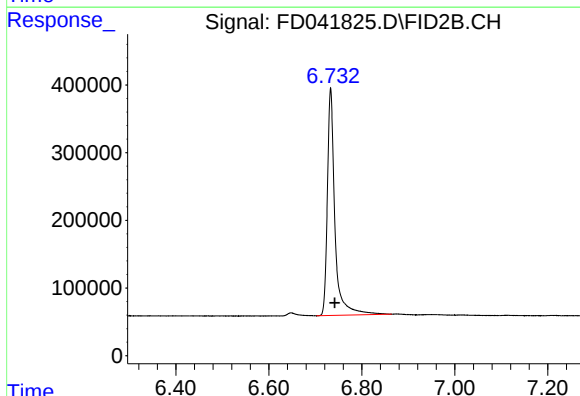
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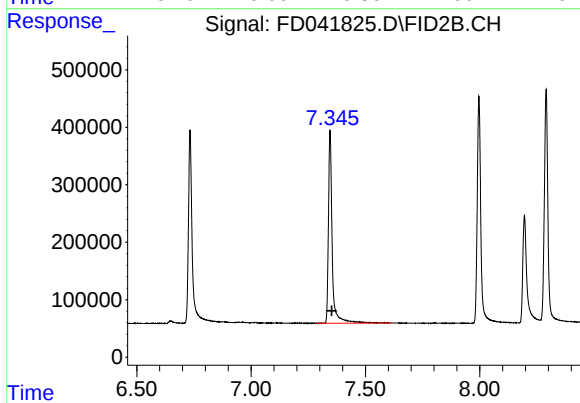
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.009 min
Response: 4287576
Conc: 24.30 ug/ml



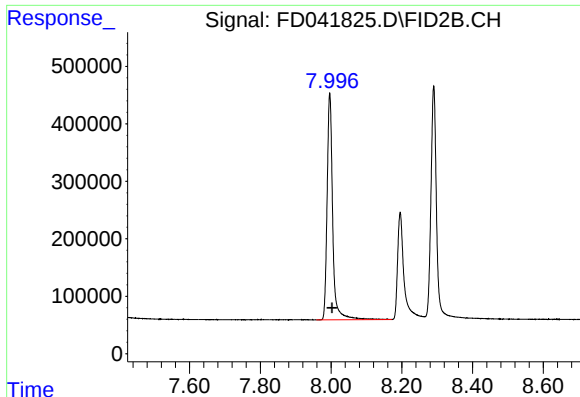
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.733 min
Delta R.T.: -0.009 min
Response: 3784900
Conc: 23.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.007 min
Response: 3843680
Conc: 23.96 ug/ml



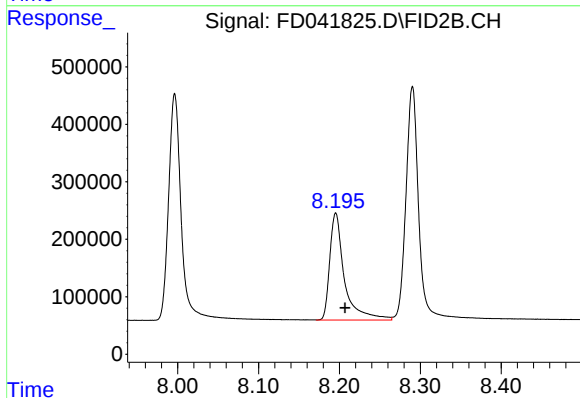
#5 Acenaphthylene (C15.06)

R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 4335082
Conc: 23.43 ug/ml

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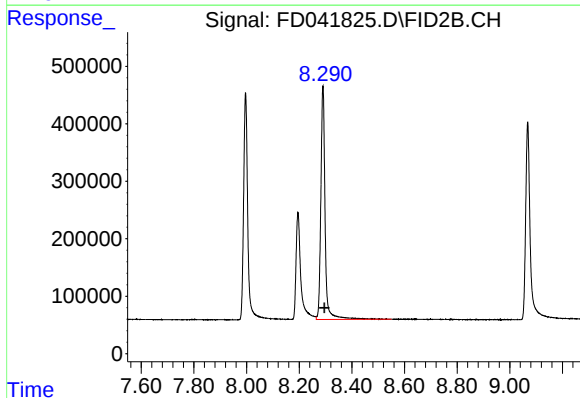
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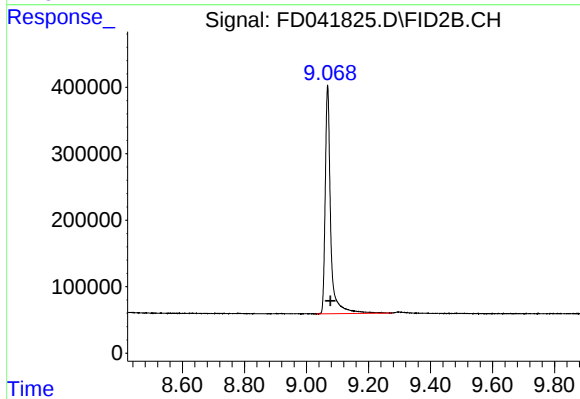
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 2357563
Conc: 23.86 ug/ml



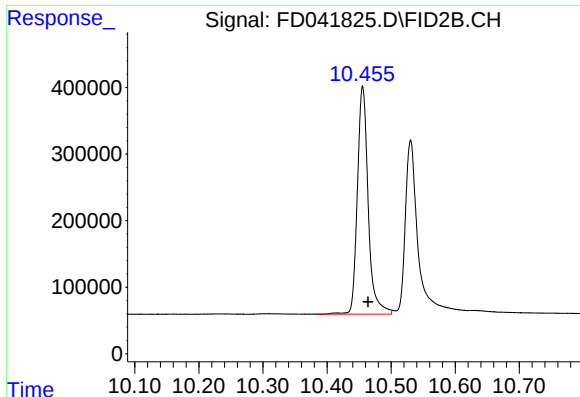
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.005 min
Response: 4593271
Conc: 23.93 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.068 min
Delta R.T.: -0.009 min
Response: 4175825
Conc: 23.67 ug/ml



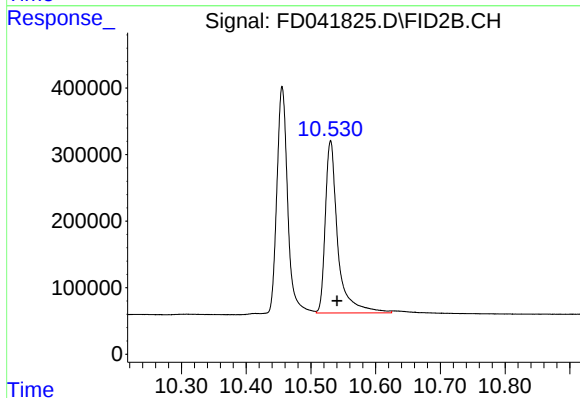
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: -0.008 min
Response: 4027908
Conc: 23.09 ug/ml

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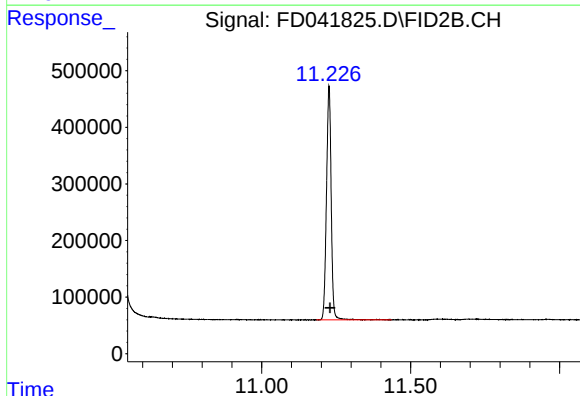
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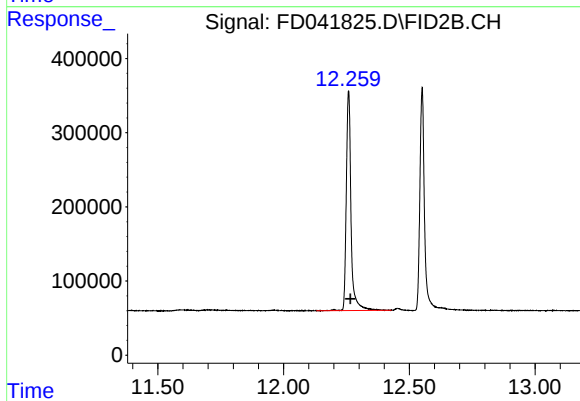
#10 Anthracene (C19.43)

R.T.: 10.530 min
Delta R.T.: -0.010 min
Response: 3492620
Conc: 19.19 ug/ml m



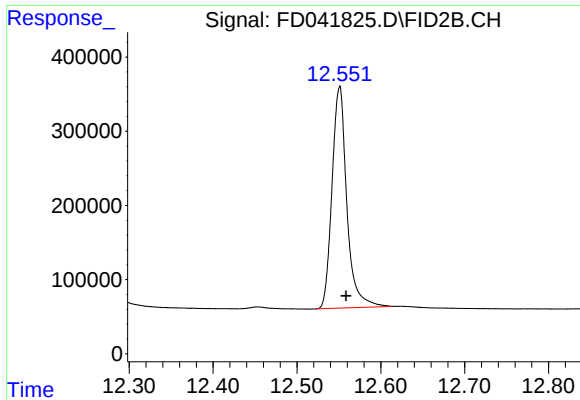
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 4541843
Conc: 23.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.008 min
Response: 3878091
Conc: 21.97 ug/ml



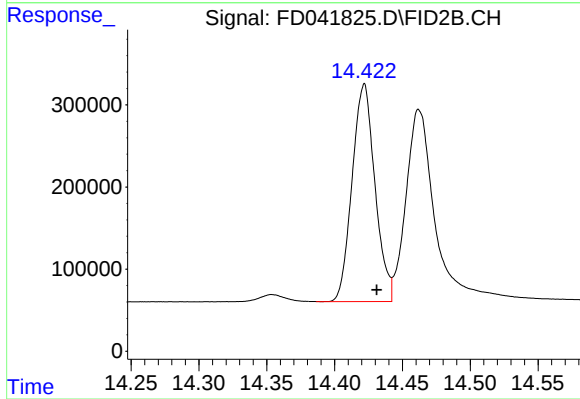
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: -0.008 min
Response: 3680162
Conc: 21.77 ug/ml

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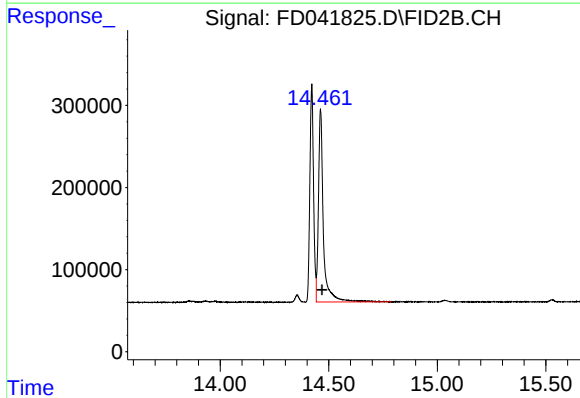
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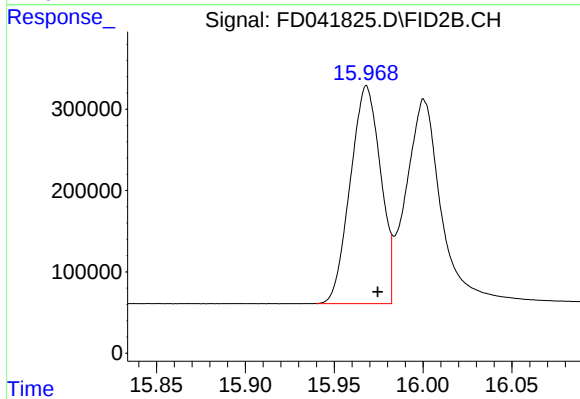
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 3108266
Conc: 20.79 ug/ml



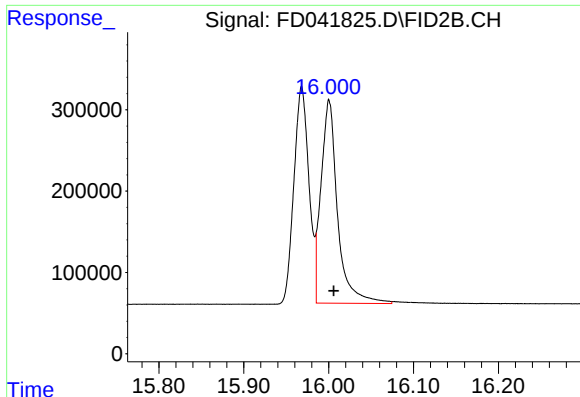
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.007 min
Response: 3730346
Conc: 20.72 ug/ml



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

R.T.: 15.968 min
Delta R.T.: -0.007 min
Response: 3180463
Conc: 21.45 ug/ml m



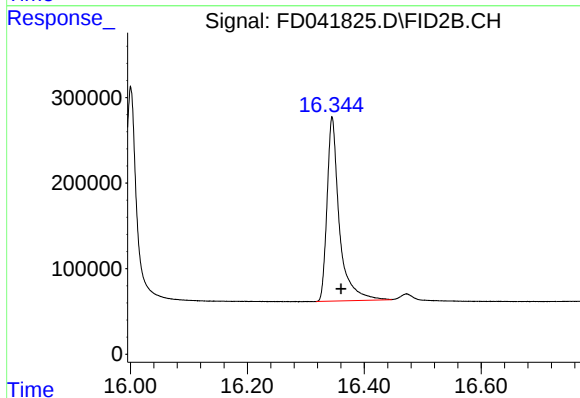
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.000 min
Delta R.T.: -0.006 min
Response: 3365847
Conc: 20.37 ug/ml

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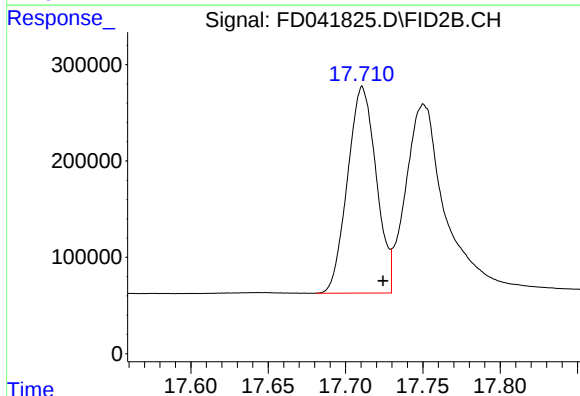
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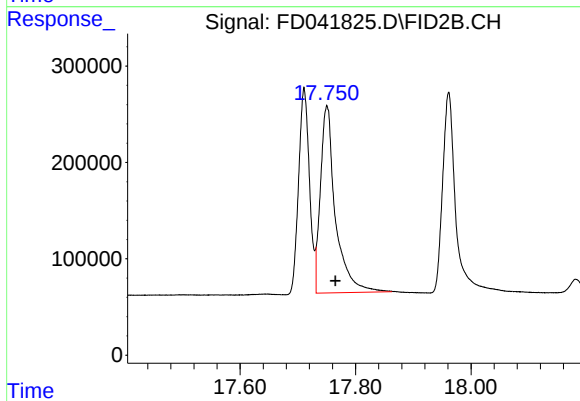
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.016 min
Response: 3143394
Conc: 22.35 ug/ml m



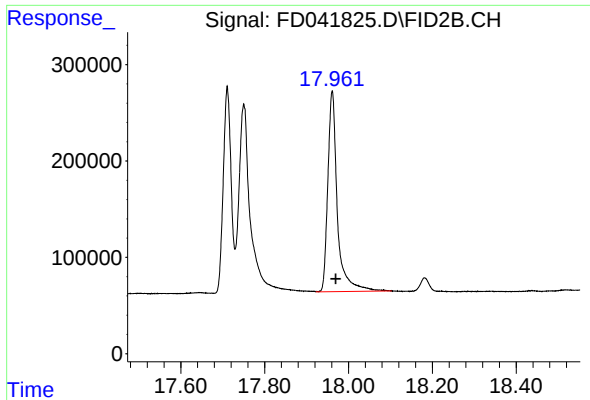
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.710 min
Delta R.T.: -0.014 min
Response: 2772337
Conc: 25.17 ug/ml m



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

R.T.: 17.750 min
Delta R.T.: -0.015 min
Response: 3485249
Conc: 24.07 ug/ml m



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

R.T.: 17.962 min
Delta R.T.: -0.008 min
Response: 3298433
Conc: 24.85 ug/ml

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