

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042033.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 9:39
 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 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 22 23:59:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.336	2804016	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
6) S 2-Fluorobiphenyl (SURR)	8.189	1400217	19.652 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.30%
11) S ortho-Terphenyl (SURR)	11.206	3387288	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	3082618	19.801 ug/ml
2) T Naphthalene (C11.7)	5.680	3111986	19.727 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	2926912	20.241 ug/ml
5) T Acenaphthylene (C15.06)	7.983	3210953	19.484 ug/ml
7) T Acenaphthene (C15.5)	8.275	3689926	19.654 ug/ml
8) T Flouorene (C16.55)	9.057	2957289	19.416 ug/ml
9) T Phenanthrene (C19.36)	10.440	2946420	19.843 ug/ml
10) T Anthracene (C19.43)	10.519	3327158	19.874 ug/ml
12) T Fluoranthene (C21.85)	12.242	3094313	19.727 ug/ml
13) T Pyrene (C20.8)	12.533	3246389	19.904 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2416700	20.203 ug/ml
15) T Chrysene (C27.41)	14.443	3592369	19.581 ug/ml
16) T benzo[b]fluoranthene ...	15.946	2643588	20.134 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.978	3358854	19.428 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.331	2931820	19.871 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.691	1901763	19.053 ug/mlm
20) T Dibenz[a,h]anthracene...	17.734	3190191	20.325 ug/ml
21) T Benzo[g,h,i]perylene ...	17.940	2836655	20.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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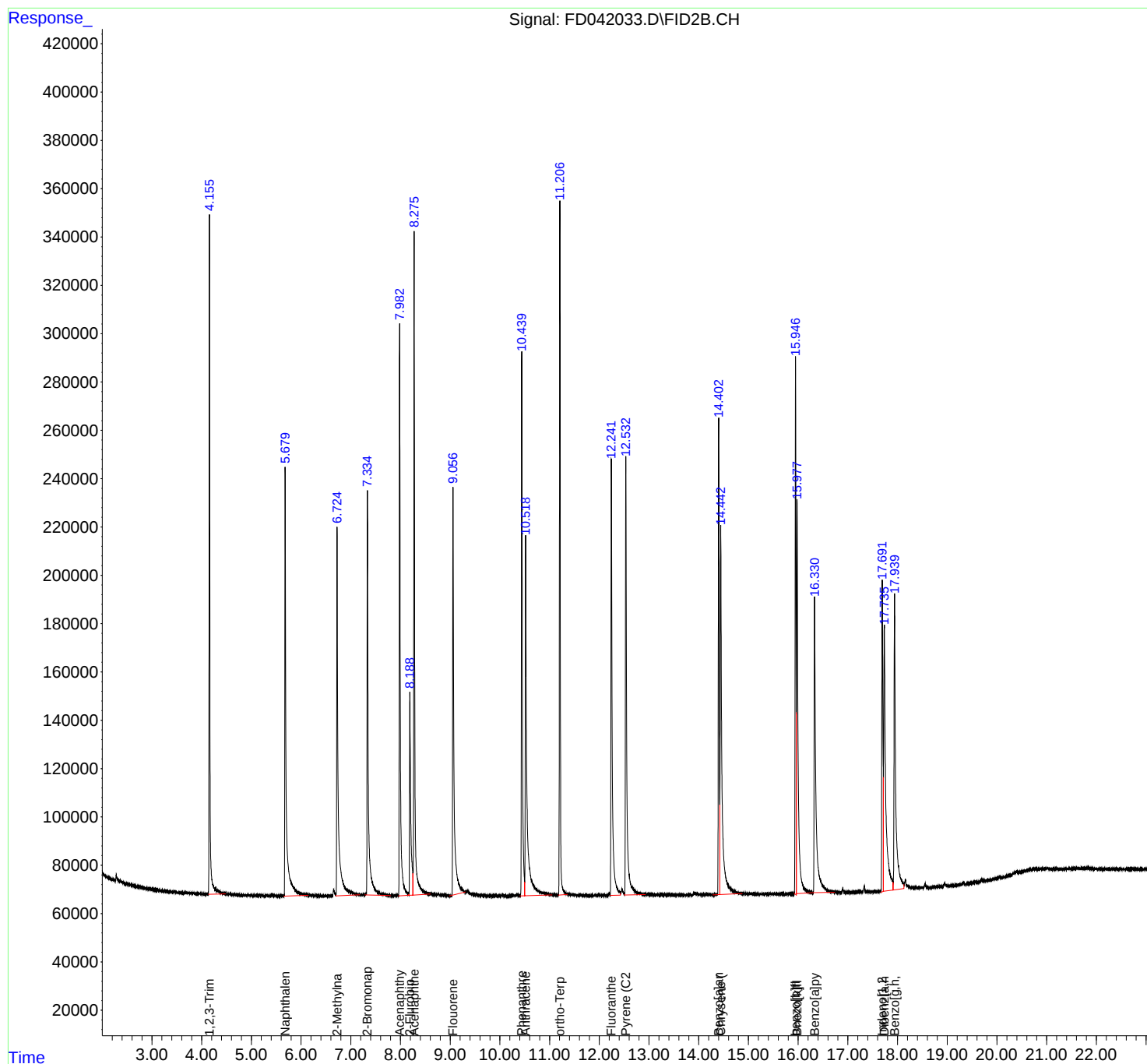
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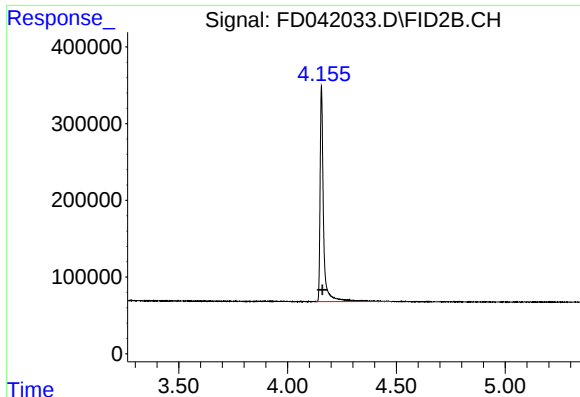
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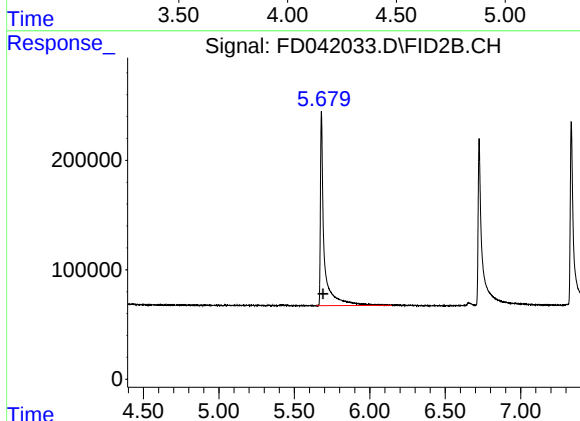
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 3082618
Conc: 19.80 ug/ml

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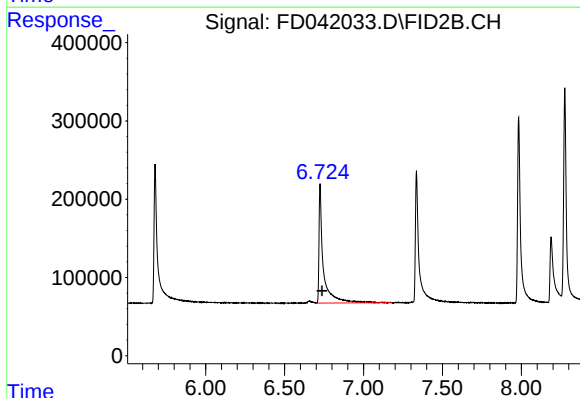
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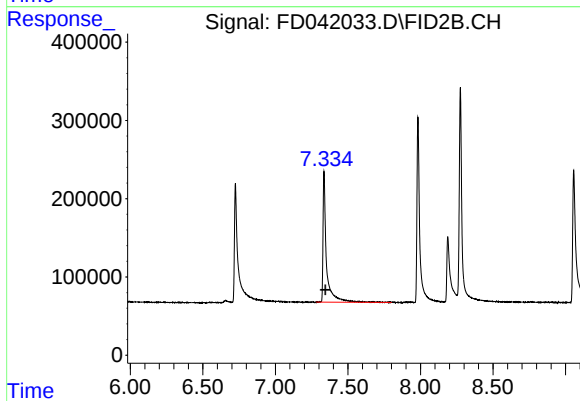
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.011 min
Response: 3111986
Conc: 19.73 ug/ml



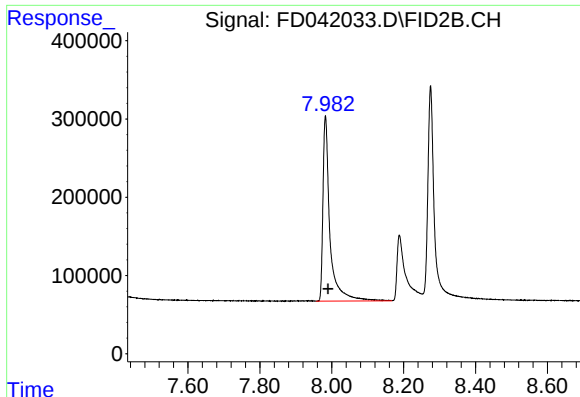
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.013 min
Response: 2926912
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 2804016
Conc: 20.00 ug/ml



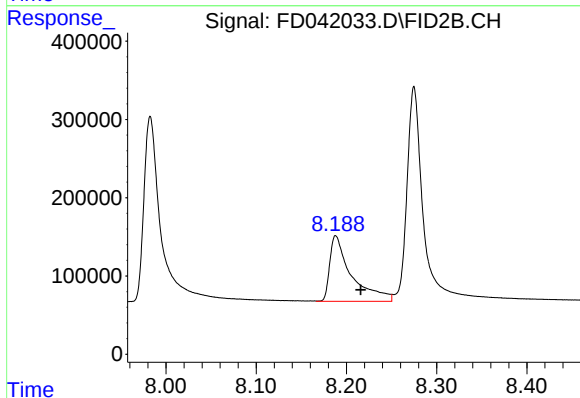
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.006 min
Response: 3210953
Conc: 19.48 ug/ml

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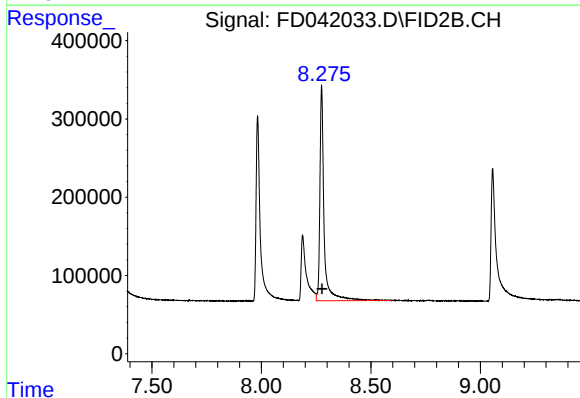
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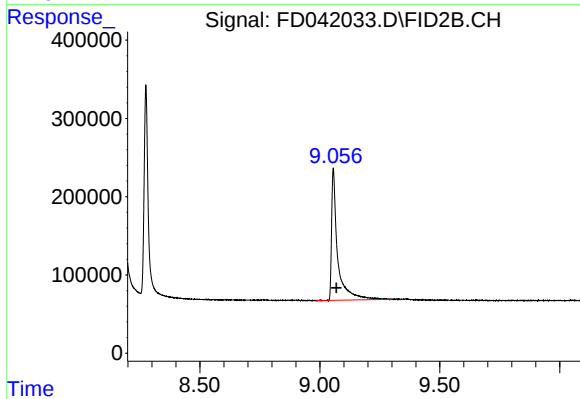
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.027 min
Response: 1400217
Conc: 19.65 ug/ml



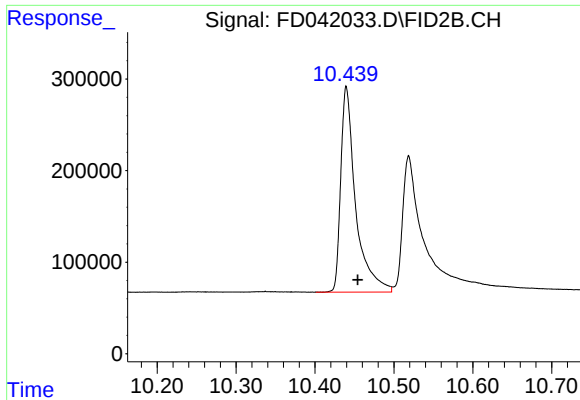
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 3689926
Conc: 19.65 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 2957289
Conc: 19.42 ug/ml



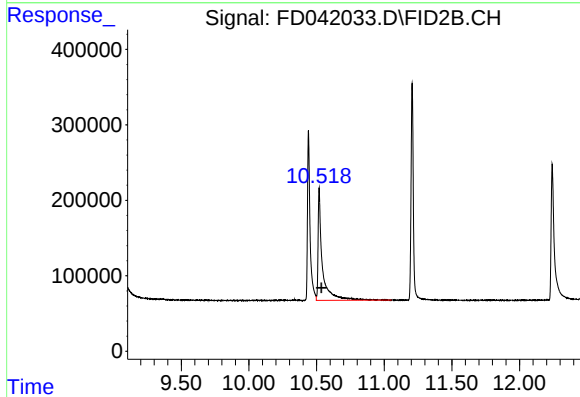
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.014 min
Response: 2946420
Conc: 19.84 ug/ml

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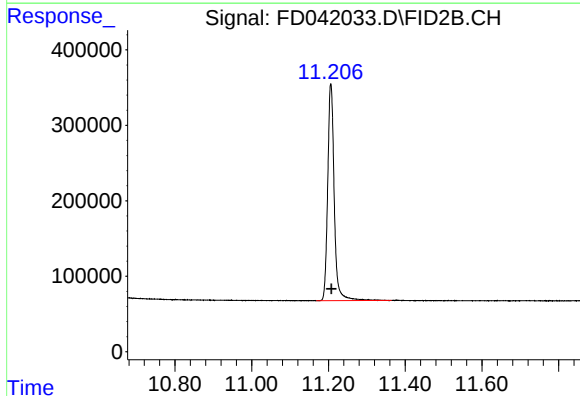
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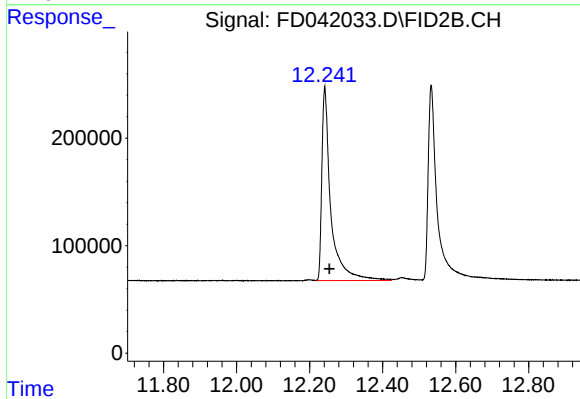
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.018 min
Response: 3327158
Conc: 19.87 ug/ml



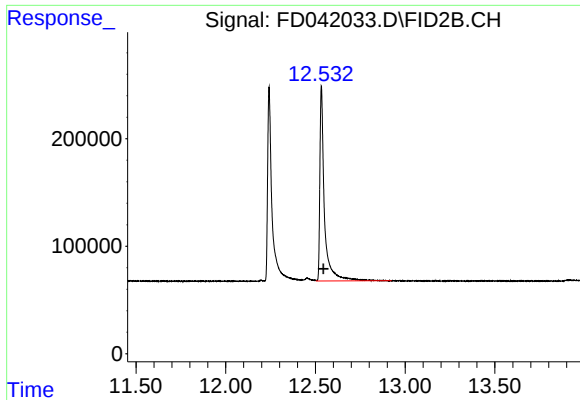
#11 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 3387288
Conc: 19.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.013 min
Response: 3094313
Conc: 19.73 ug/ml



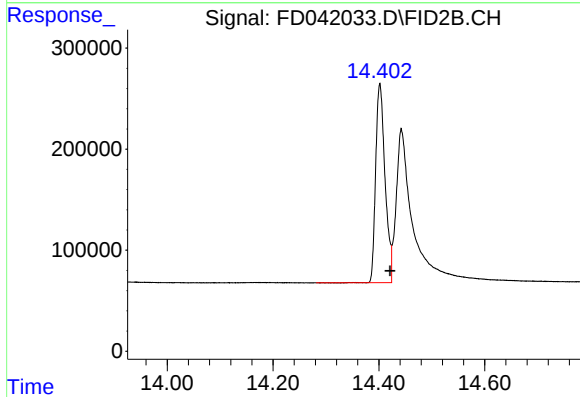
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: -0.011 min
Response: 3246389
Conc: 19.90 ug/ml

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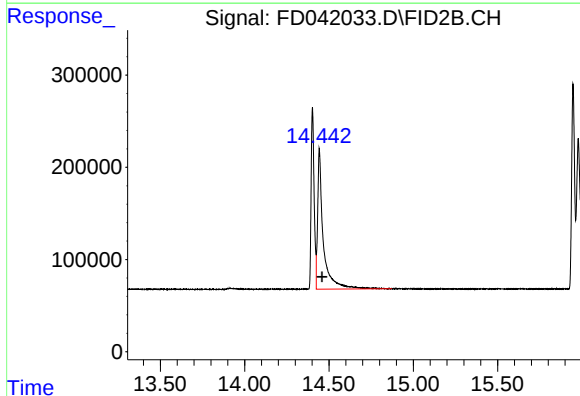
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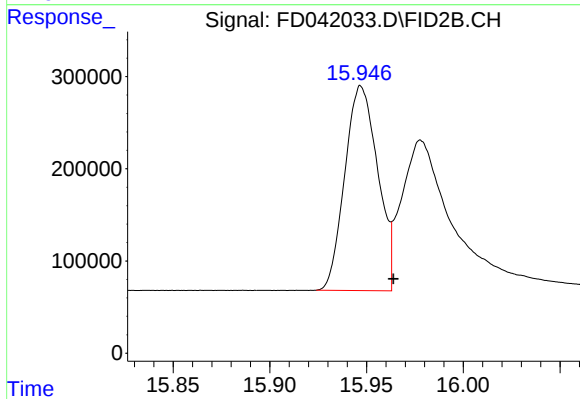
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 2416700
Conc: 20.20 ug/ml



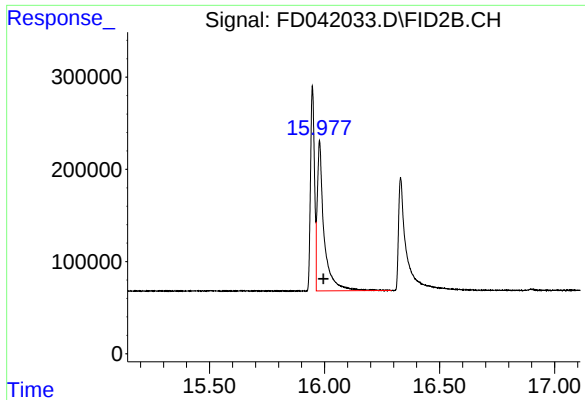
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.017 min
Response: 3592369
Conc: 19.58 ug/ml



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

R.T.: 15.946 min
Delta R.T.: -0.018 min
Response: 2643588
Conc: 20.13 ug/ml m



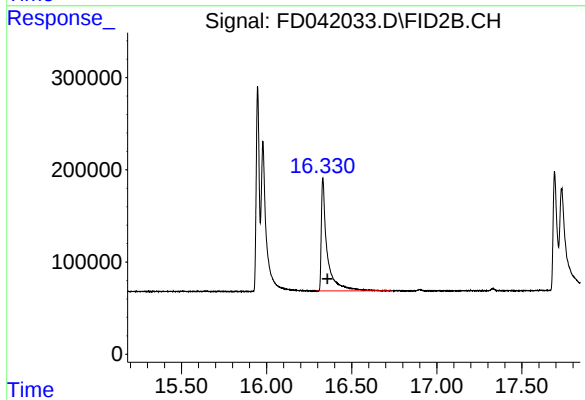
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.978 min
Delta R.T.: -0.017 min
Response: 3358854
Conc: 19.43 ug/ml

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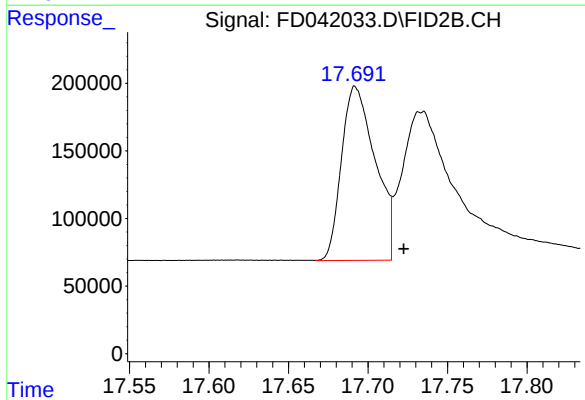
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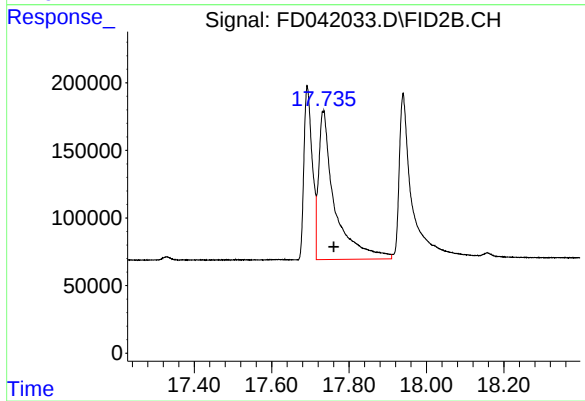
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.331 min
Delta R.T.: -0.027 min
Response: 2931820
Conc: 19.87 ug/ml



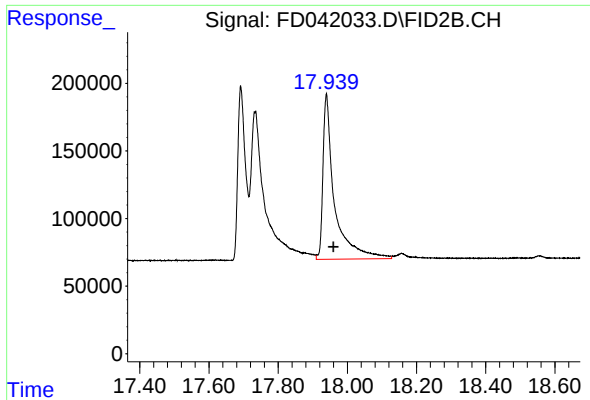
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.691 min
Delta R.T.: -0.031 min
Response: 1901763
Conc: 19.05 ug/ml m



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

R.T.: 17.734 min
Delta R.T.: -0.027 min
Response: 3190191
Conc: 20.33 ug/ml



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

R.T.: 17.940 min
Delta R.T.: -0.021 min
Response: 2836655
Conc: 20.48 ug/ml

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