

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051722AR\
 Data File : FD042502.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 10:44
 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 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: sample.E
 Quant Time: May 17 16:14:03 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...	7.332	2876259	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.186	1503181	21.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.19%
11) S ortho-Terphenyl (SURR)	11.206	3226593	18.615 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	3341167	21.462 ug/ml
2) T Naphthalene (C11.7)	5.677	3229193	20.470 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	2965455	20.507 ug/ml
5) T Acenaphthylene (C15.06)	7.982	3187698	19.343 ug/ml
7) T Acenaphthene (C15.5)	8.275	3530535	18.805 ug/ml
8) T Flouorene (C16.55)	9.055	3019800	19.826 ug/ml
9) T Phenanthrene (C19.36)	10.441	2731155	18.393 ug/ml
10) T Anthracene (C19.43)	10.518	2804560	16.753 ug/ml
12) T Fluoranthene (C21.85)	12.244	2794734	17.817 ug/ml
13) T Pyrene (C20.8)	12.537	2864497	17.562 ug/ml
14) T Benzo[a]anthracene (C...	14.410	2273074	19.003 ug/ml
15) T Chrysene (C27.41)	14.450	3204377	17.466 ug/ml
16) T benzo[b]fluoranthene ...	15.958	2594666	19.762 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.987	3029831	17.525 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.339	2828513	19.171 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.706	2070346	20.742 ug/ml
20) T Dibenz[a,h]anthracene...	17.741	3204935	20.419 ug/ml
21) T Benzo[g,h,i]perylene ...	17.955	2703588	19.522 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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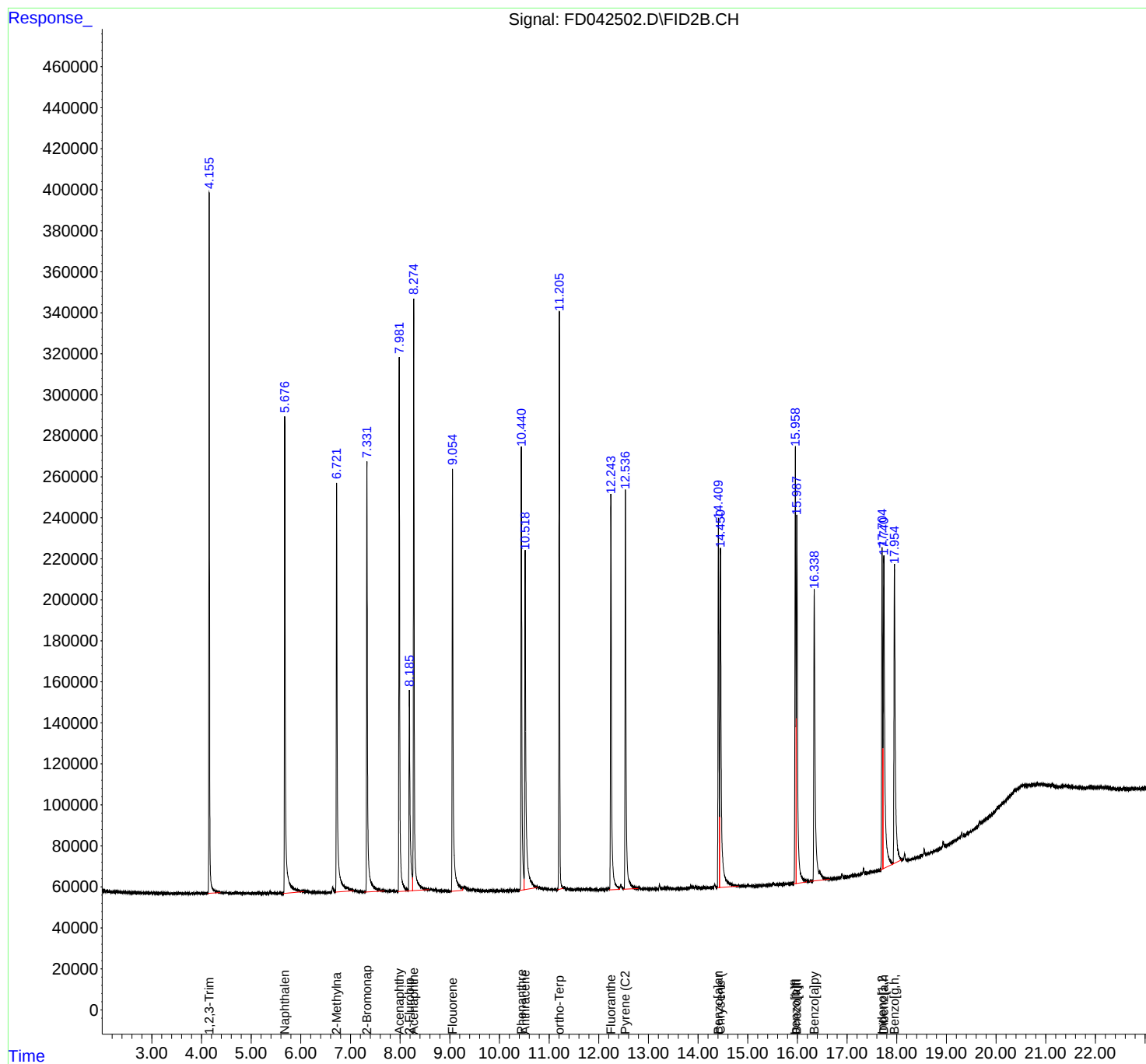
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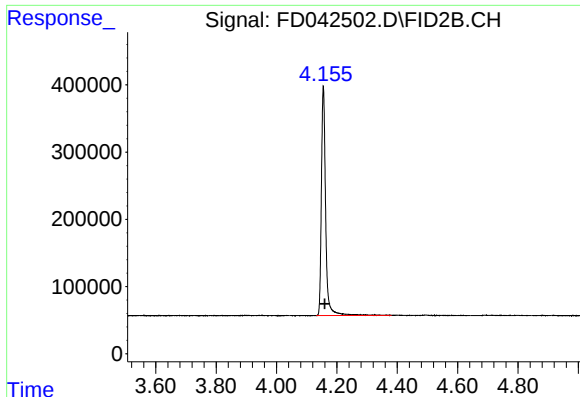
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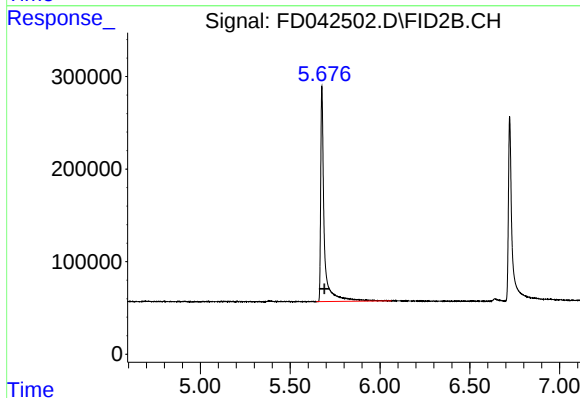
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: -0.005 min
Response: 3341167
Conc: 21.46 ug/ml

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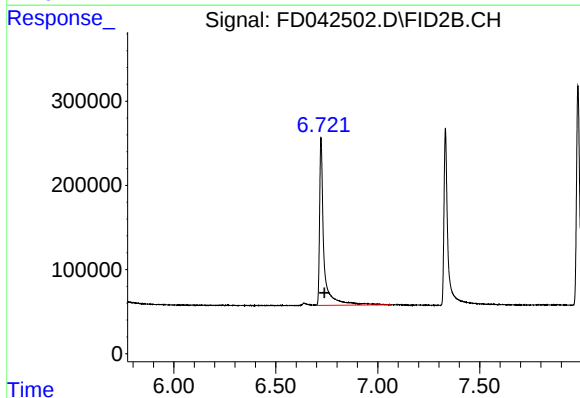
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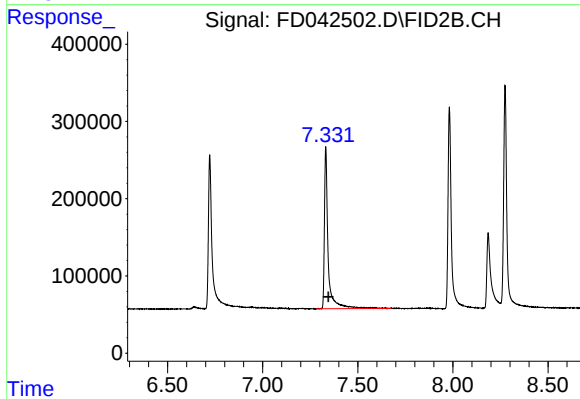
#2 Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 3229193
Conc: 20.47 ug/ml



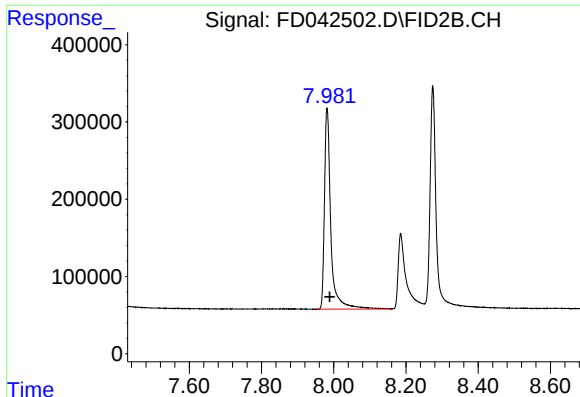
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 2965455
Conc: 20.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 2876259
Conc: 20.52 ug/ml



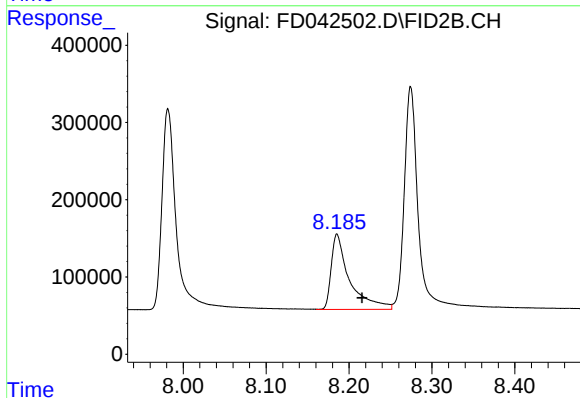
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.007 min
Response: 3187698
Conc: 19.34 ug/ml

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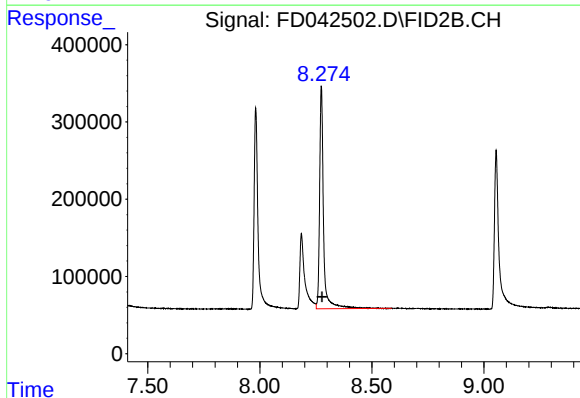
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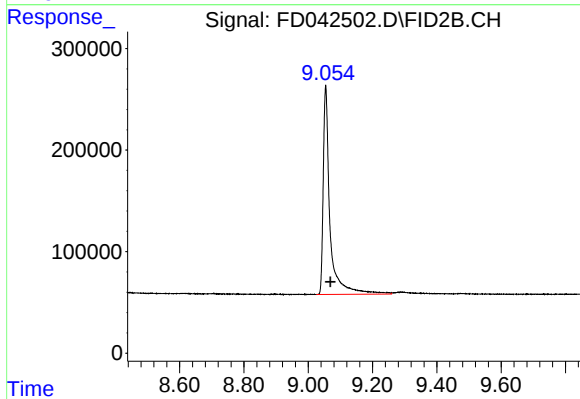
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.186 min
Delta R.T.: -0.030 min
Response: 1503181
Conc: 21.10 ug/ml



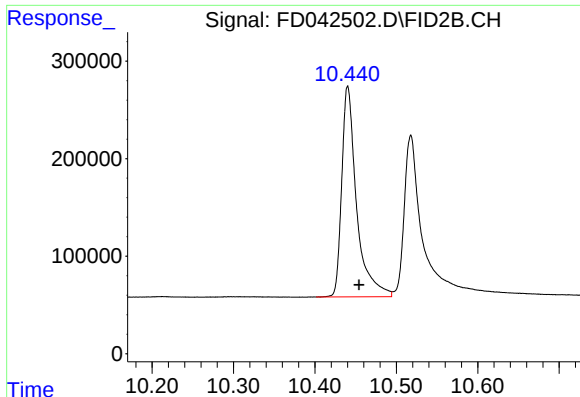
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 3530535
Conc: 18.81 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.055 min
Delta R.T.: -0.015 min
Response: 3019800
Conc: 19.83 ug/ml



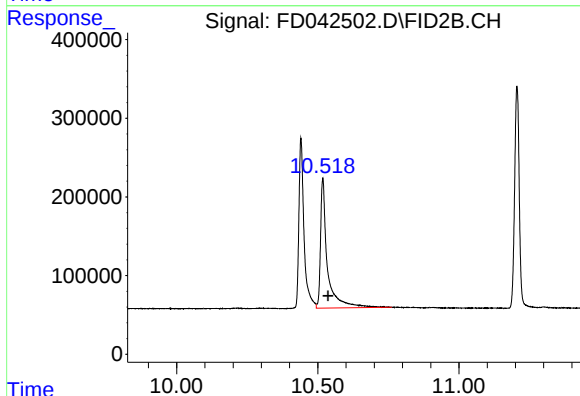
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.013 min
Response: 2731155
Conc: 18.39 ug/ml

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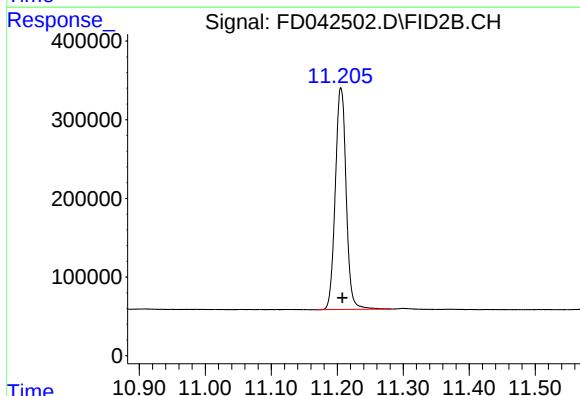
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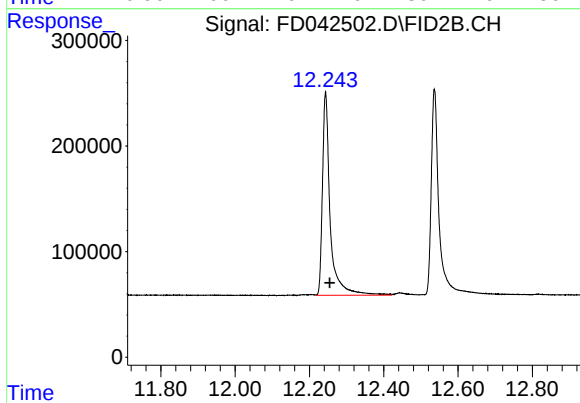
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.019 min
Response: 2804560
Conc: 16.75 ug/ml



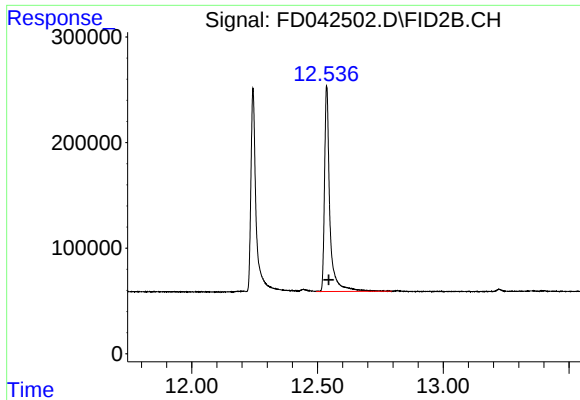
#11 ortho-Terphenyl (SURRE)

R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 3226593
Conc: 18.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.244 min
Delta R.T.: -0.011 min
Response: 2794734
Conc: 17.82 ug/ml



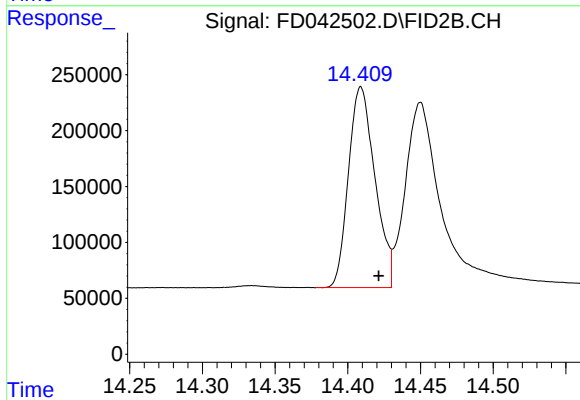
#13 Pyrene (C20.8)

R.T.: 12.537 min
Delta R.T.: -0.008 min
Response: 2864497
Conc: 17.56 ug/ml

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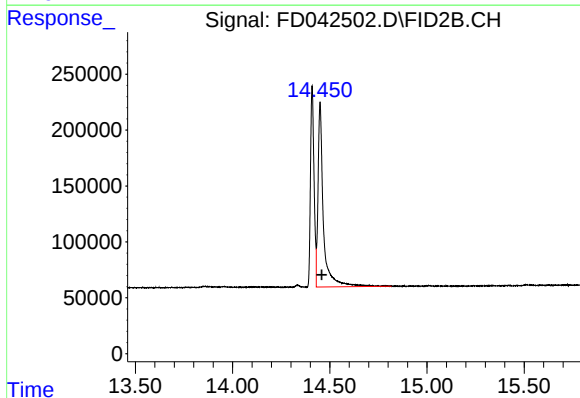
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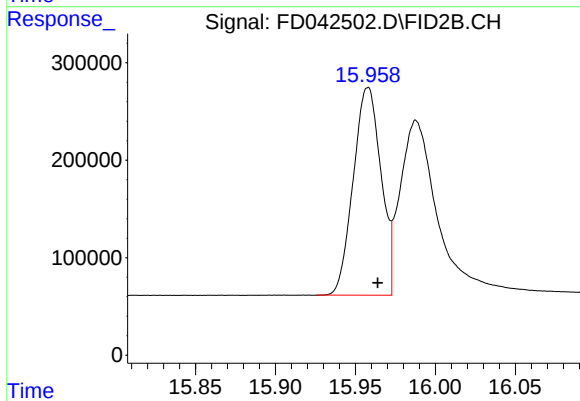
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.410 min
Delta R.T.: -0.012 min
Response: 2273074
Conc: 19.00 ug/ml



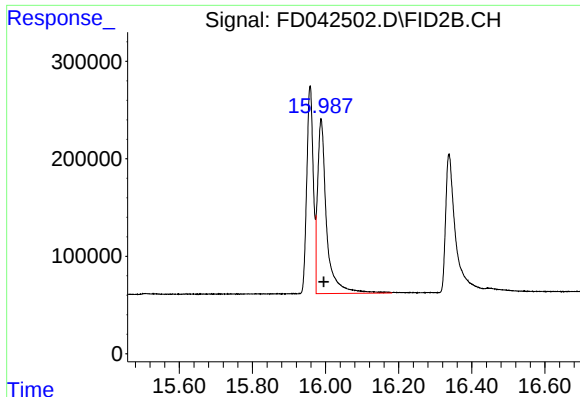
#15 Chrysene (C27.41)

R.T.: 14.450 min
Delta R.T.: -0.009 min
Response: 3204377
Conc: 17.47 ug/ml



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

R.T.: 15.958 min
Delta R.T.: -0.006 min
Response: 2594666
Conc: 19.76 ug/ml m



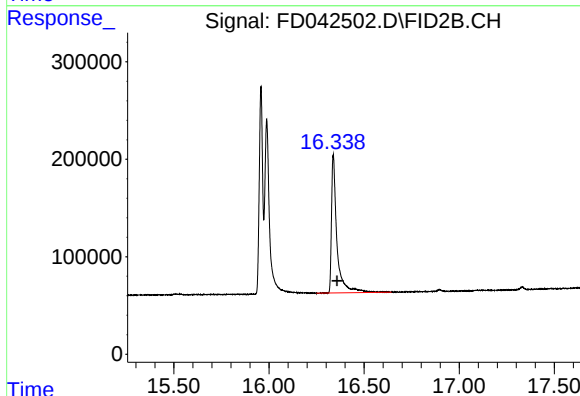
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.008 min
Response: 3029831
Conc: 17.53 ug/ml

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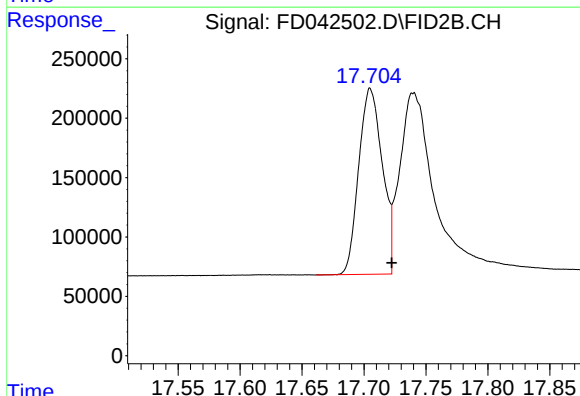
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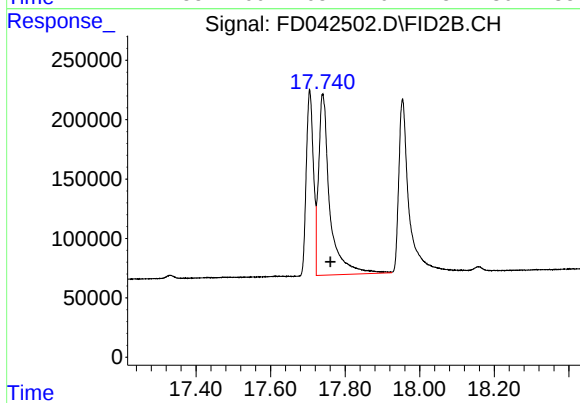
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: -0.019 min
Response: 2828513
Conc: 19.17 ug/ml



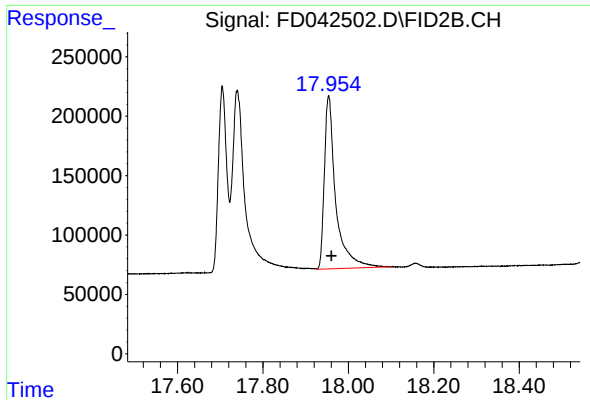
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.706 min
Delta R.T.: -0.017 min
Response: 2070346
Conc: 20.74 ug/ml



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

R.T.: 17.741 min
Delta R.T.: -0.020 min
Response: 3204935
Conc: 20.42 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.006 min
Response: 2703588
Conc: 19.52 ug/ml

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