

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042420.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2022 13:08
 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 05/13/2022
 Supervised By :mohammad ahmed 05/13/2022

Integration File: sample.E
 Quant Time: May 13 03:10:30 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...	7.331	3146401	22.447 ug/ml
Spiked Amount 50.000		Recovery =	44.89%
6) S 2-Fluorobiphenyl (SURR)	8.184	1714718	24.065 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.13%
11) S ortho-Terphenyl (SURR)	11.205	3494221	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	3837326	24.649 ug/ml
2) T Naphthalene (C11.7)	5.676	3708395	23.508 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	3233901	22.364 ug/ml
5) T Acenaphthylene (C15.06)	7.982	3476852	21.097 ug/ml
7) T Acenaphthene (C15.5)	8.274	3879847	20.666 ug/ml
8) T Flouorene (C16.55)	9.053	3311784	21.743 ug/ml
9) T Phenanthrene (C19.36)	10.439	2946900	19.846 ug/ml
10) T Anthracene (C19.43)	10.516	2749709	16.425 ug/ml
12) T Fluoranthene (C21.85)	12.241	2994417	19.090 ug/ml
13) T Pyrene (C20.8)	12.533	3059652	18.759 ug/ml
14) T Benzo[a]anthracene (C...	14.404	2555281	21.362 ug/ml
15) T Chrysene (C27.41)	14.445	3014045	16.429 ug/mlm
16) T benzo[b]fluoranthene ...	15.953	2889406	22.006 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	3429743	19.838 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.333	2891474	19.597 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	2395470	24.000 ug/mlm
20) T Dibenz[a,h]anthracene...	17.736	3667303	23.365 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	3010312	21.737 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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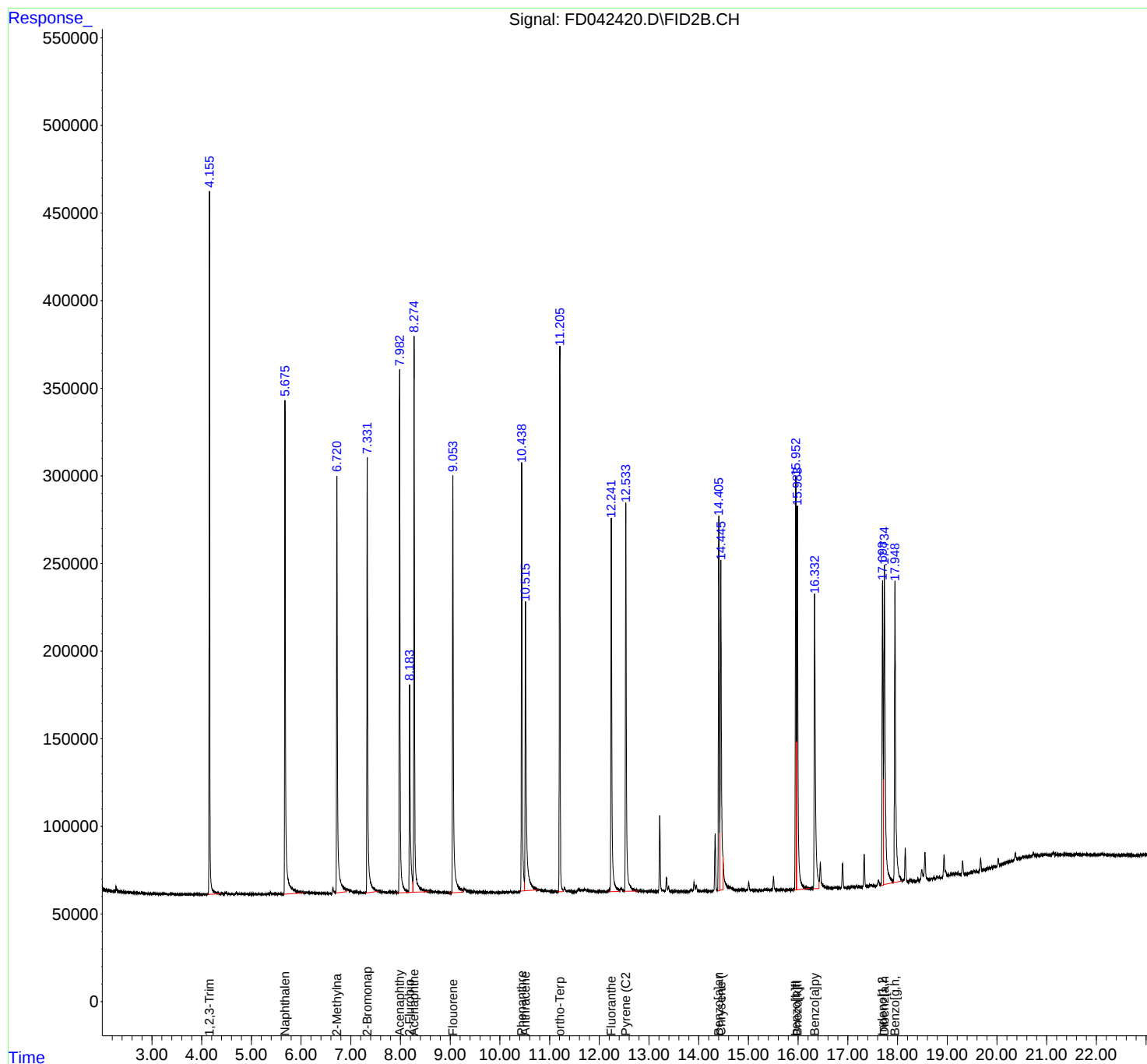
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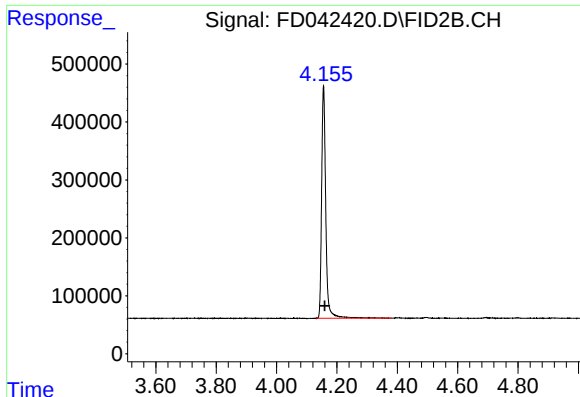
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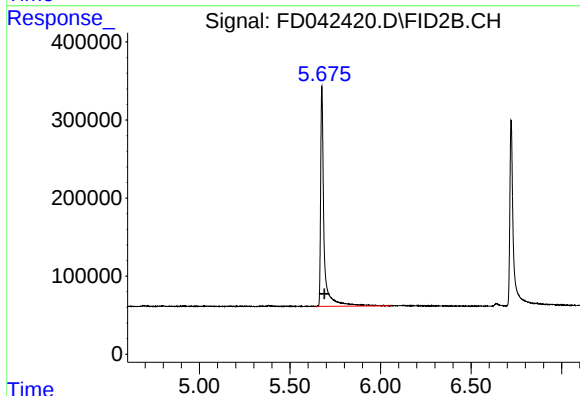
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 3837326
Conc: 24.65 ug/ml

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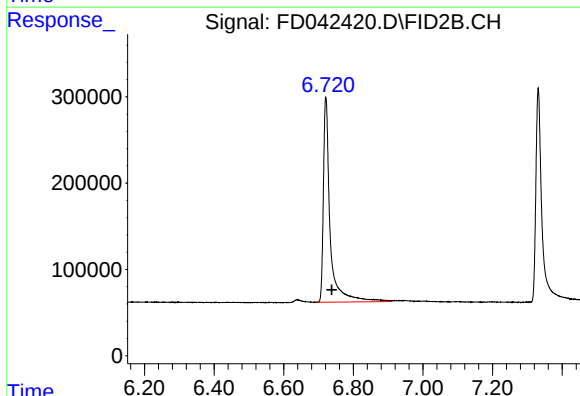
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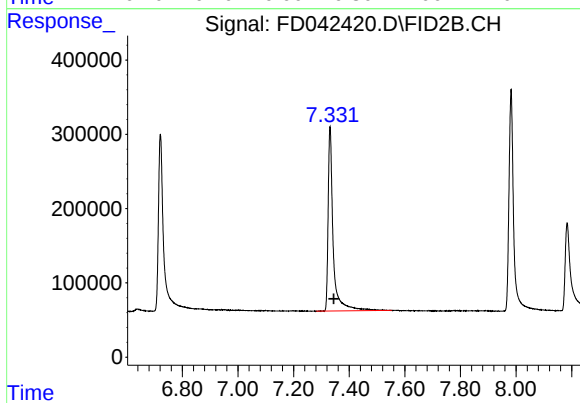
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 3708395
Conc: 23.51 ug/ml



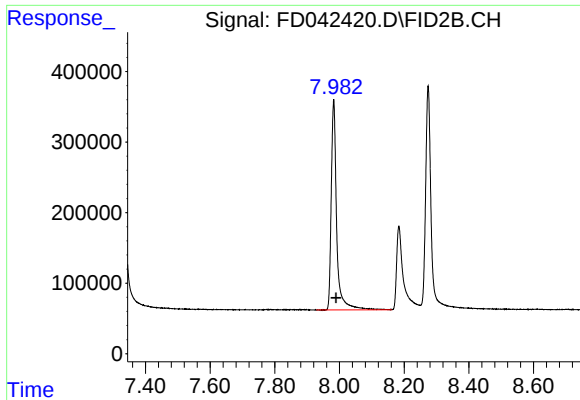
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.016 min
Response: 3233901
Conc: 22.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 3146401
Conc: 22.45 ug/ml



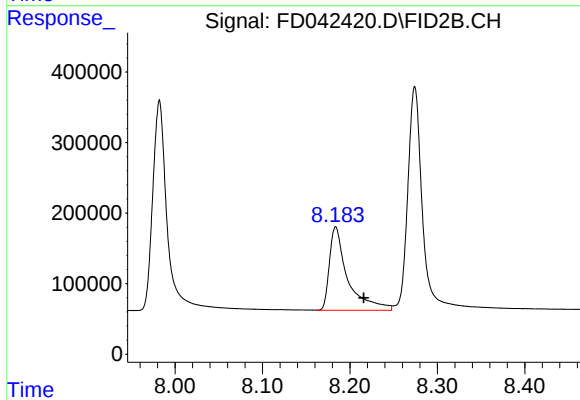
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.007 min
Response: 3476852
Conc: 21.10 ug/ml

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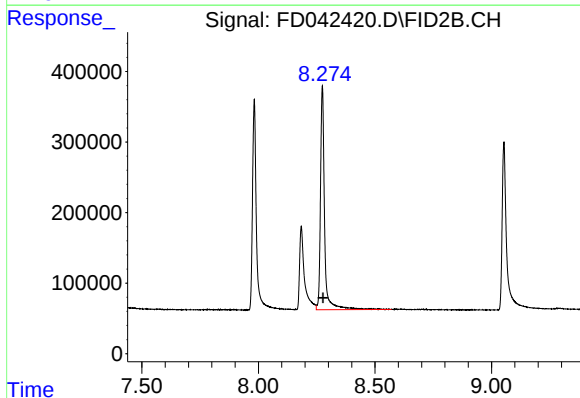
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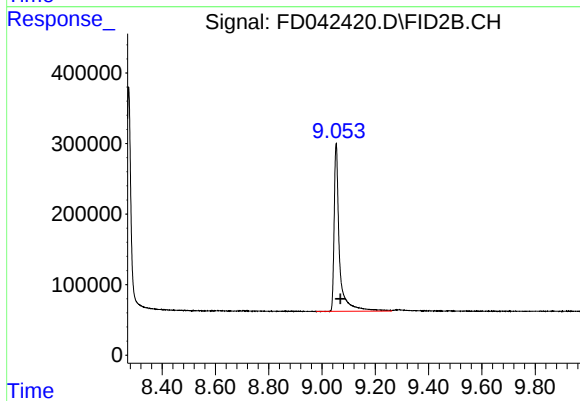
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.032 min
Response: 1714718
Conc: 24.07 ug/ml



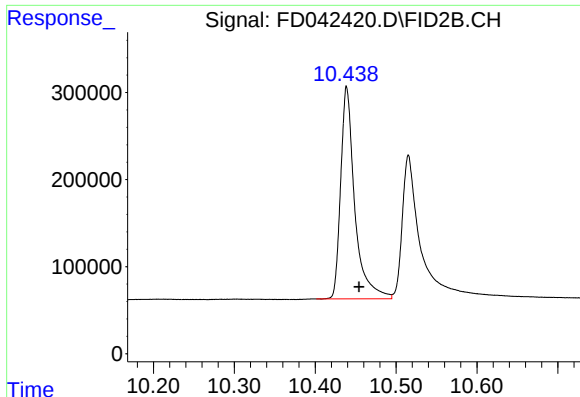
#7 Acenaphthene (C15.5)

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 3879847
Conc: 20.67 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.016 min
Response: 3311784
Conc: 21.74 ug/ml



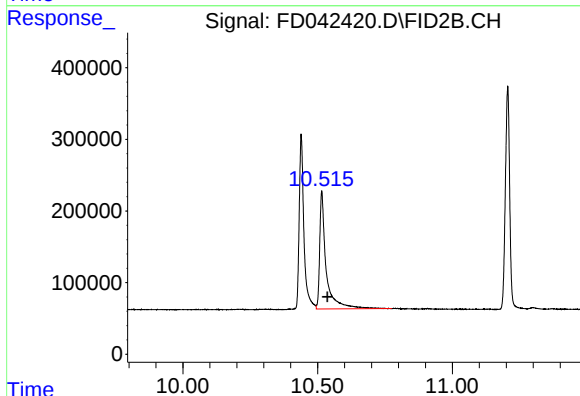
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.015 min
Response: 2946900
Conc: 19.85 ug/ml

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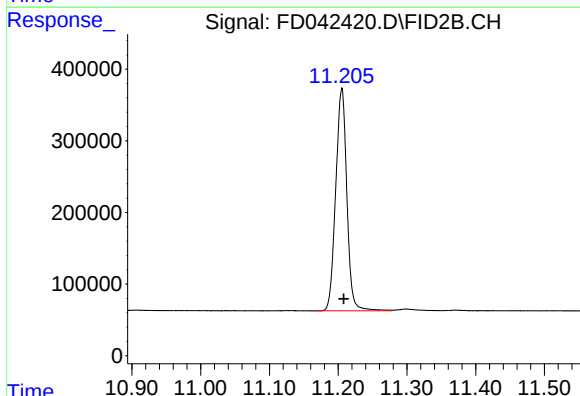
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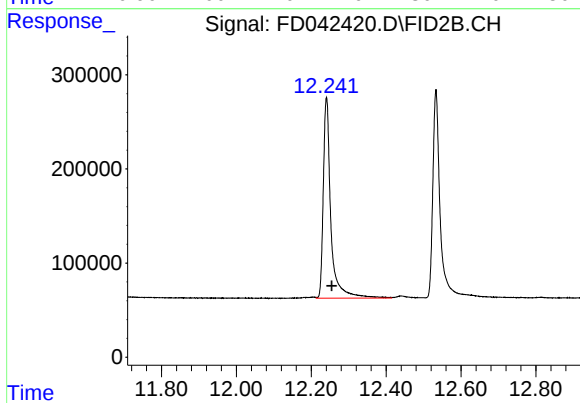
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.021 min
Response: 2749709
Conc: 16.42 ug/ml



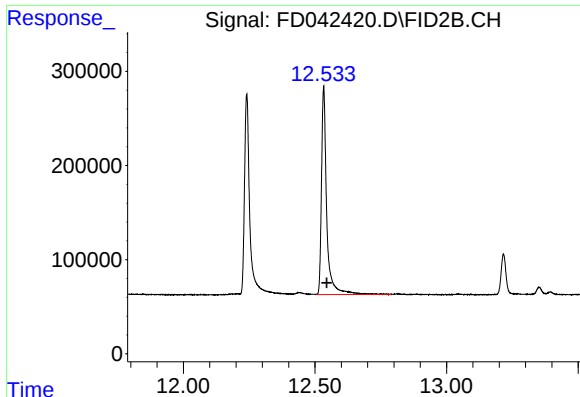
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3494221
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.014 min
Response: 2994417
Conc: 19.09 ug/ml



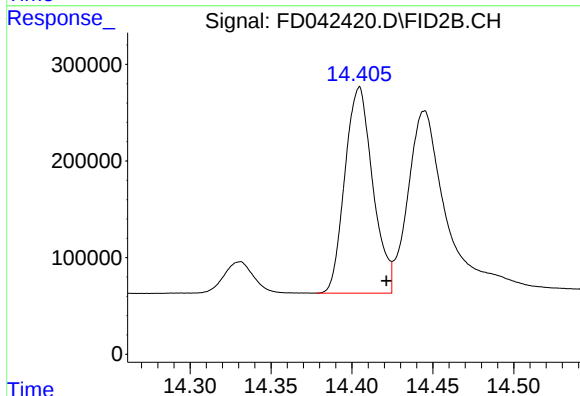
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: -0.011 min
Response: 3059652
Conc: 18.76 ug/ml

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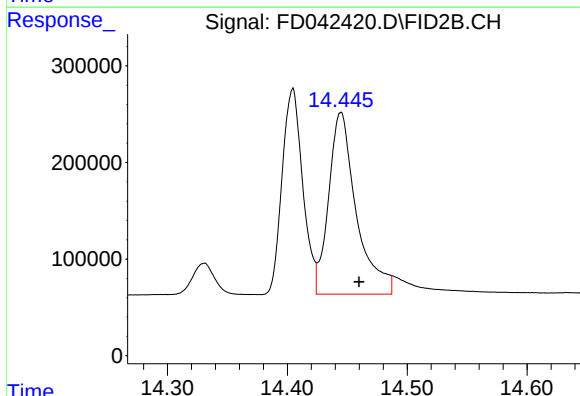
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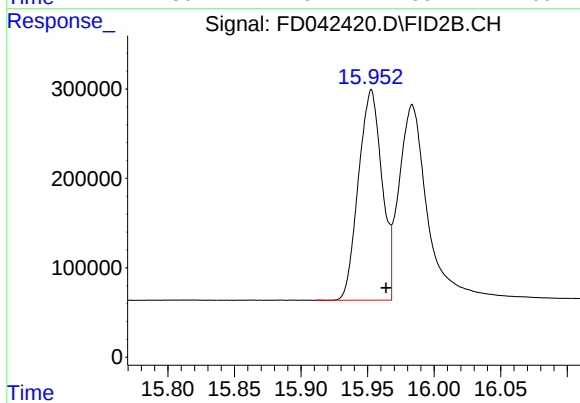
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: -0.017 min
Response: 2555281
Conc: 21.36 ug/ml



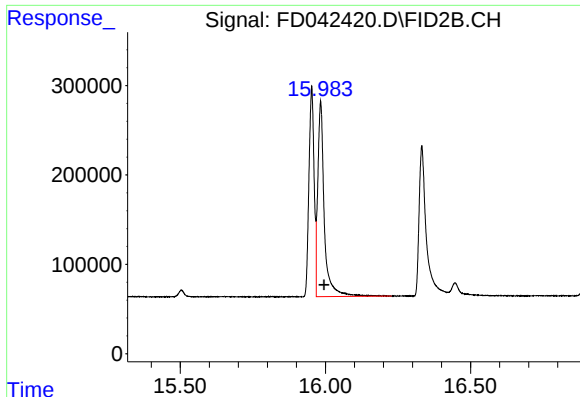
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.015 min
Response: 3014045
Conc: 16.43 ug/ml m



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

R.T.: 15.953 min
Delta R.T.: -0.011 min
Response: 2889406
Conc: 22.01 ug/ml



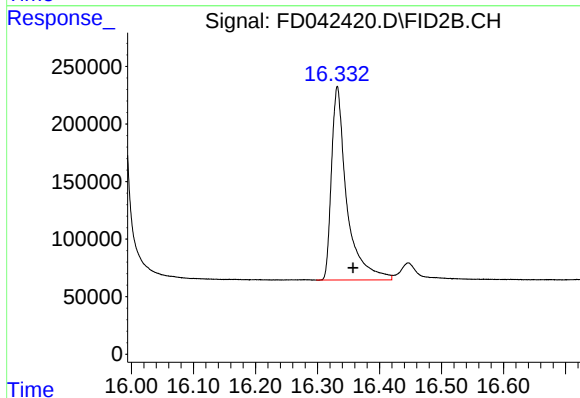
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.983 min
Delta R.T.: -0.012 min
Response: 3429743
Conc: 19.84 ug/ml

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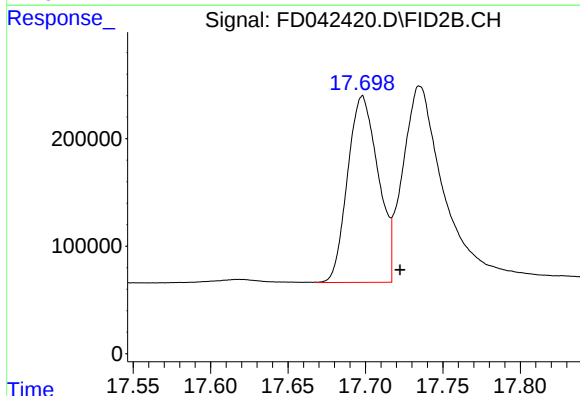
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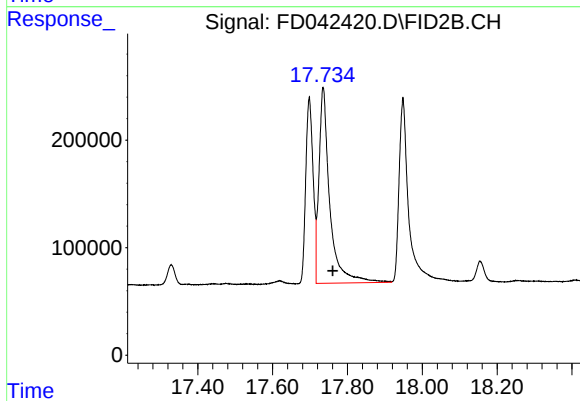
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.333 min
Delta R.T.: -0.025 min
Response: 2891474
Conc: 19.60 ug/ml



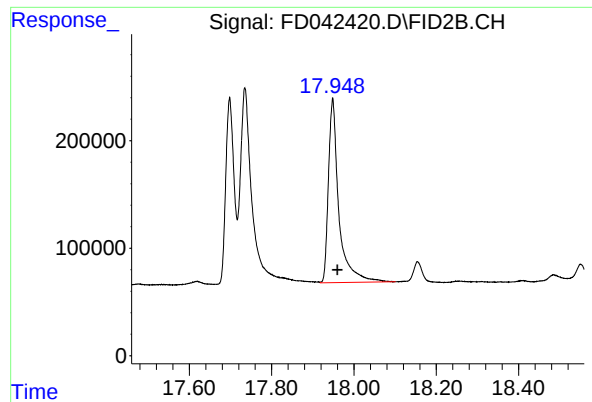
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.024 min
Response: 2395470
Conc: 24.00 ug/ml m



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

R.T.: 17.736 min
Delta R.T.: -0.025 min
Response: 3667303
Conc: 23.37 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.012 min
Response: 3010312
Conc: 21.74 ug/ml

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