

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AR\
 Data File : FD042134.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 12:31
 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 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 03:31:34 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...	7.328	2881990	20.561 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
6) S 2-Fluorobiphenyl (SURR)	8.179	1622340	22.769 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.54%
11) S ortho-Terphenyl (SURR)	11.204	3272549	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3162527	20.314 ug/ml
2) T Naphthalene (C11.7)	5.672	3299831	20.918 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	3158118	21.840 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3239795	19.659 ug/ml
7) T Acenaphthene (C15.5)	8.271	3810001	20.294 ug/ml
8) T Flouorene (C16.55)	9.050	3038350	19.948 ug/ml
9) T Phenanthrene (C19.36)	10.437	2893028	19.483 ug/ml
10) T Anthracene (C19.43)	10.512	3040061	18.159 ug/ml
12) T Fluoranthene (C21.85)	12.238	2944196	18.770 ug/ml
13) T Pyrene (C20.8)	12.530	2866742	17.576 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2393340	20.008 ug/ml
15) T Chrysene (C27.41)	14.442	3279390	17.875 ug/ml
16) T benzo[b]fluoranthene ...	15.949	2460746	18.742 ug/ml
17) T Bnezo[k]fluoranthene ...	15.980	3010982	17.416 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	2482548	16.826 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.692	2119877	21.239 ug/mlm
20) T Dibenz[a,h]anthracene...	17.731	2940371	18.734 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	2469194	17.829 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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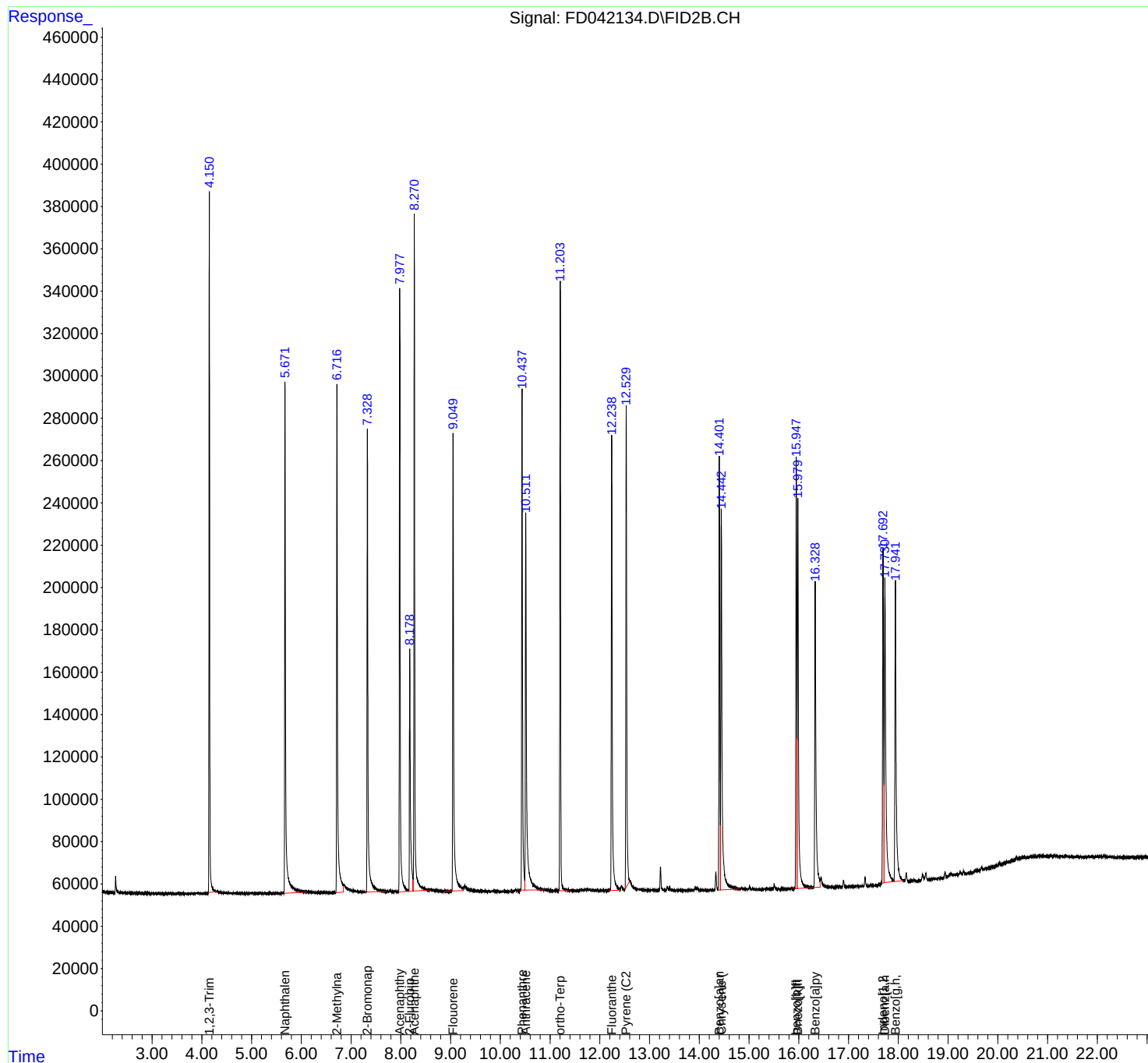
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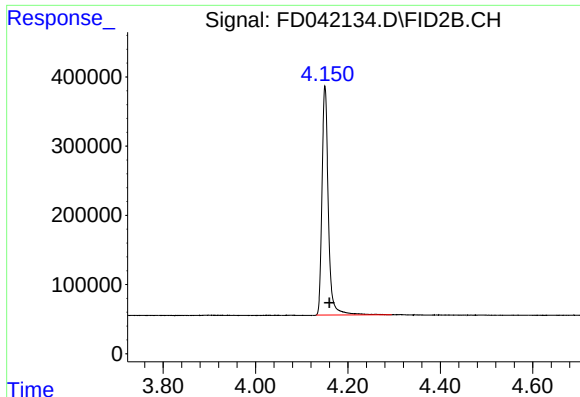
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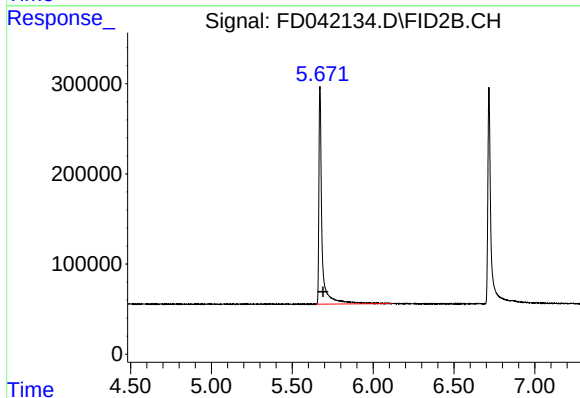
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 3162527
Conc: 20.31 ug/ml

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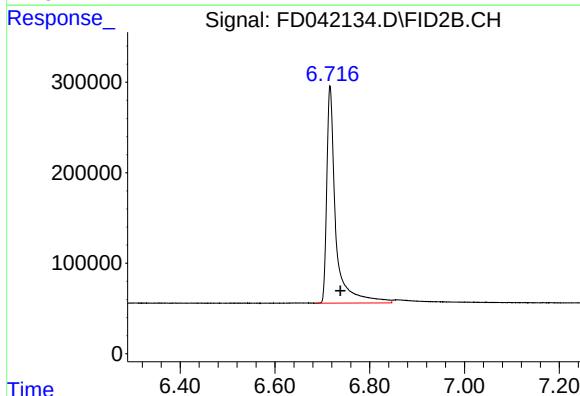
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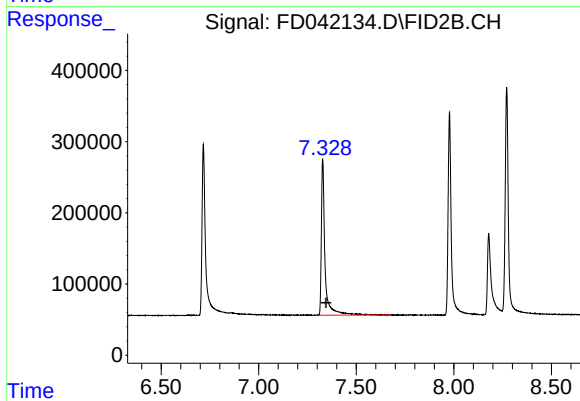
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3299831
Conc: 20.92 ug/ml



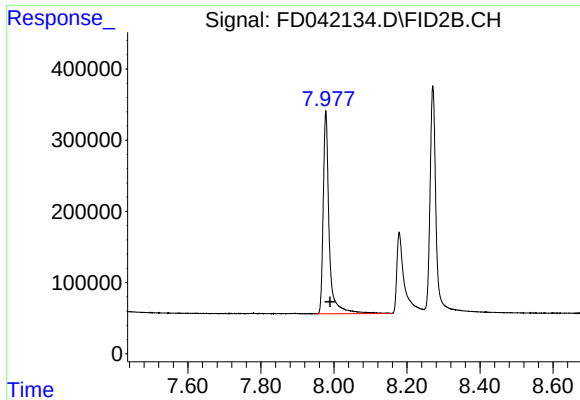
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.021 min
Response: 3158118
Conc: 21.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.328 min
Delta R.T.: -0.017 min
Response: 2881990
Conc: 20.56 ug/ml



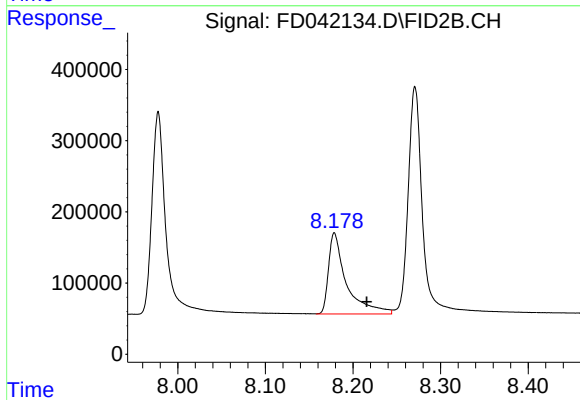
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.011 min
Response: 3239795
Conc: 19.66 ug/ml

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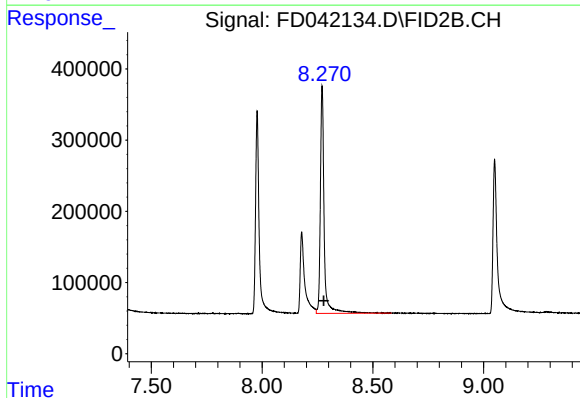
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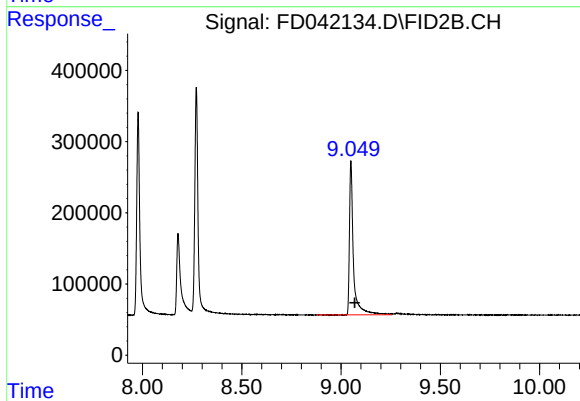
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.037 min
Response: 1622340
Conc: 22.77 ug/ml



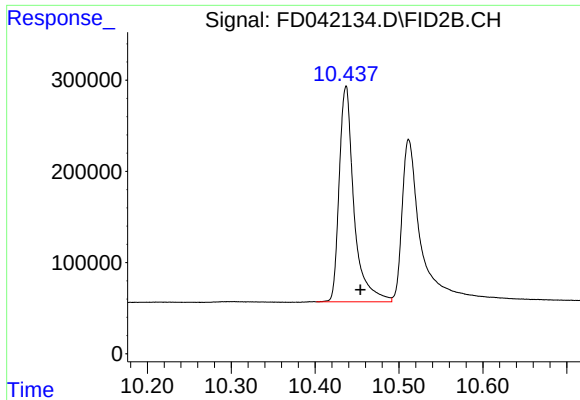
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 3810001
Conc: 20.29 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.020 min
Response: 3038350
Conc: 19.95 ug/ml



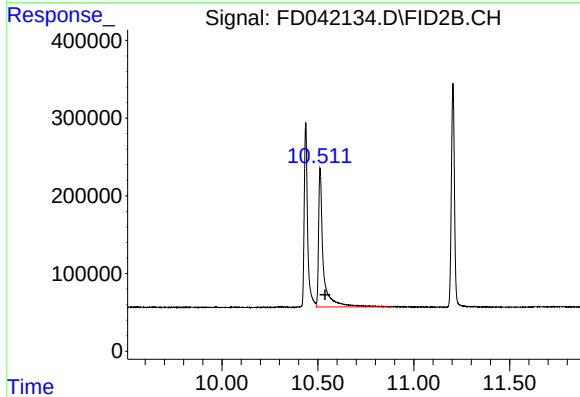
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.017 min
Response: 2893028
Conc: 19.48 ug/ml

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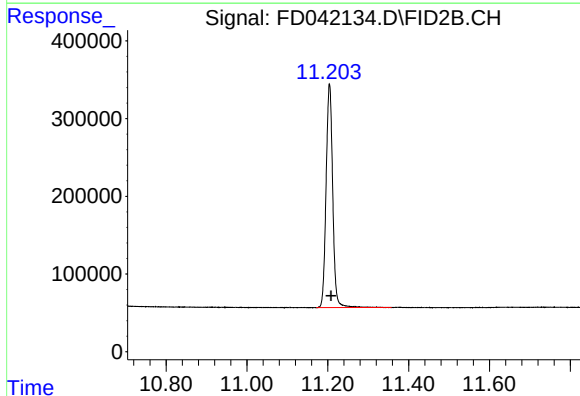
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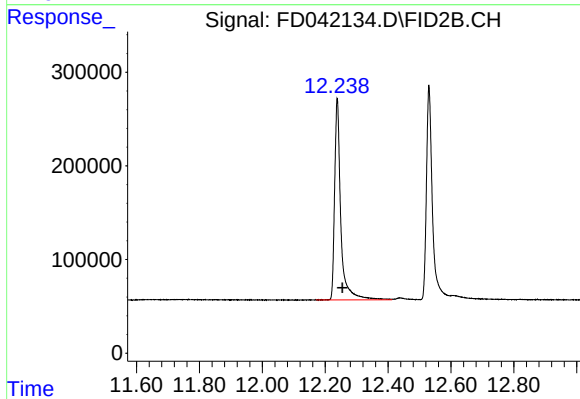
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.025 min
Response: 3040061
Conc: 18.16 ug/ml



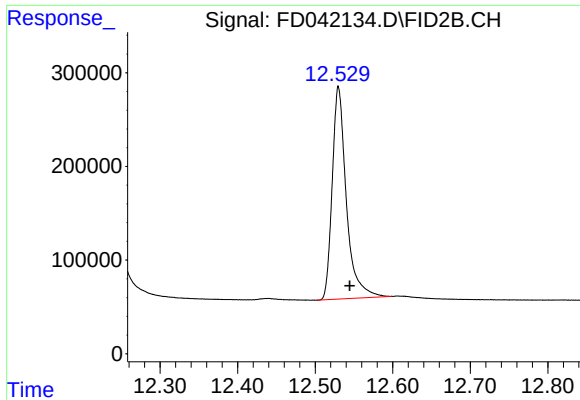
#11 ortho-Terphenyl (SURRE)

R.T.: 11.204 min
Delta R.T.: -0.004 min
Response: 3272549
Conc: 18.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.238 min
Delta R.T.: -0.016 min
Response: 2944196
Conc: 18.77 ug/ml



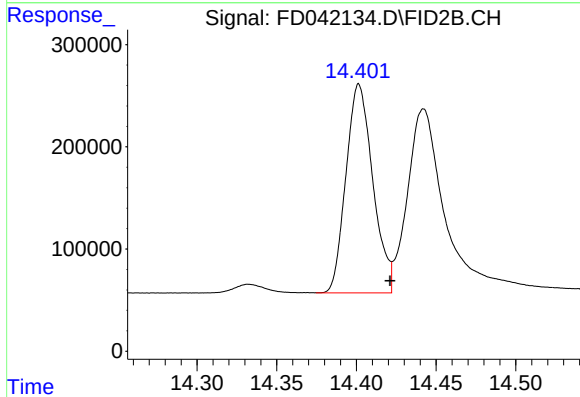
#13 Pyrene (C20.8)

R.T.: 12.530 min
Delta R.T.: -0.014 min
Response: 2866742
Conc: 17.58 ug/ml

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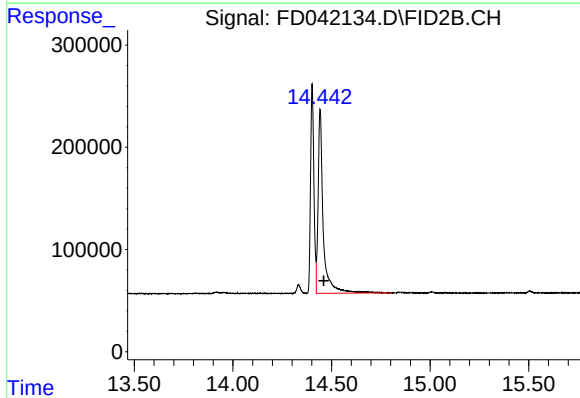
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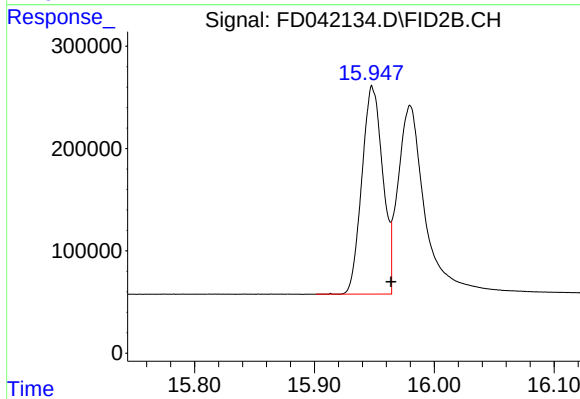
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 2393340
Conc: 20.01 ug/ml



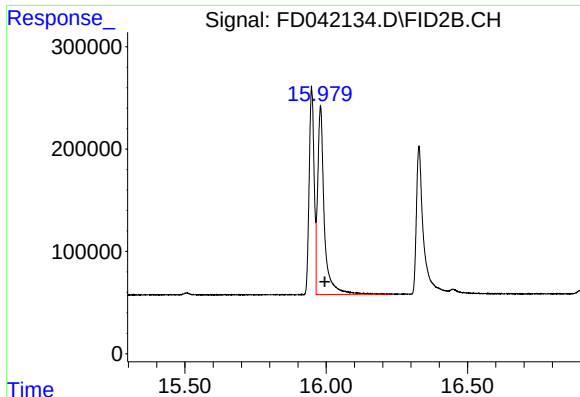
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.017 min
Response: 3279390
Conc: 17.87 ug/ml



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

R.T.: 15.949 min
Delta R.T.: -0.015 min
Response: 2460746
Conc: 18.74 ug/ml



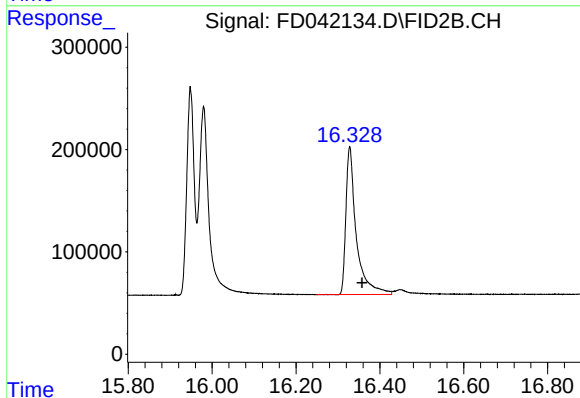
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.016 min
Response: 3010982
Conc: 17.42 ug/ml

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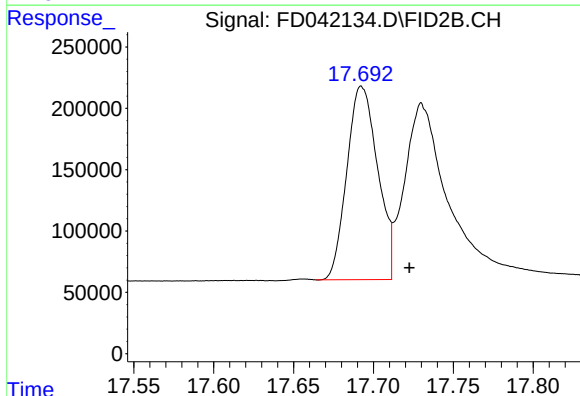
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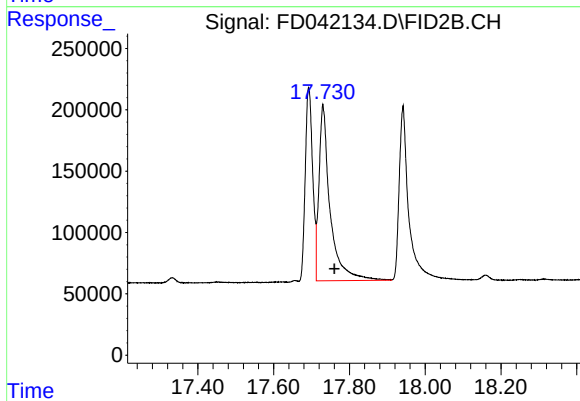
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.329 min
Delta R.T.: -0.029 min
Response: 2482548
Conc: 16.83 ug/ml



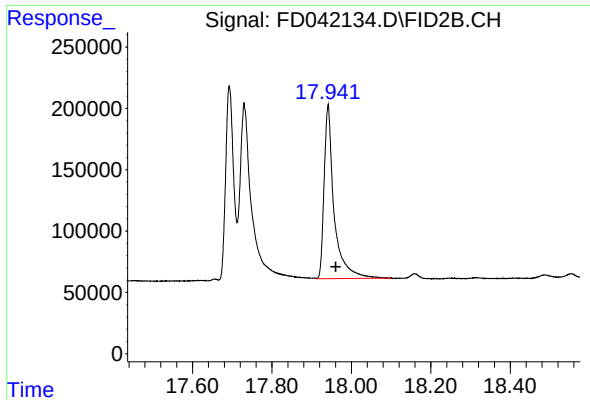
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.692 min
Delta R.T.: -0.030 min
Response: 2119877
Conc: 21.24 ug/ml m



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

R.T.: 17.731 min
Delta R.T.: -0.030 min
Response: 2940371
Conc: 18.73 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.019 min
Response: 2469194
Conc: 17.83 ug/ml

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