

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042107.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 17:49
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: autoint1.e
 Quant Time: Apr 27 00:46:56 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...	7.329	2750963	19.626 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
6) S 2-Fluorobiphenyl (SURR)	8.180	1540178	21.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.23%
11) S ortho-Terphenyl (SURR)	11.205	3107285	17.927 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3080483	19.787 ug/ml
2) T Naphthalene (C11.7)	5.672	3157199	20.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	2990272	20.679 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3082067	18.702 ug/ml
7) T Acenaphthene (C15.5)	8.271	3633548	19.354 ug/ml
8) T Flouorene (C16.55)	9.050	2907461	19.088 ug/ml
9) T Phenanthrene (C19.36)	10.437	2735706	18.424 ug/ml
10) T Anthracene (C19.43)	10.513	2906329	17.361 ug/ml
12) T Fluoranthene (C21.85)	12.238	2809673	17.912 ug/ml
13) T Pyrene (C20.8)	12.531	2858883	17.528 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2280899	19.068 ug/ml
15) T Chrysene (C27.41)	14.442	3158787	17.218 ug/ml
16) T benzo[b]fluoranthene ...	15.948	2351480	17.909 ug/ml
17) T Bnezo[k]fluoranthene ...	15.980	2940206	17.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	2423633	16.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.692	2080204	20.841 ug/mlm
20) T Dibenz[a,h]anthracene...	17.732	2904856	18.507 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	2498916	18.044 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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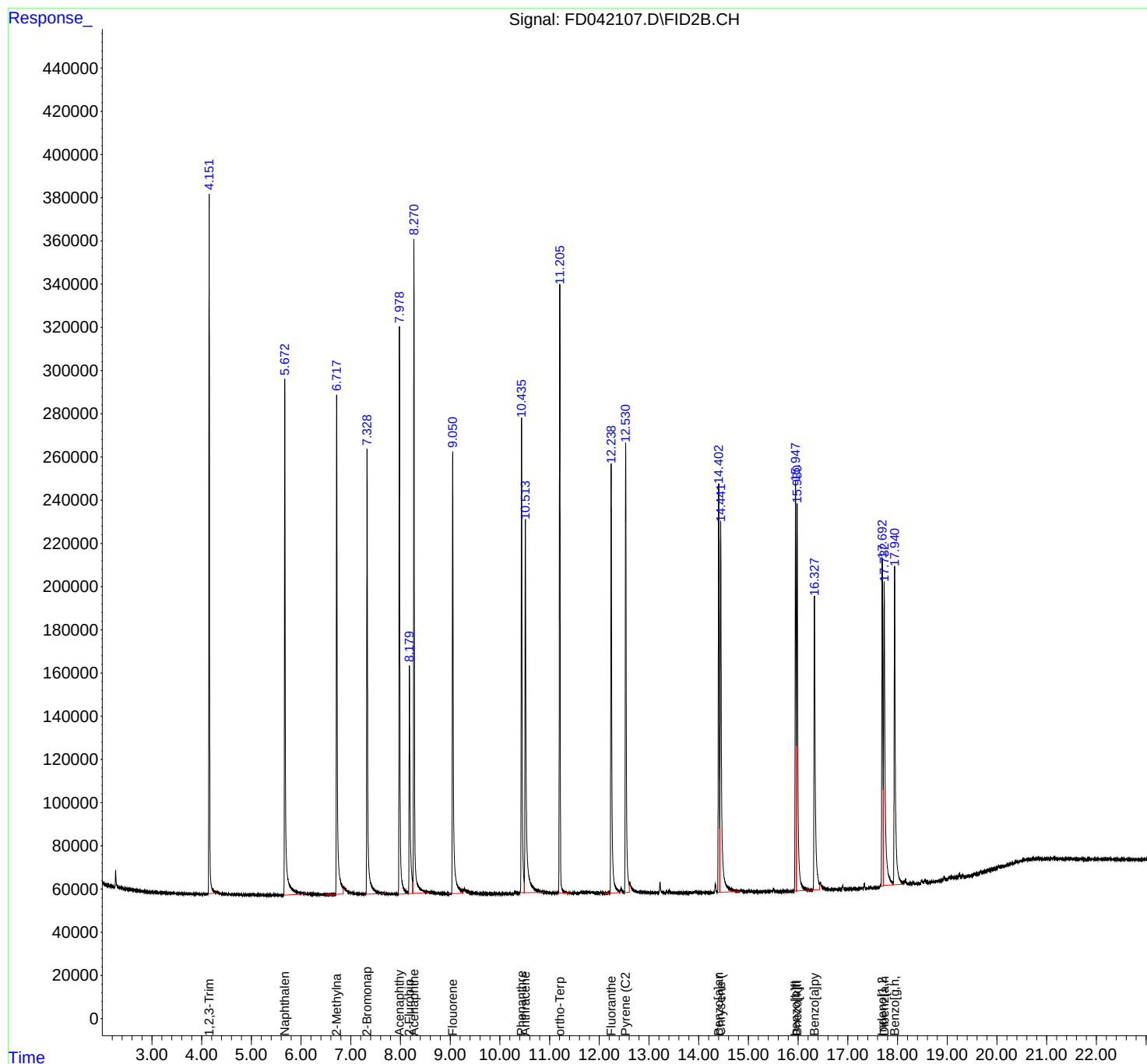
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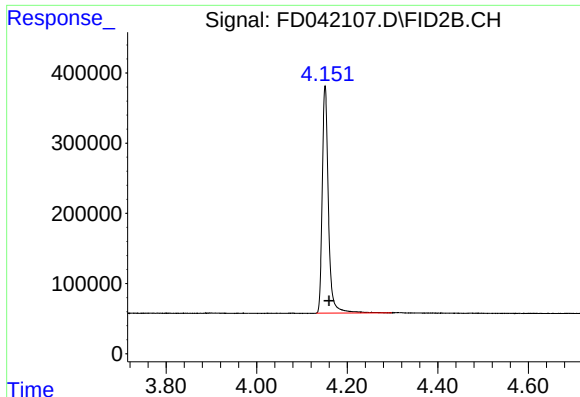
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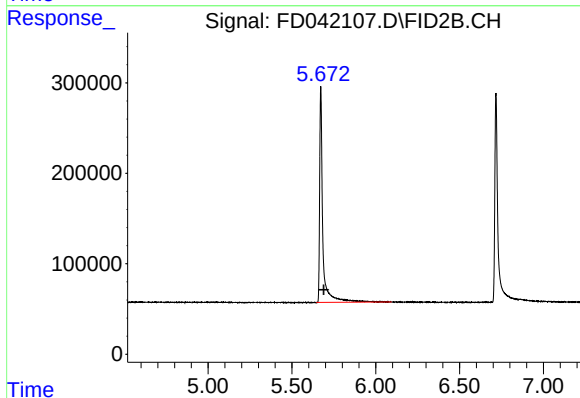
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 3080483
Conc: 19.79 ug/ml

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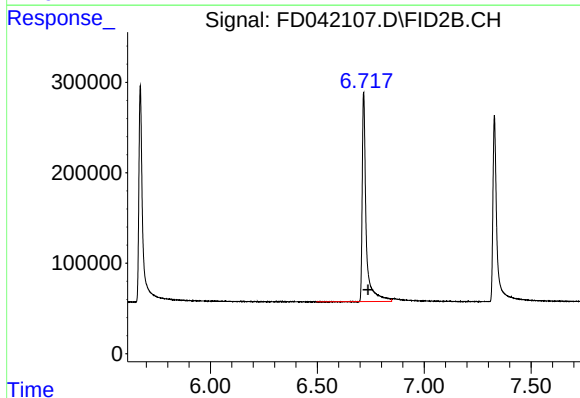
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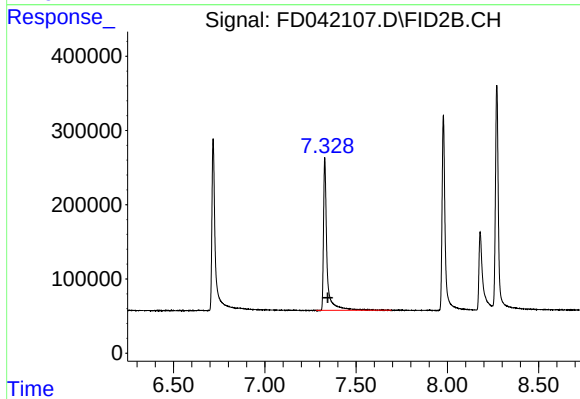
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.018 min
Response: 3157199
Conc: 20.01 ug/ml



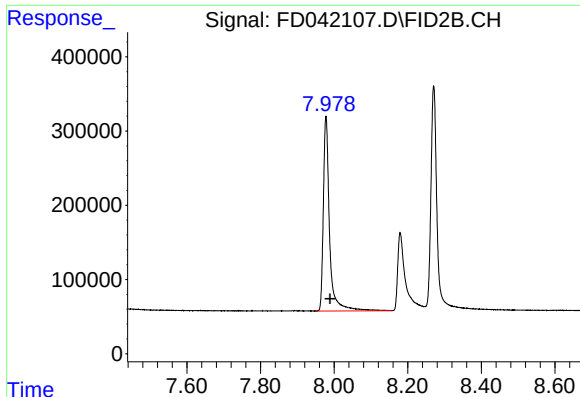
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.021 min
Response: 2990272
Conc: 20.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.016 min
Response: 2750963
Conc: 19.63 ug/ml



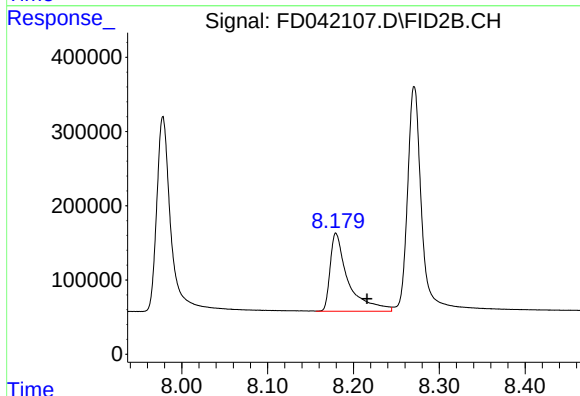
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.011 min
Response: 3082067
Conc: 18.70 ug/ml

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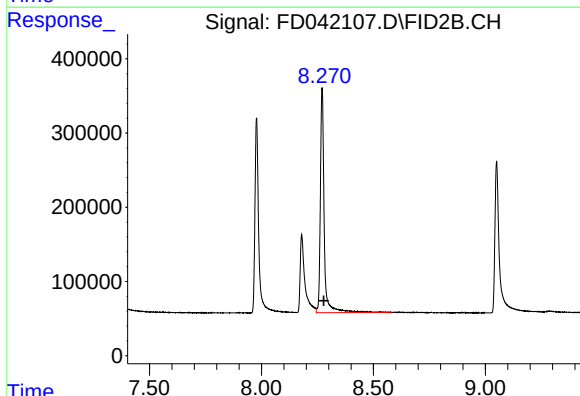
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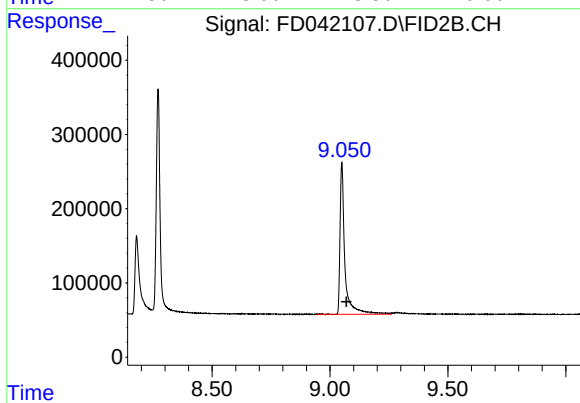
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.036 min
Response: 1540178
Conc: 21.62 ug/ml



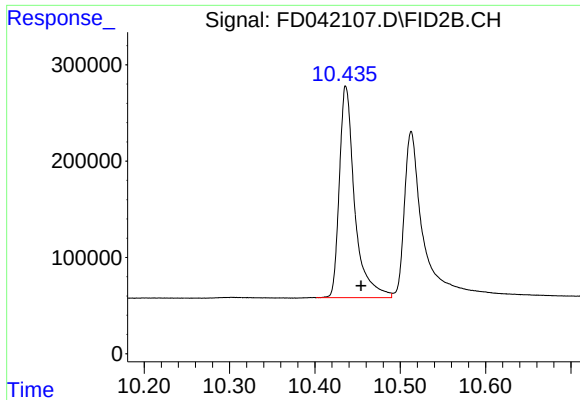
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 3633548
Conc: 19.35 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.019 min
Response: 2907461
Conc: 19.09 ug/ml



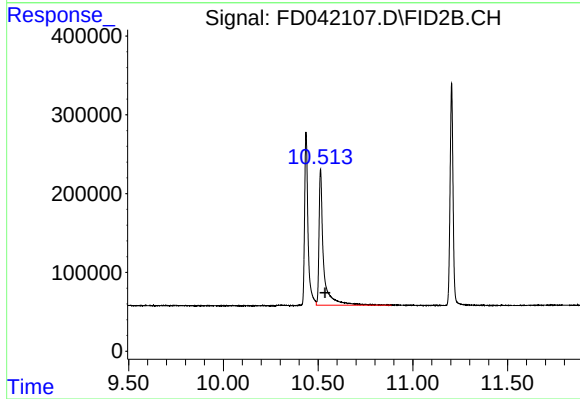
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.018 min
Response: 2735706
Conc: 18.42 ug/ml

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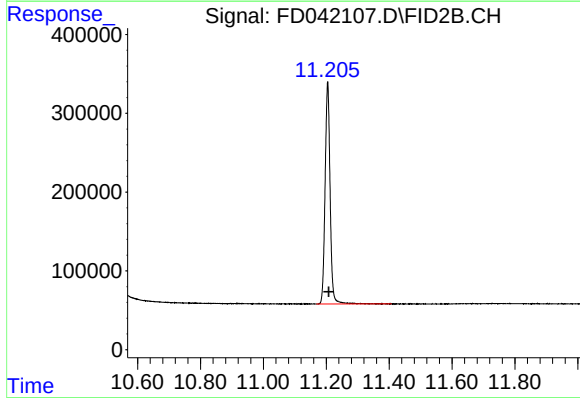
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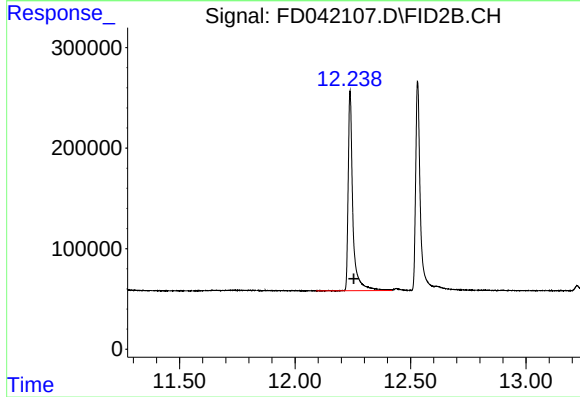
#10 Anthracene (C19.43)

R.T.: 10.513 min
Delta R.T.: -0.024 min
Response: 2906329
Conc: 17.36 ug/ml



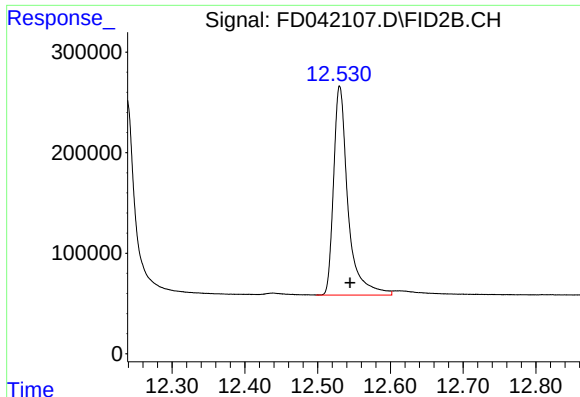
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3107285
Conc: 17.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.238 min
Delta R.T.: -0.017 min
Response: 2809673
Conc: 17.91 ug/ml



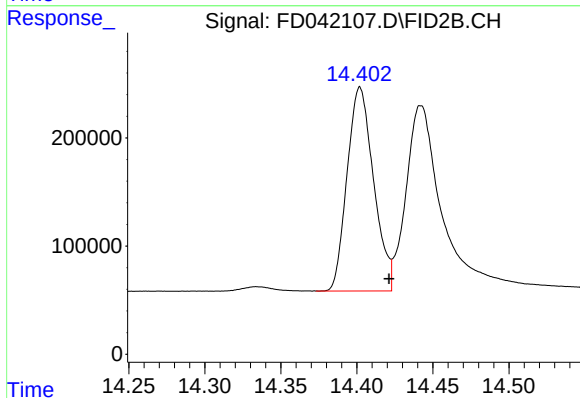
#13 Pyrene (C20.8)

R.T.: 12.531 min
Delta R.T.: -0.014 min
Response: 2858883
Conc: 17.53 ug/ml

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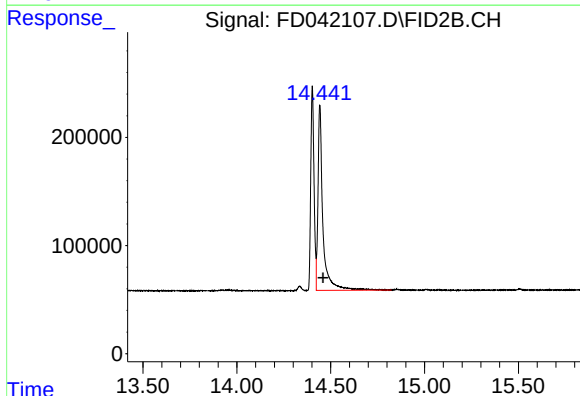
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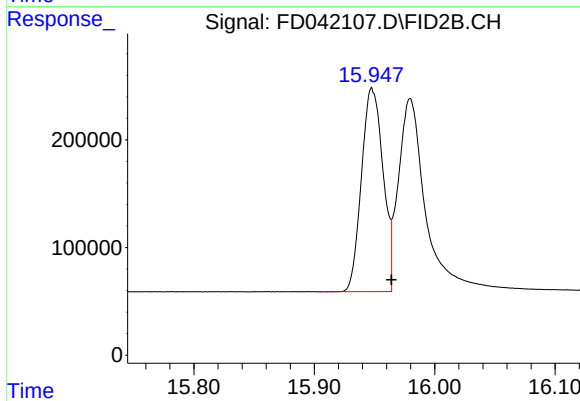
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 2280899
Conc: 19.07 ug/ml



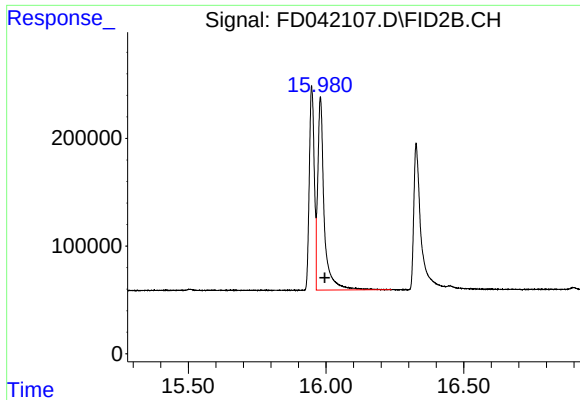
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.018 min
Response: 3158787
Conc: 17.22 ug/ml



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

R.T.: 15.948 min
Delta R.T.: -0.016 min
Response: 2351480
Conc: 17.91 ug/ml



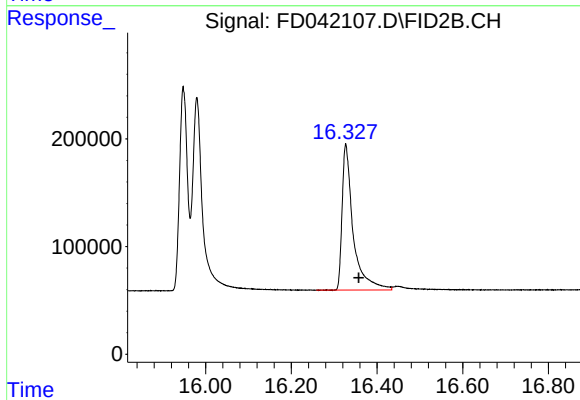
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.015 min
Response: 2940206
Conc: 17.01 ug/ml

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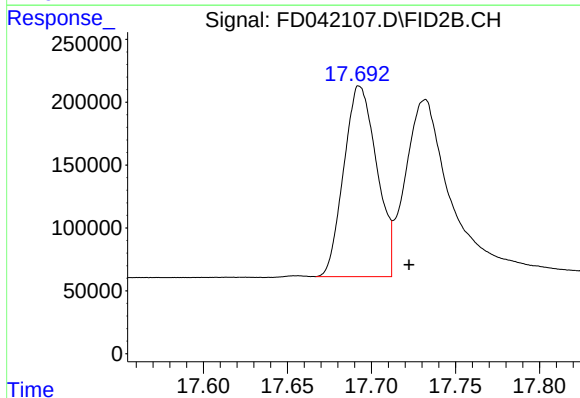
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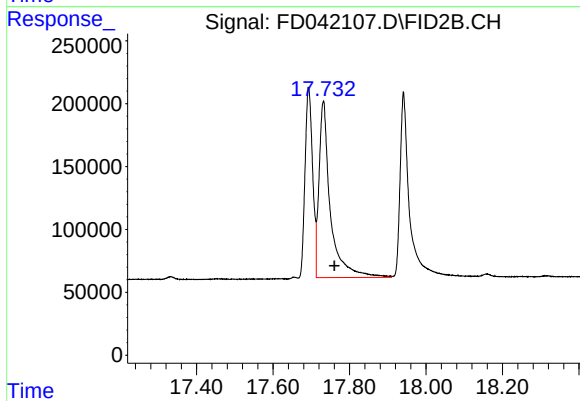
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.030 min
Response: 2423633
Conc: 16.43 ug/ml



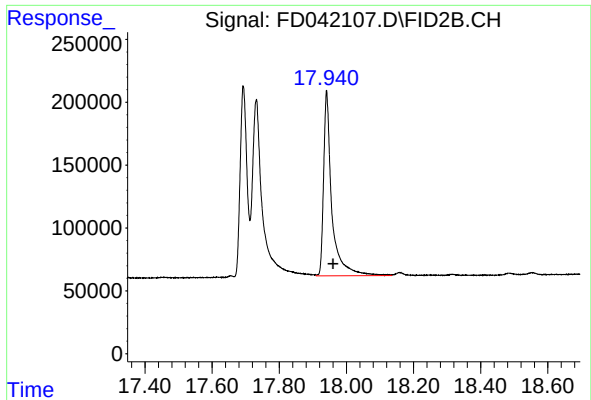
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.692 min
Delta R.T.: -0.031 min
Response: 2080204
Conc: 20.84 ug/ml m



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

R.T.: 17.732 min
Delta R.T.: -0.029 min
Response: 2904856
Conc: 18.51 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.019 min
Response: 2498916
Conc: 18.04 ug/ml

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