

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AR\
 Data File : FD042146.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 20:16
 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 03:33:45 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	2903910	20.717 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
6) S 2-Fluorobiphenyl (SURR)	8.180	1596121	22.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.80%
11) S ortho-Terphenyl (SURR)	11.204	3229373	18.631 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3237223	20.794 ug/ml
2) T Naphthalene (C11.7)	5.672	3338554	21.164 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	3178015	21.977 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3221603	19.548 ug/ml
7) T Acenaphthene (C15.5)	8.271	3818623	20.339 ug/ml
8) T Flouorene (C16.55)	9.050	3036146	19.933 ug/ml
9) T Phenanthrene (C19.36)	10.436	2844475	19.156 ug/ml
10) T Anthracene (C19.43)	10.512	2983815	17.823 ug/ml
12) T Fluoranthene (C21.85)	12.237	2902252	18.502 ug/ml
13) T Pyrene (C20.8)	12.529	3096601	18.985 ug/ml
14) T Benzo[a]anthracene (C...	14.401	2335730	19.526 ug/ml
15) T Chrysene (C27.41)	14.442	3138625	17.108 ug/ml
16) T benzo[b]fluoranthene ...	15.948	2417846	18.415 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.979	3050396	17.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	2497416	16.927 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.690	2162016	21.661 ug/mlm
20) T Dibenz[a,h]anthracene...	17.730	3016054	19.216 ug/ml
21) T Benzo[g,h,i]perylene ...	17.939	2505435	18.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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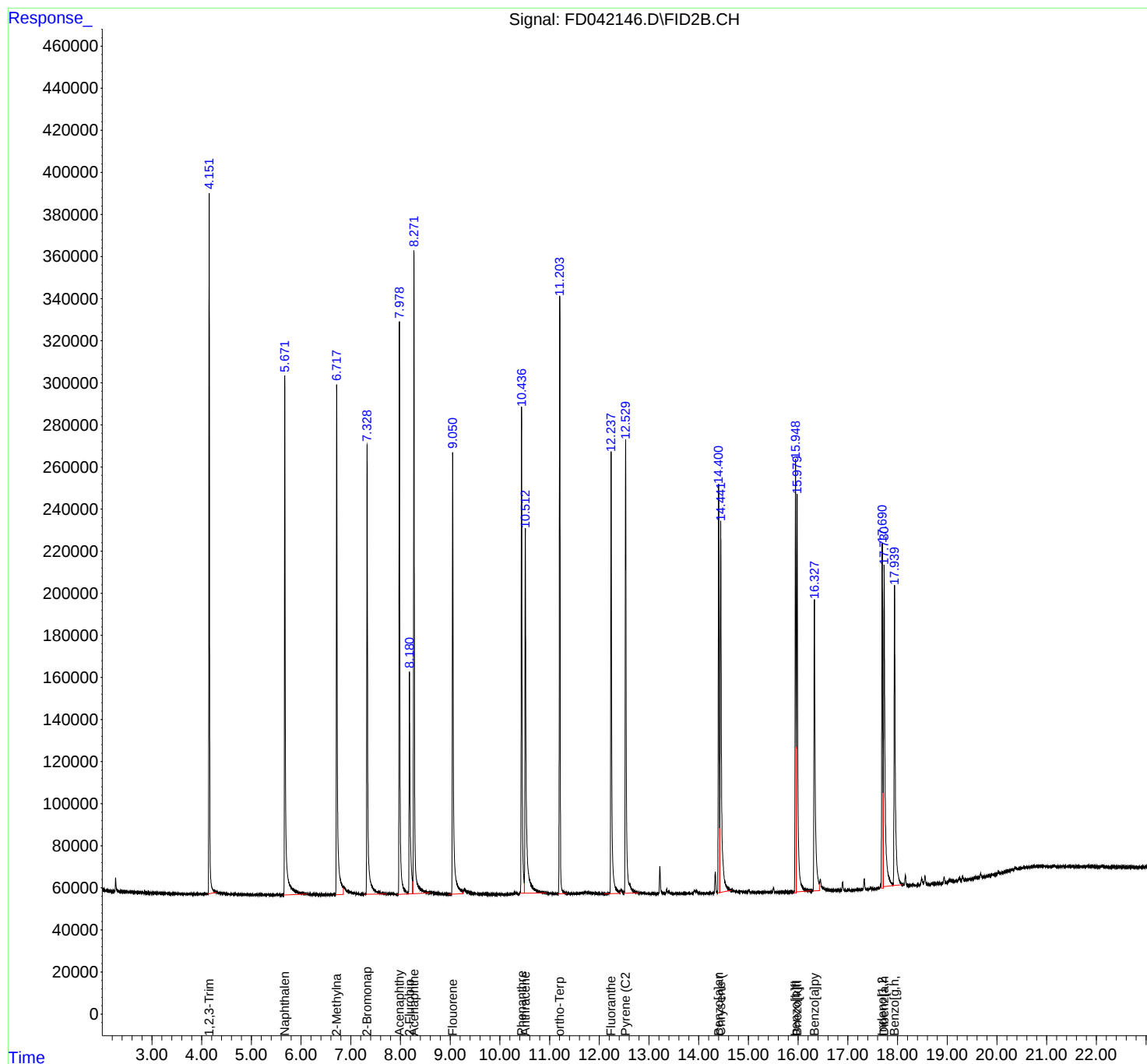
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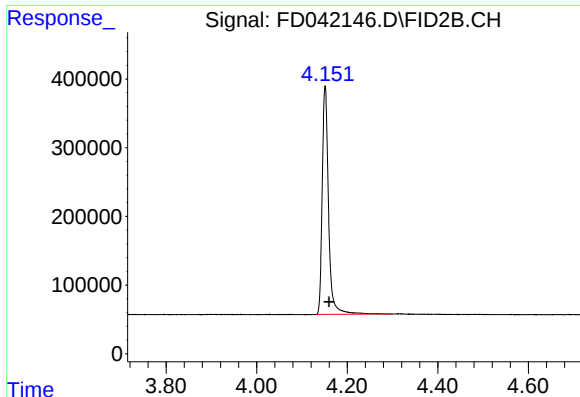
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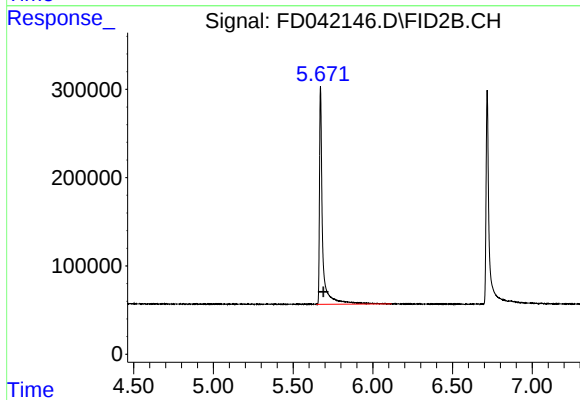
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 3237223
Conc: 20.79 ug/ml

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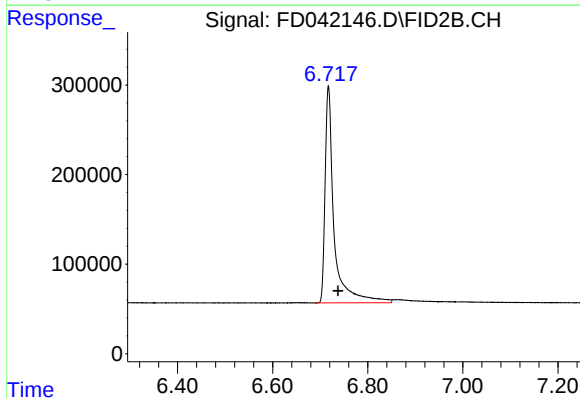
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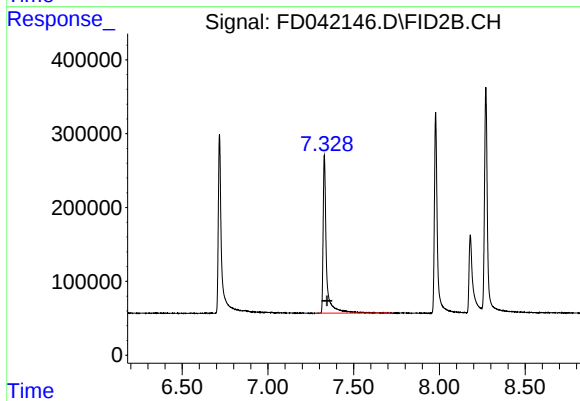
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.018 min
Response: 3338554
Conc: 21.16 ug/ml



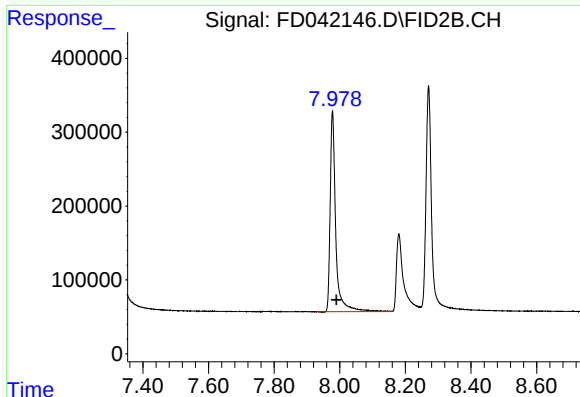
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.020 min
Response: 3178015
Conc: 21.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.016 min
Response: 2903910
Conc: 20.72 ug/ml



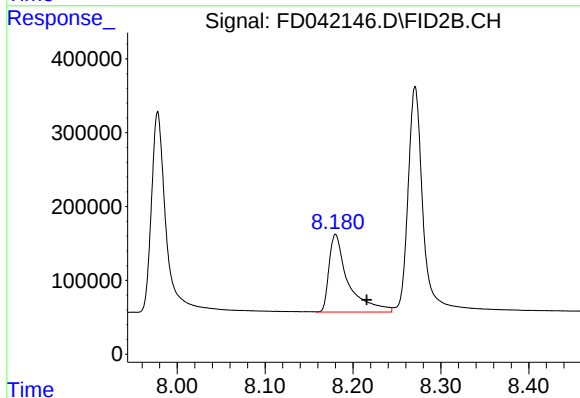
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.011 min
Response: 3221603
Conc: 19.55 ug/ml

Instrument :
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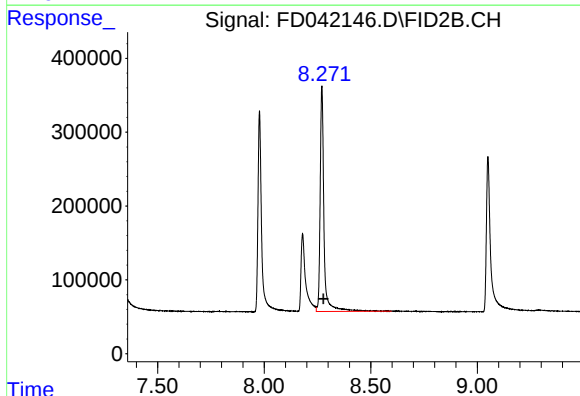
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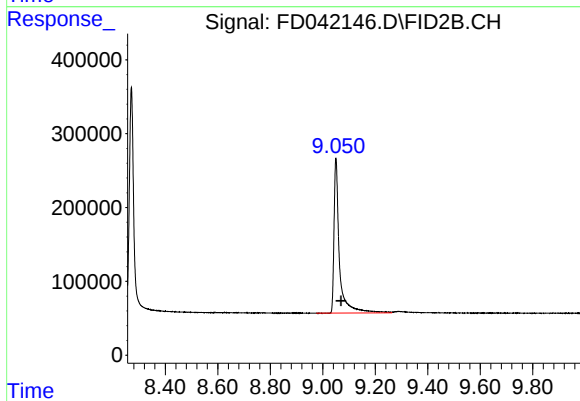
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.035 min
Response: 1596121
Conc: 22.40 ug/ml



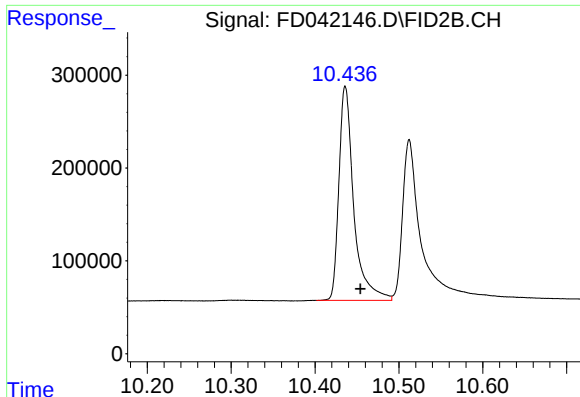
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 3818623
Conc: 20.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.019 min
Response: 3036146
Conc: 19.93 ug/ml



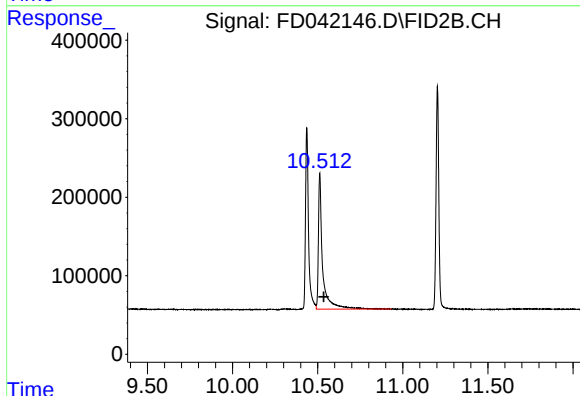
#9 Phenanthrene (C19.36)

R.T.: 10.436 min
Delta R.T.: -0.018 min
Response: 2844475
Conc: 19.16 ug/ml

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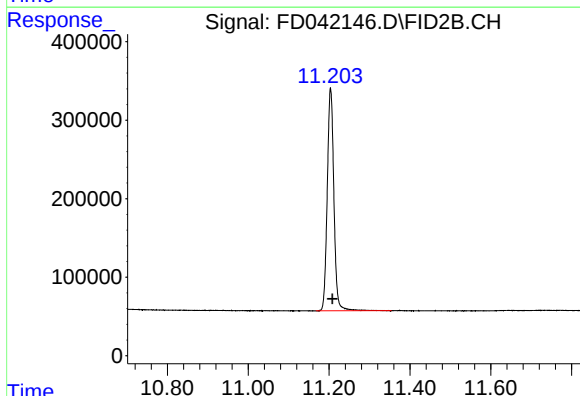
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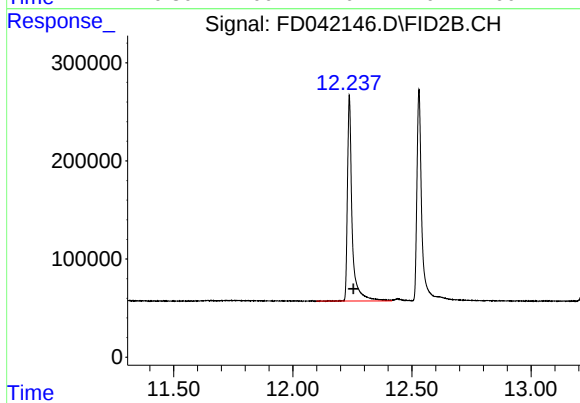
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.024 min
Response: 2983815
Conc: 17.82 ug/ml



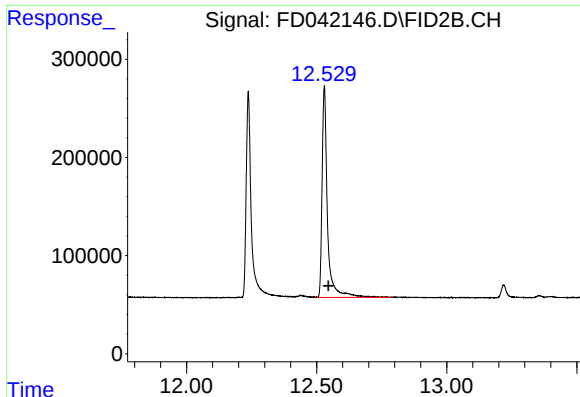
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.004 min
Response: 3229373
Conc: 18.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.237 min
Delta R.T.: -0.017 min
Response: 2902252
Conc: 18.50 ug/ml



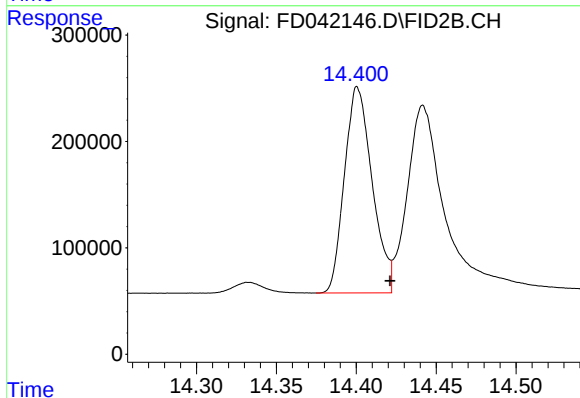
#13 Pyrene (C20.8)

R.T.: 12.529 min
 Delta R.T.: -0.015 min
 Response: 3096601
 Conc: 18.99 ug/ml

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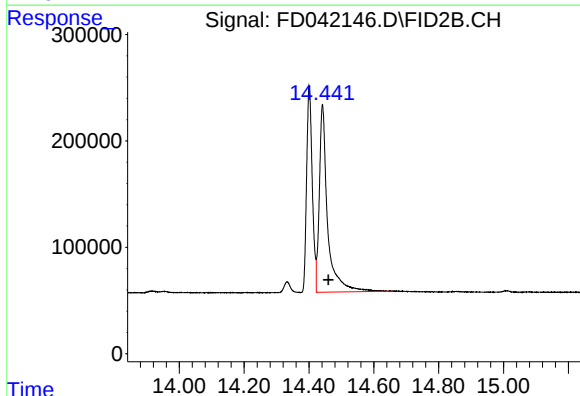
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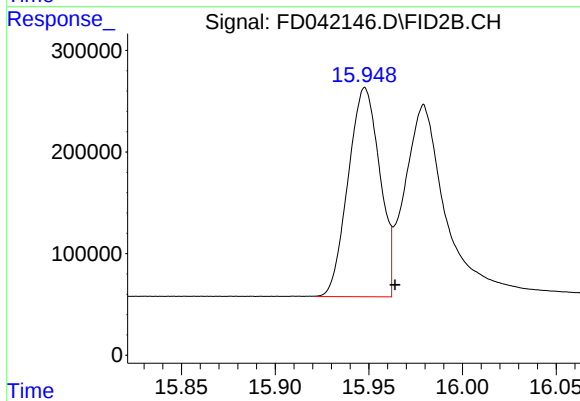
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.401 min
 Delta R.T.: -0.020 min
 Response: 2335730
 Conc: 19.53 ug/ml



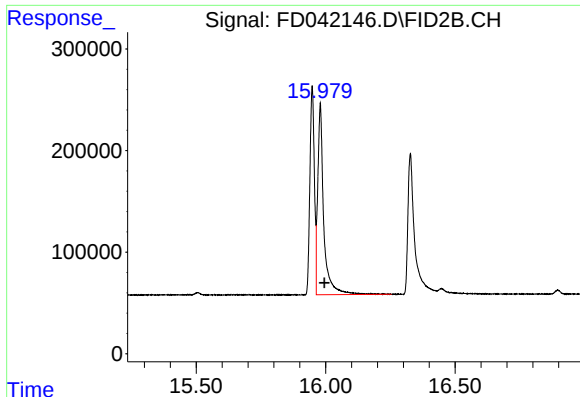
#15 Chrysene (C27.41)

R.T.: 14.442 min
 Delta R.T.: -0.018 min
 Response: 3138625
 Conc: 17.11 ug/ml



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

R.T.: 15.948 min
 Delta R.T.: -0.016 min
 Response: 2417846
 Conc: 18.41 ug/ml m



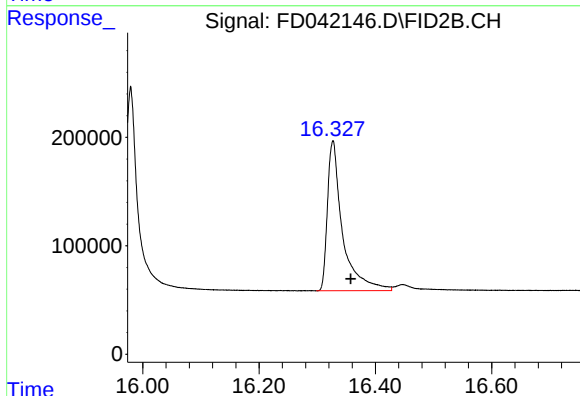
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.979 min
Delta R.T.: -0.016 min
Response: 3050396
Conc: 17.64 ug/ml

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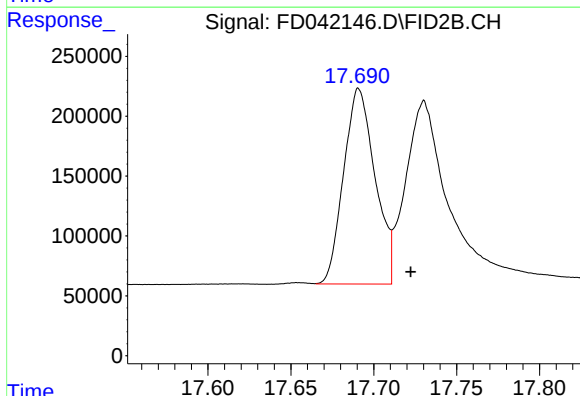
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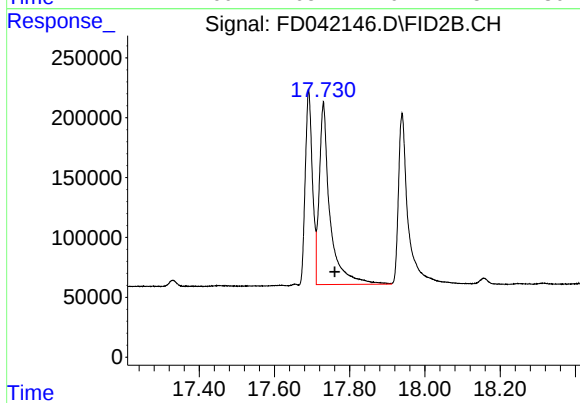
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.327 min
Delta R.T.: -0.031 min
Response: 2497416
Conc: 16.93 ug/ml



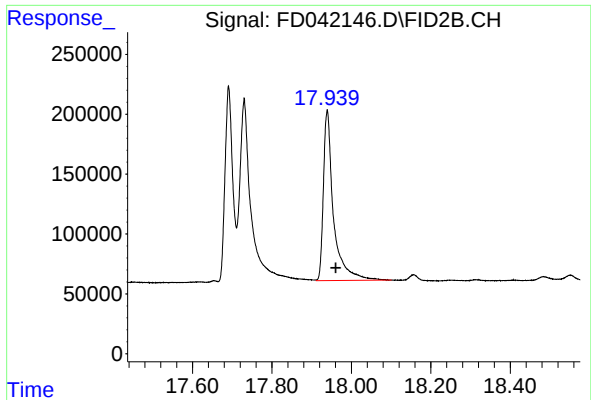
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.690 min
Delta R.T.: -0.032 min
Response: 2162016
Conc: 21.66 ug/ml m



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

R.T.: 17.730 min
Delta R.T.: -0.030 min
Response: 3016054
Conc: 19.22 ug/ml



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

R.T.: 17.939 min
Delta R.T.: -0.021 min
Response: 2505435
Conc: 18.09 ug/ml

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