

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042123.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 5:21
 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 05:41:51 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...	7.330	2840650	20.266 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.181	1567766	22.003 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.01%
11) S ortho-Terphenyl (SURR)	11.205	3169294	18.285 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3161542	20.308 ug/ml
2) T Naphthalene (C11.7)	5.673	3236150	20.515 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	3084601	21.331 ug/ml
5) T Acenaphthylene (C15.06)	7.979	3149387	19.110 ug/ml
7) T Acenaphthene (C15.5)	8.272	3728610	19.860 ug/ml
8) T Flouorene (C16.55)	9.052	2975648	19.536 ug/ml
9) T Phenanthrene (C19.36)	10.438	2782042	18.736 ug/ml
10) T Anthracene (C19.43)	10.514	2978547	17.792 ug/ml
12) T Fluoranthene (C21.85)	12.239	2849244	18.164 ug/ml
13) T Pyrene (C20.8)	12.531	2910855	17.847 ug/mlm
14) T Benzo[a]anthracene (C...	14.402	2328085	19.463 ug/ml
15) T Chrysene (C27.41)	14.442	3205330	17.471 ug/ml
16) T benzo[b]fluoranthene ...	15.949	2409044	18.348 ug/ml
17) T Bnezo[k]fluoranthene ...	15.980	3016059	17.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	2468749	16.732 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.693	2100780	21.047 ug/mlm
20) T Dibenz[a,h]anthracene...	17.731	2960012	18.859 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	2534105	18.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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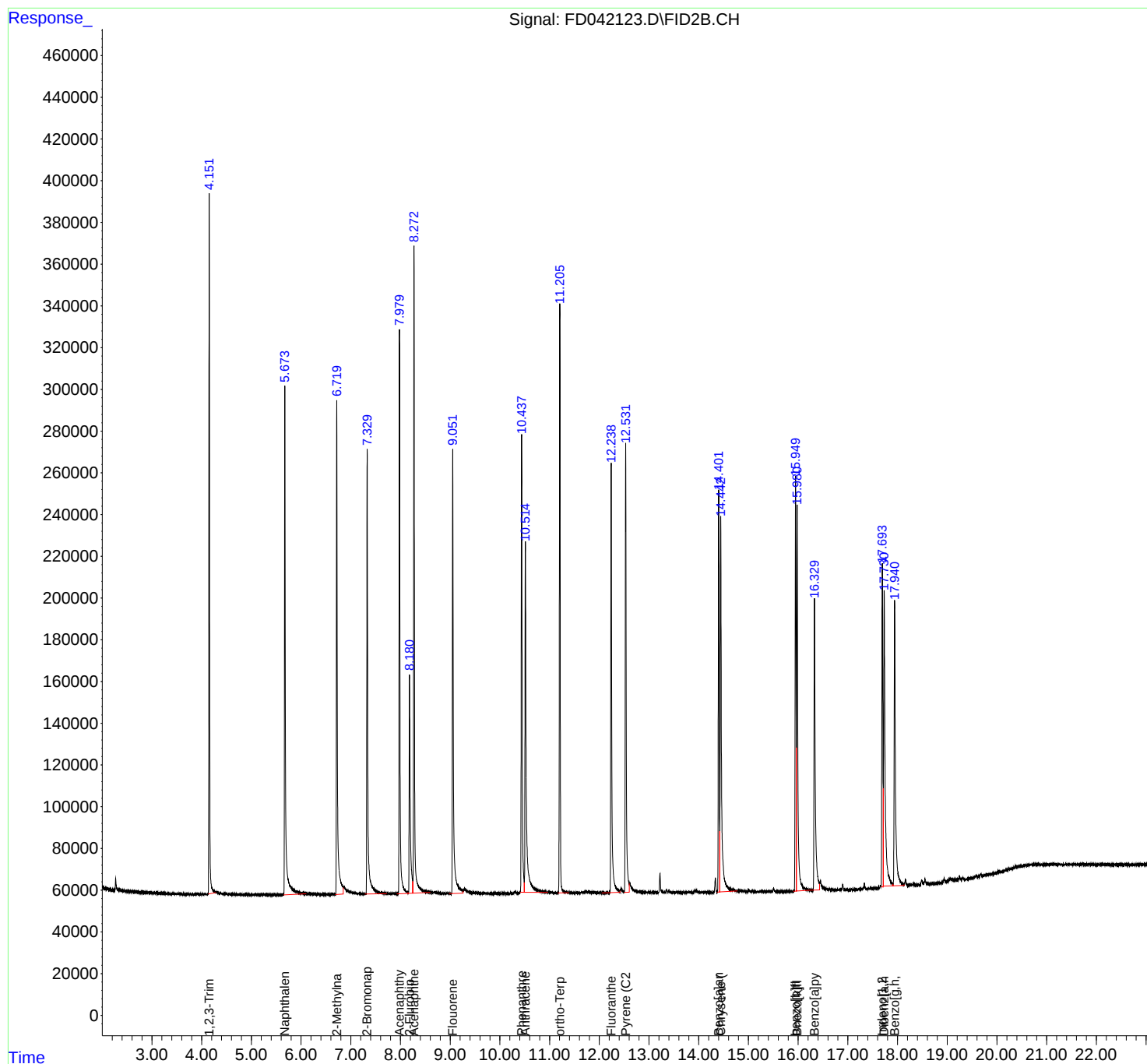
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20 PPM AROMATIC HC STD

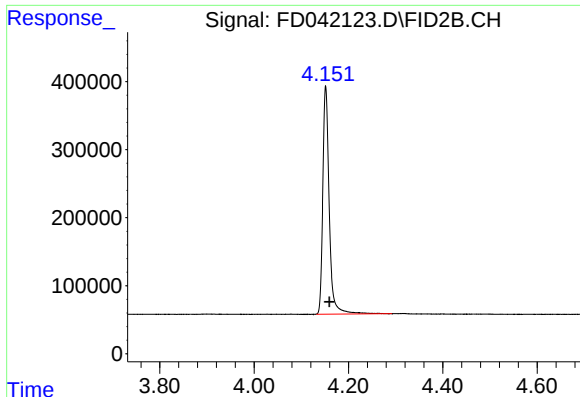
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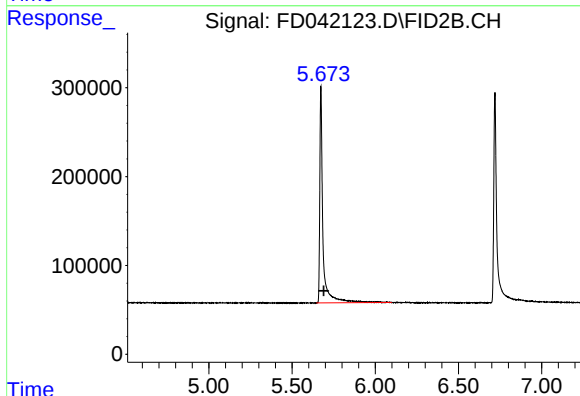
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 3161542
Conc: 20.31 ug/ml

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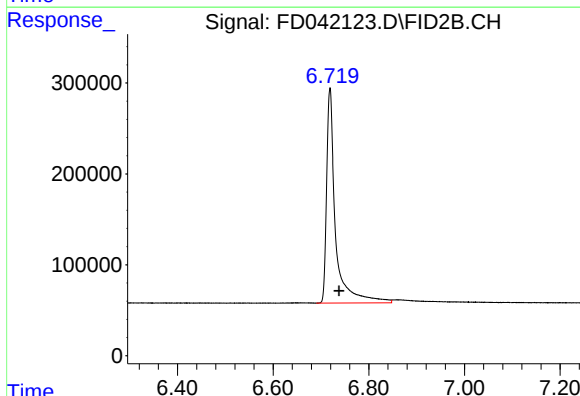
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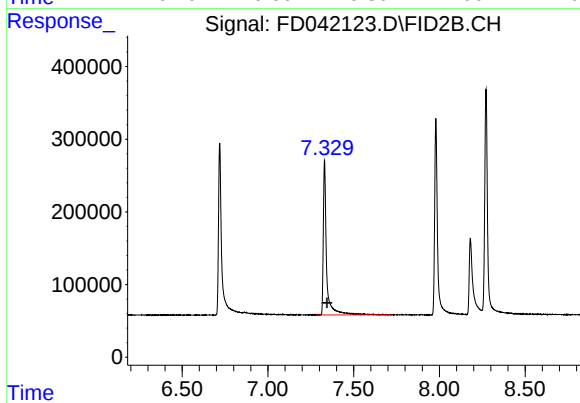
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.017 min
Response: 3236150
Conc: 20.51 ug/ml



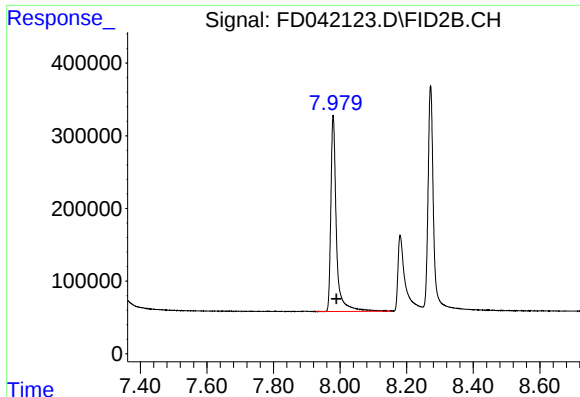
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.019 min
Response: 3084601
Conc: 21.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.015 min
Response: 2840650
Conc: 20.27 ug/ml



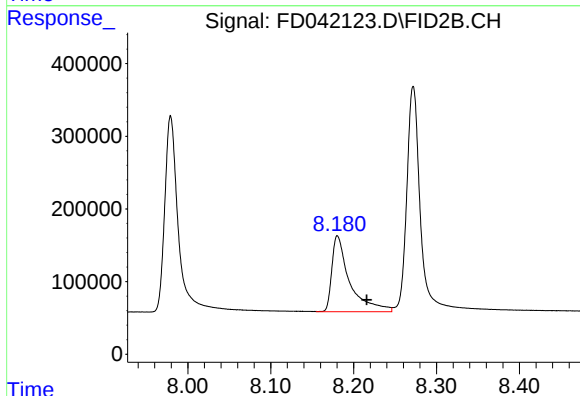
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: -0.010 min
Response: 3149387
Conc: 19.11 ug/ml

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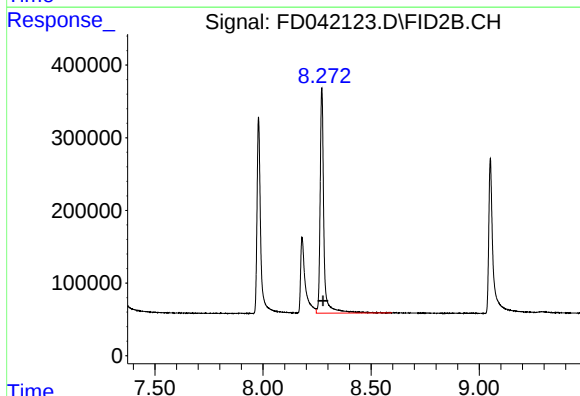
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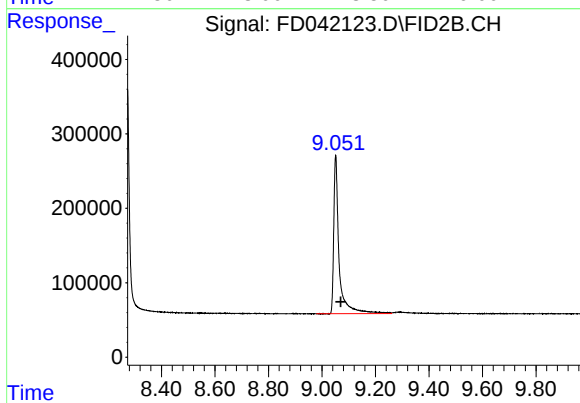
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.181 min
Delta R.T.: -0.035 min
Response: 1567766
Conc: 22.00 ug/ml



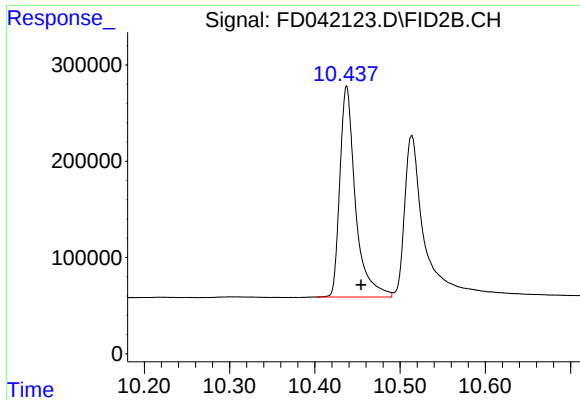
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 3728610
Conc: 19.86 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.052 min
Delta R.T.: -0.018 min
Response: 2975648
Conc: 19.54 ug/ml



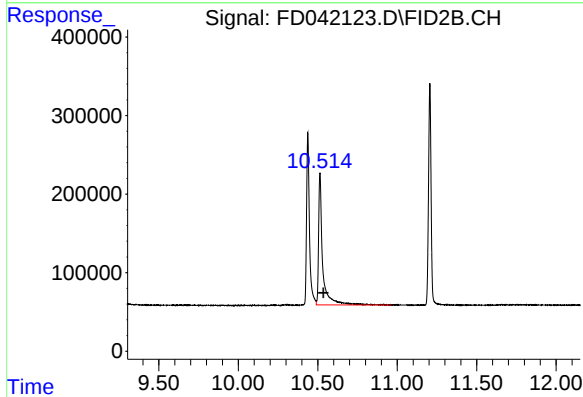
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.017 min
Response: 2782042
Conc: 18.74 ug/ml

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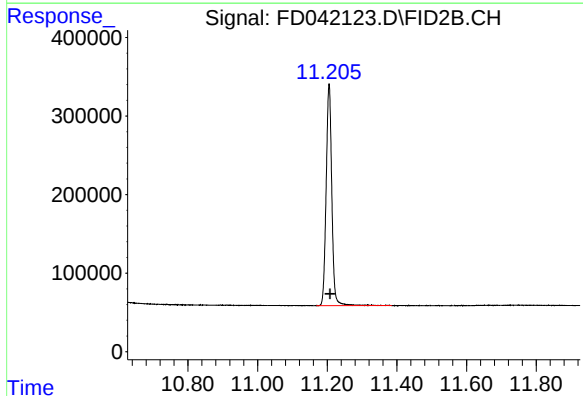
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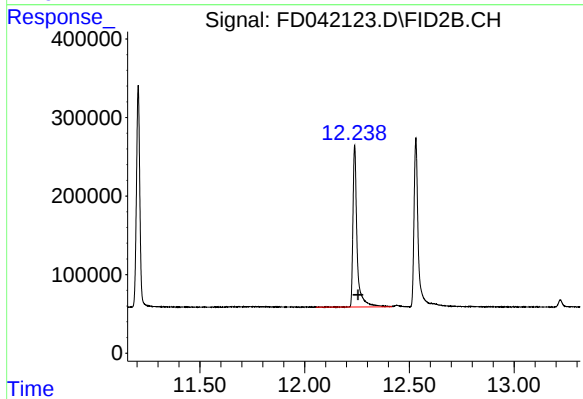
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.023 min
Response: 2978547
Conc: 17.79 ug/ml



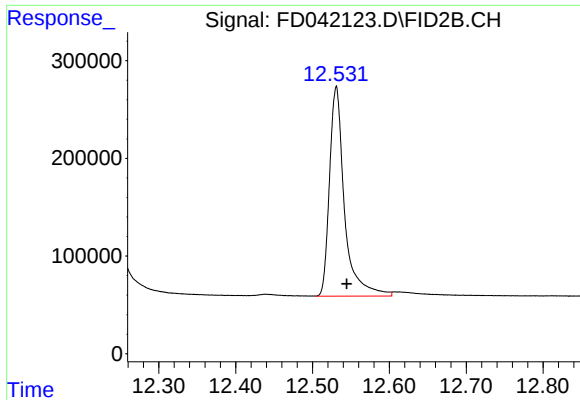
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3169294
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 2849244
Conc: 18.16 ug/ml



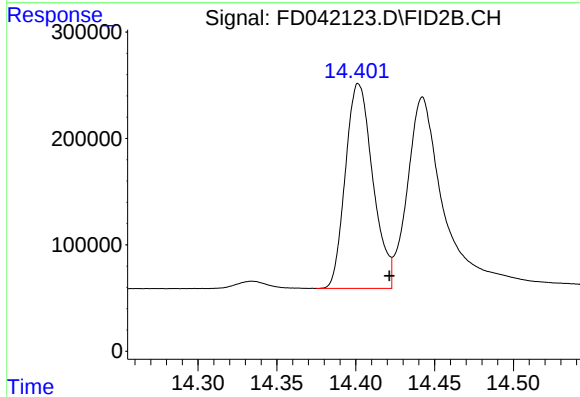
#13 Pyrene (C20.8)

R.T.: 12.531 min
Delta R.T.: -0.014 min
Response: 2910855
Conc: 17.85 ug/ml

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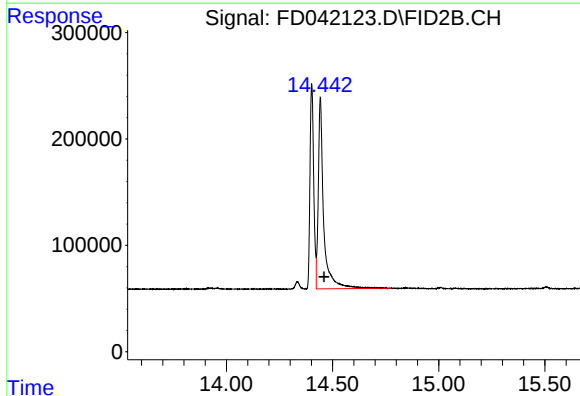
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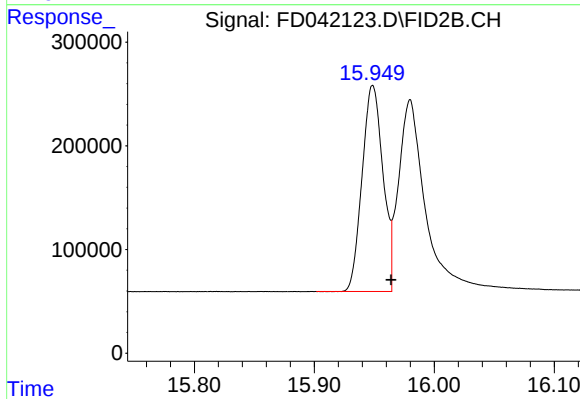
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 2328085
Conc: 19.46 ug/ml



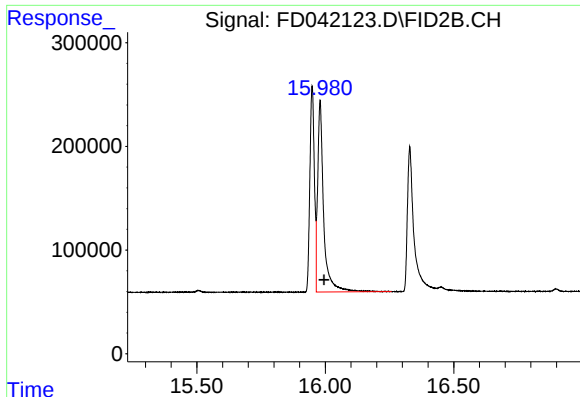
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.017 min
Response: 3205330
Conc: 17.47 ug/ml



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

R.T.: 15.949 min
Delta R.T.: -0.015 min
Response: 2409044
Conc: 18.35 ug/ml



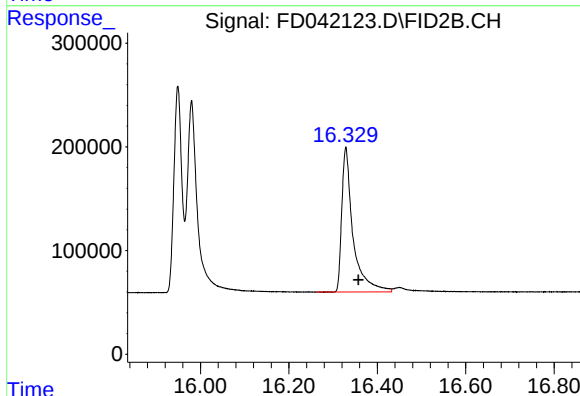
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.015 min
Response: 3016059
Conc: 17.45 ug/ml

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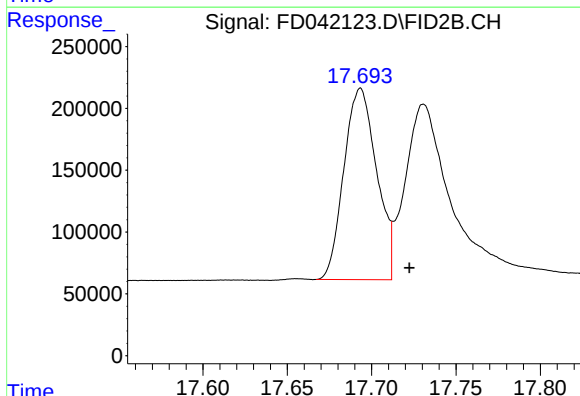
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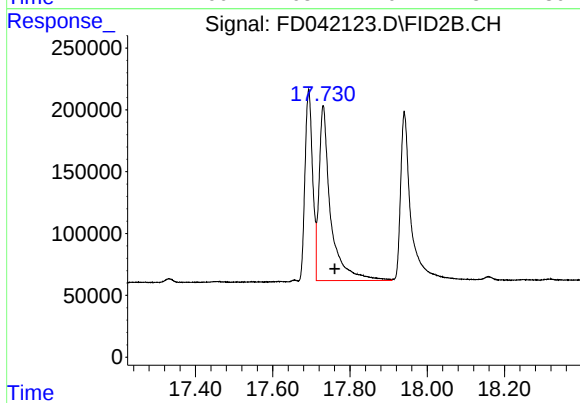
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.329 min
Delta R.T.: -0.029 min
Response: 2468749
Conc: 16.73 ug/ml



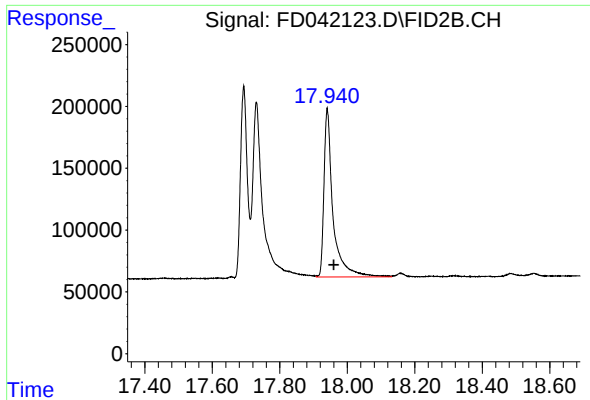
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.693 min
Delta R.T.: -0.029 min
Response: 2100780
Conc: 21.05 ug/ml m



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

R.T.: 17.731 min
Delta R.T.: -0.030 min
Response: 2960012
Conc: 18.86 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.019 min
Response: 2534105
Conc: 18.30 ug/ml

Instrument :

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