

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042132.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 10:58
 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 12:24:40 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	2889378	20.614 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
6) S 2-Fluorobiphenyl (SURR)	8.180	1610420	22.602 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.20%
11) S ortho-Terphenyl (SURR)	11.205	3232670	18.650 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3130472	20.108 ug/ml
2) T Naphthalene (C11.7)	5.673	3170091	20.096 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	3102922	21.458 ug/ml
5) T Acenaphthylene (C15.06)	7.979	3213643	19.500 ug/ml
7) T Acenaphthene (C15.5)	8.272	3827814	20.388 ug/ml
8) T Flouorene (C16.55)	9.051	2966402	19.475 ug/ml
9) T Phenanthrene (C19.36)	10.437	2871857	19.341 ug/ml
10) T Anthracene (C19.43)	10.513	3107317	18.561 ug/ml
12) T Fluoranthene (C21.85)	12.239	2940911	18.749 ug/ml
13) T Pyrene (C20.8)	12.531	3188175	19.547 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2400244	20.066 ug/ml
15) T Chrysene (C27.41)	14.443	3254170	17.738 ug/ml
16) T benzo[b]fluoranthene ...	15.949	2510685	19.122 ug/ml
17) T Bnezo[k]fluoranthene ...	15.980	3109806	17.988 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	2594934	17.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.693	2178573	21.827 ug/mlm
20) T Dibenz[a,h]anthracene...	17.731	3334318	21.244 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	2919765	21.083 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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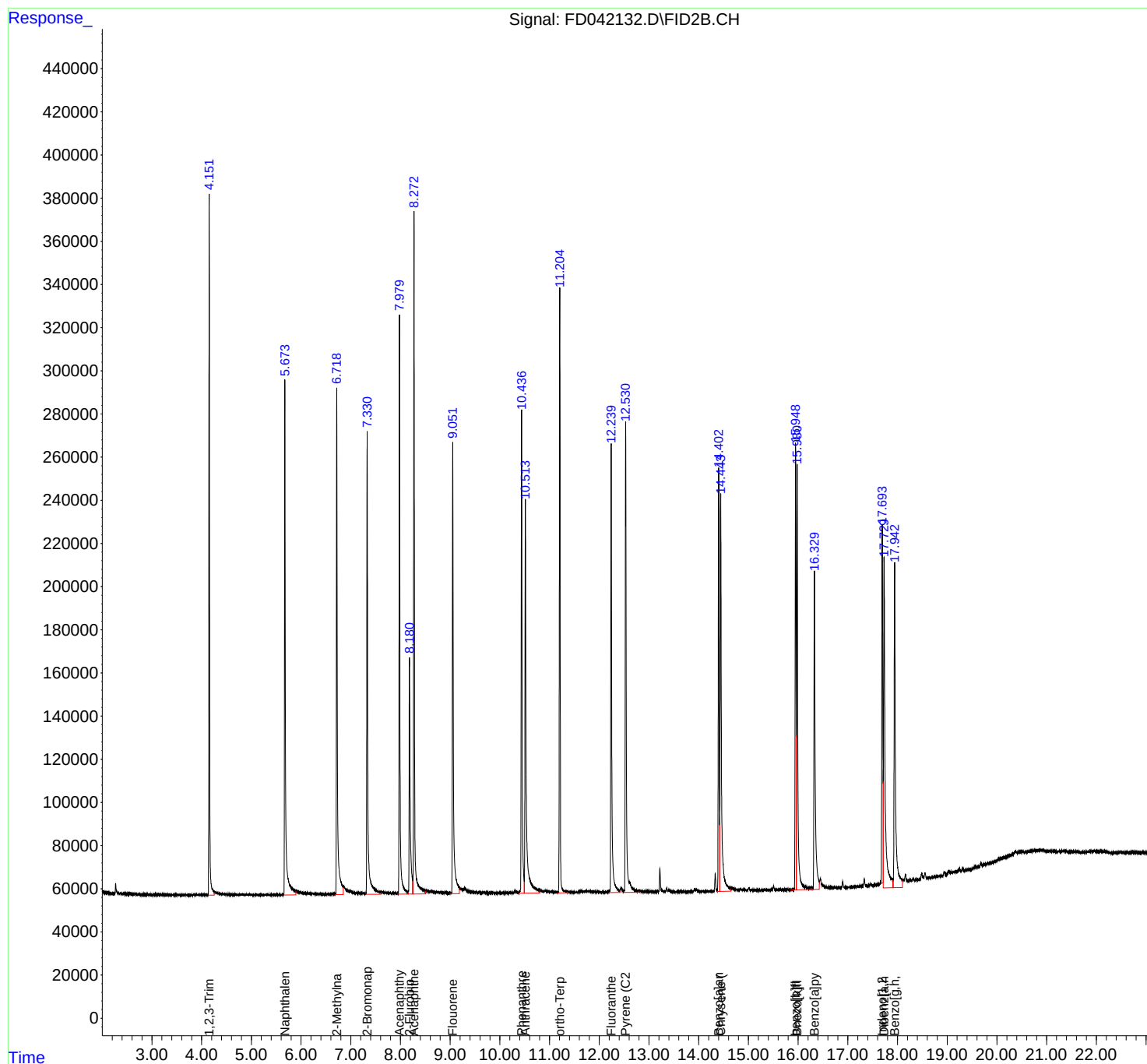
Instrument :
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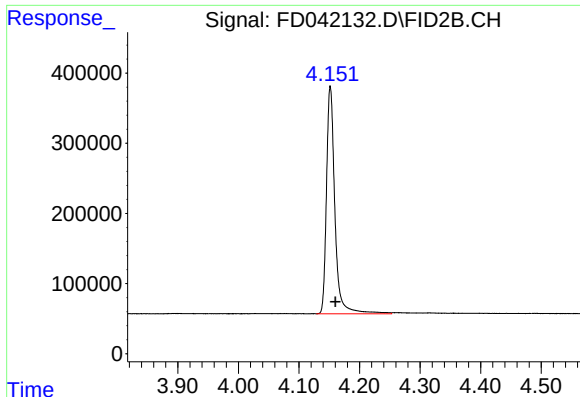
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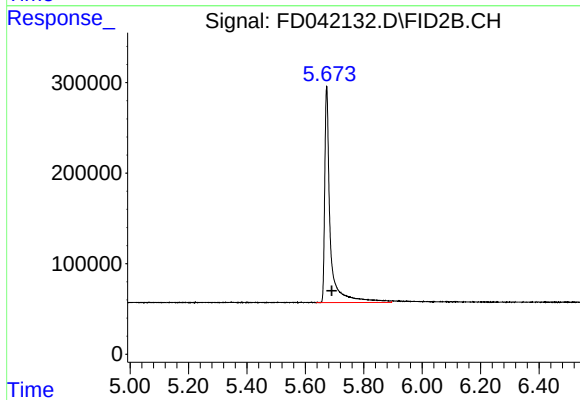
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 3130472
Conc: 20.11 ug/ml

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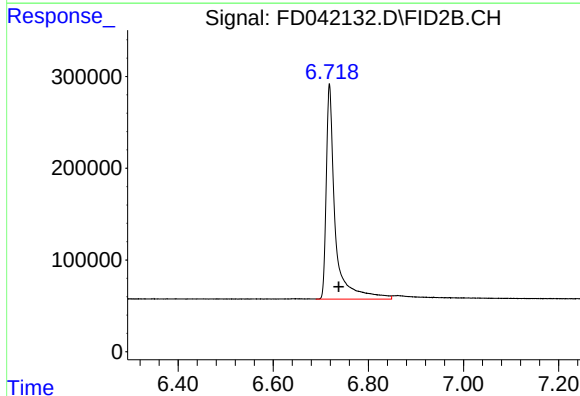
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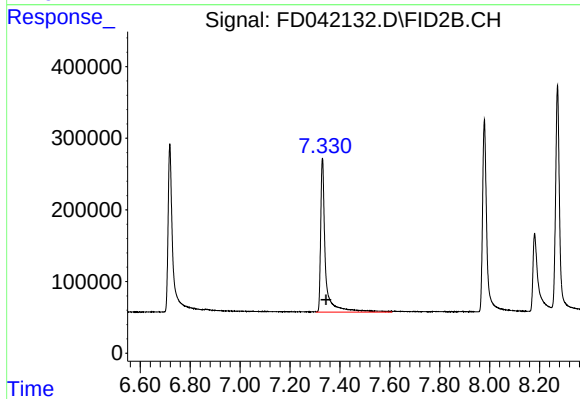
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.017 min
Response: 3170091
Conc: 20.10 ug/ml



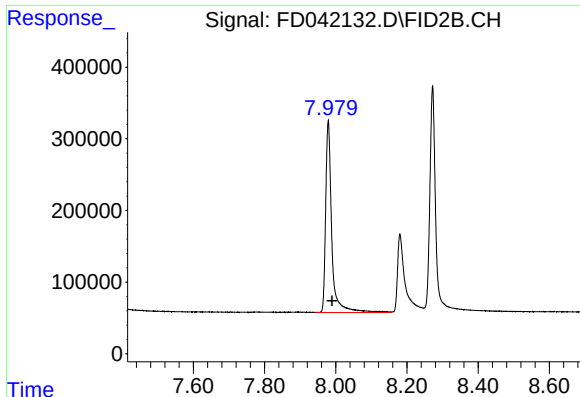
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.019 min
Response: 3102922
Conc: 21.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.015 min
Response: 2889378
Conc: 20.61 ug/ml



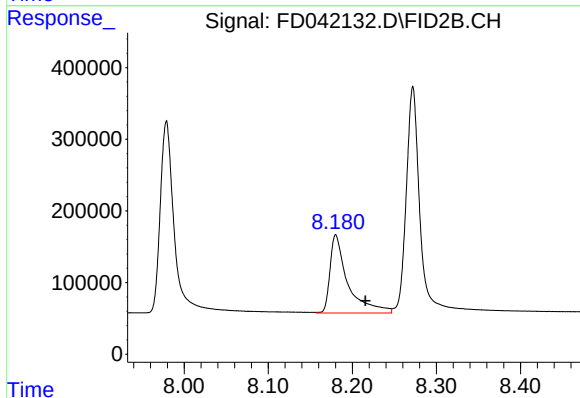
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: -0.010 min
Response: 3213643
Conc: 19.50 ug/ml

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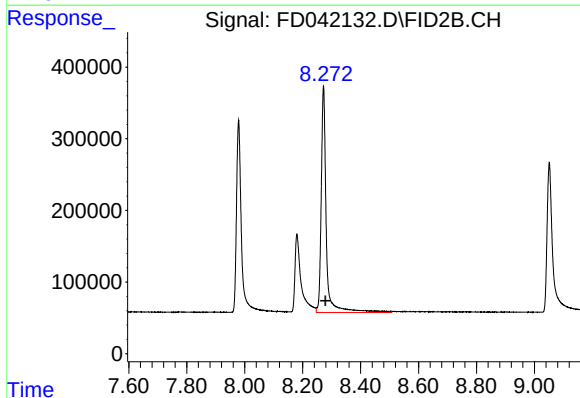
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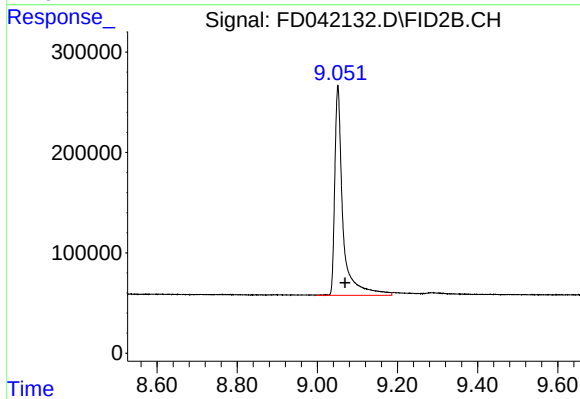
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.035 min
Response: 1610420
Conc: 22.60 ug/ml



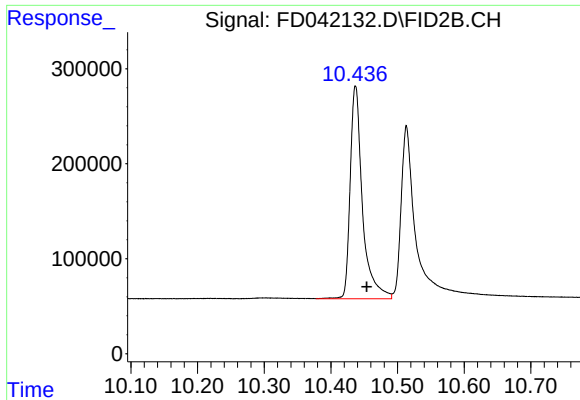
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 3827814
Conc: 20.39 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.018 min
Response: 2966402
Conc: 19.48 ug/ml



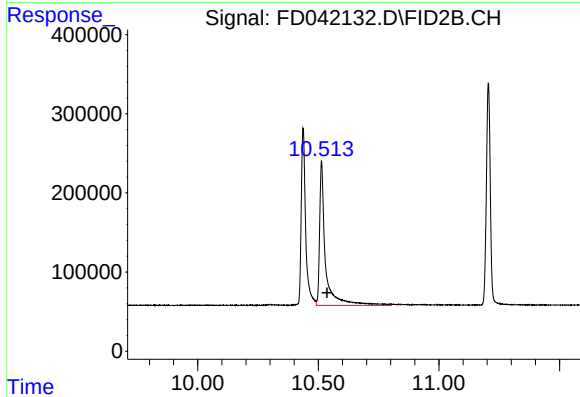
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.017 min
Response: 2871857
Conc: 19.34 ug/ml

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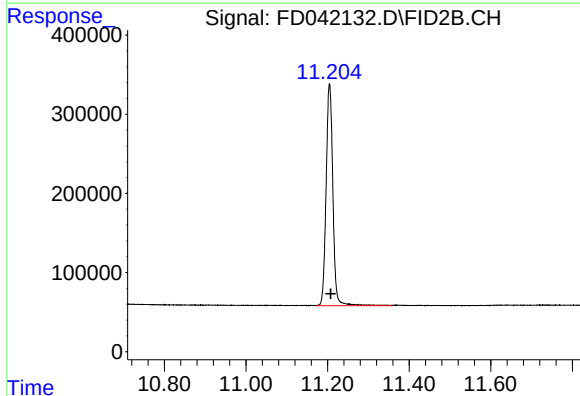
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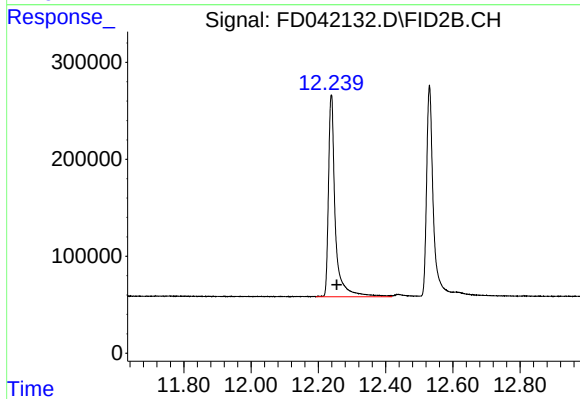
#10 Anthracene (C19.43)

R.T.: 10.513 min
Delta R.T.: -0.023 min
Response: 3107317
Conc: 18.56 ug/ml



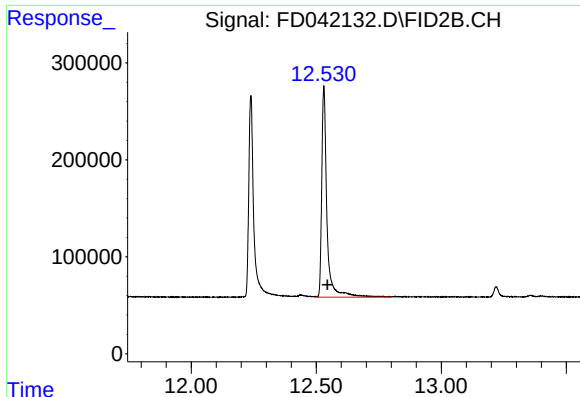
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3232670
Conc: 18.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 2940911
Conc: 18.75 ug/ml



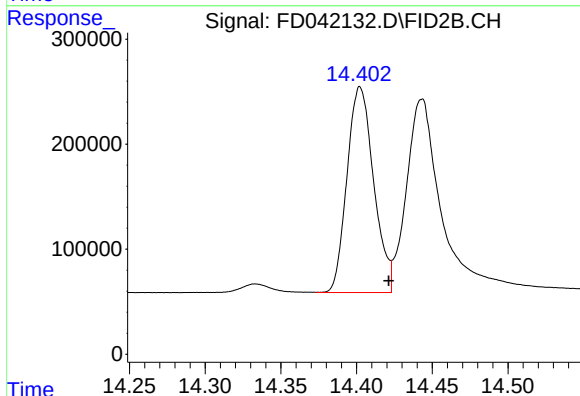
#13 Pyrene (C20.8)

R.T.: 12.531 min
Delta R.T.: -0.014 min
Response: 3188175
Conc: 19.55 ug/ml

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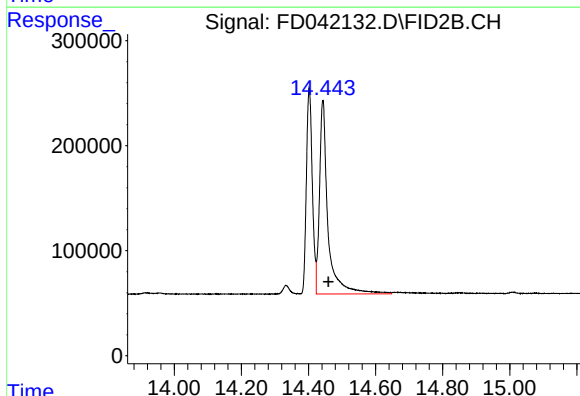
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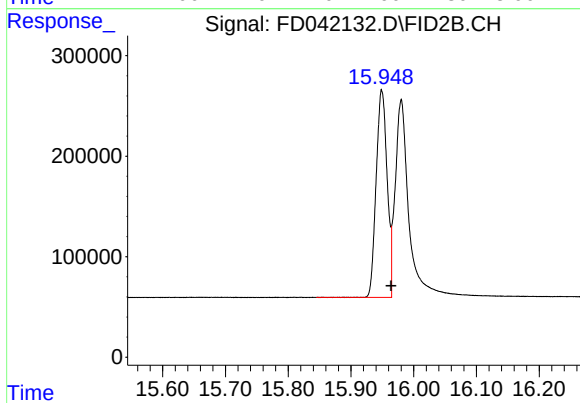
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 2400244
Conc: 20.07 ug/ml



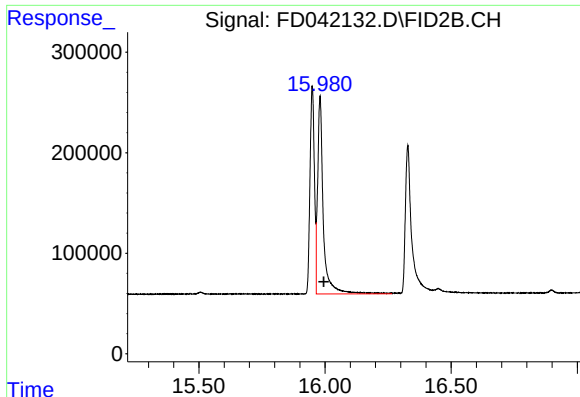
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.017 min
Response: 3254170
Conc: 17.74 ug/ml



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

R.T.: 15.949 min
Delta R.T.: -0.015 min
Response: 2510685
Conc: 19.12 ug/ml



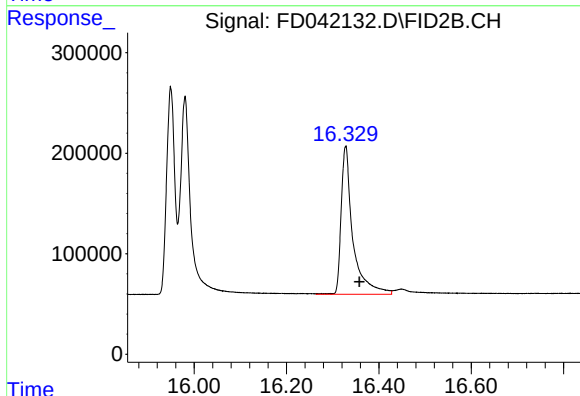
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.015 min
Response: 3109806
Conc: 17.99 ug/ml

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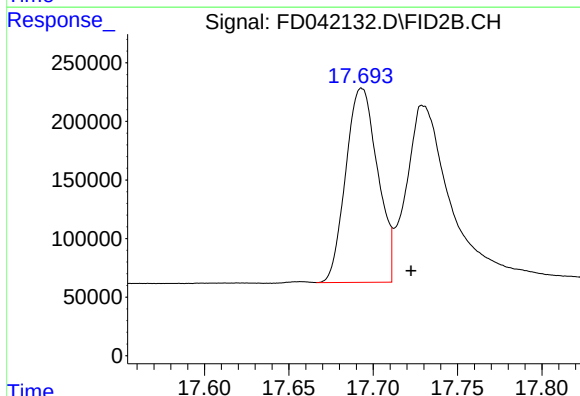
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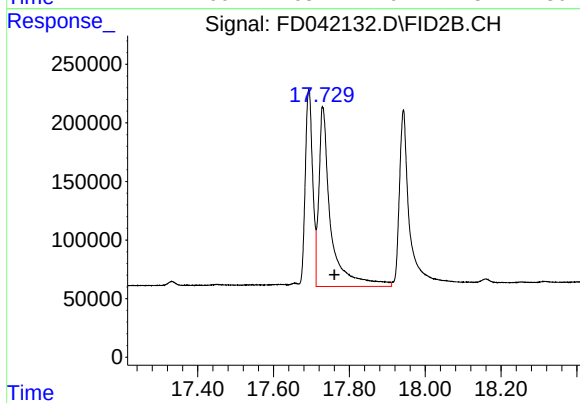
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.029 min
Response: 2594934
Conc: 17.59 ug/ml



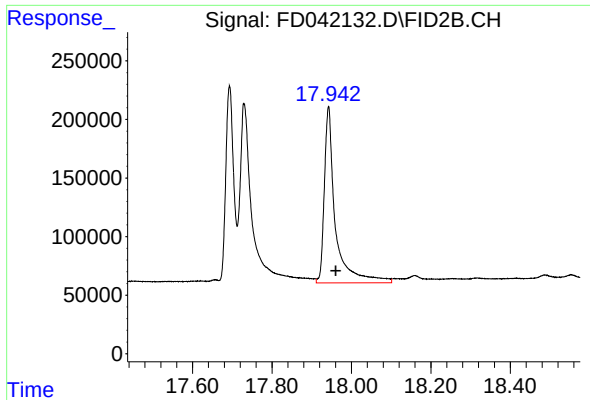
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.693 min
Delta R.T.: -0.030 min
Response: 2178573
Conc: 21.83 ug/ml m



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

R.T.: 17.731 min
Delta R.T.: -0.030 min
Response: 3334318
Conc: 21.24 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.018 min
Response: 2919765
Conc: 21.08 ug/ml

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