

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092922AR\
 Data File : FD044004.D
 Signal(s) : FID2B.ch
 Acq On : 29 Sep 2022 10:09
 Operator : YP/AJ
 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 09/30/2022
 Supervised By :Ankita Jodhani 09/30/2022

Integration File: autoint1.e
 Quant Time: Sep 29 18:11:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.420	2693756	20.473 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
6) S 2-Fluorobiphenyl (SURR)	8.274	1633430	22.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.29%
11) S ortho-Terphenyl (SURR)	11.302	3591046	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	3077467	20.478 ug/ml
2) T Naphthalene (C11.7)	5.762	3062134	21.504 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	3032344	20.728 ug/ml
5) T Acenaphthylene (C15.06)	8.075	2969340	19.243 ug/ml
7) T Acenaphthene (C15.5)	8.366	3335264	19.058 ug/ml
8) T Flouorene (C16.55)	9.145	2988061	20.329 ug/mlm
9) T Phenanthrene (C19.36)	10.537	2882187	19.917 ug/ml
10) T Anthracene (C19.43)	10.613	2522050	17.185 ug/ml
12) T Fluoranthene (C21.85)	12.341	2859152	18.641 ug/ml
13) T Pyrene (C20.8)	12.635	2815838	18.929 ug/ml
14) T Benzo[a]anthracene (C...	14.503	2245106	20.083 ug/ml
15) T Chrysene (C27.41)	14.544	2799857	17.915 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2408077	20.649 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	2690185	18.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	2282325	18.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	2243866	23.600 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	2615444	21.772 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	2485757	21.813 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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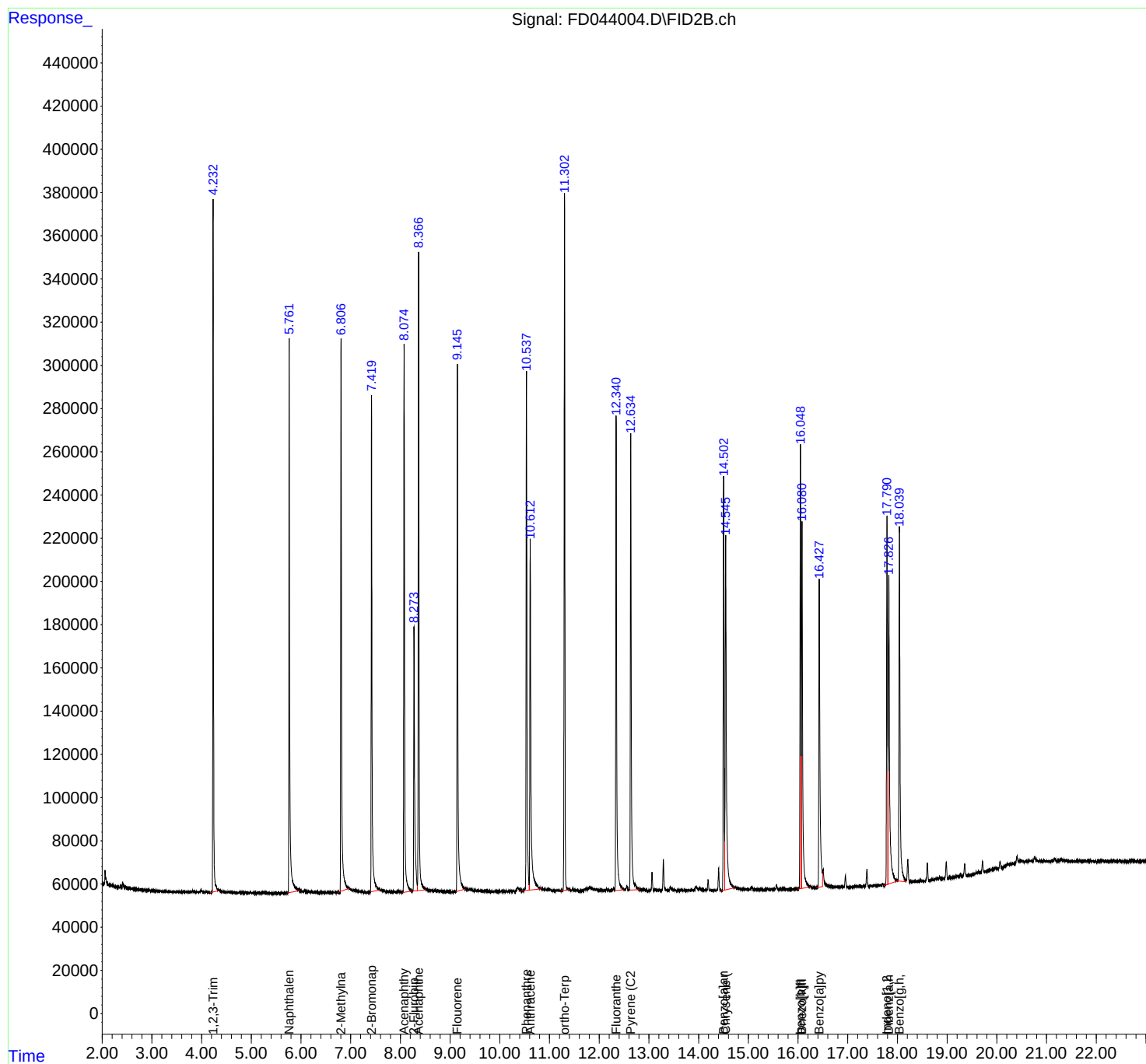
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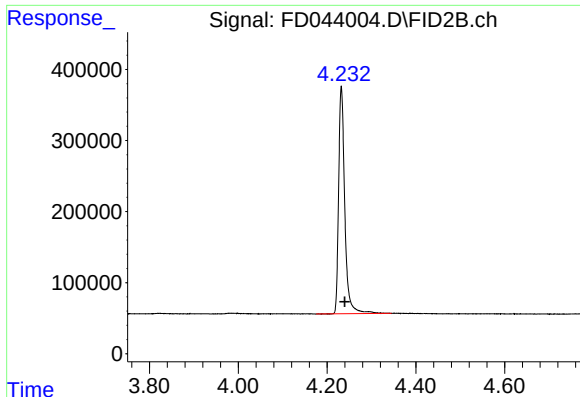
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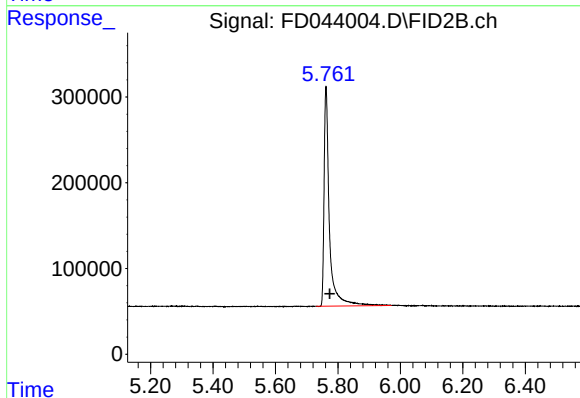
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 3077467
Conc: 20.48 ug/ml

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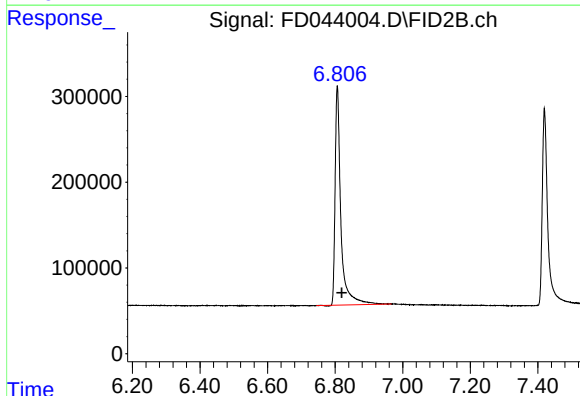
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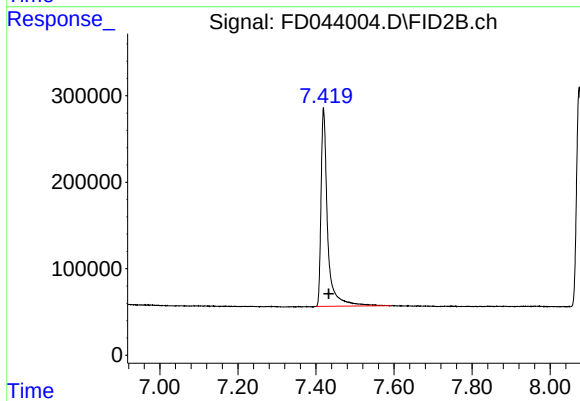
#2 Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.011 min
Response: 3062134
Conc: 21.50 ug/ml



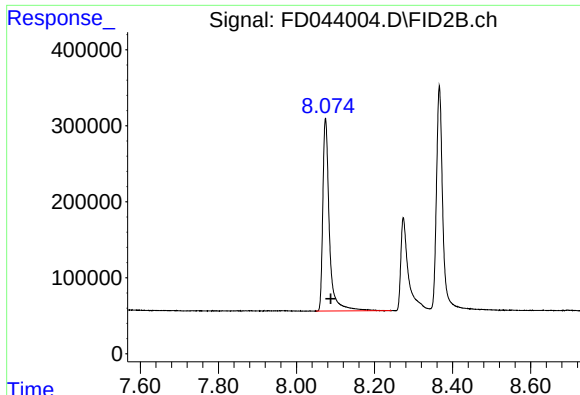
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.013 min
Response: 3032344
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.420 min
Delta R.T.: -0.013 min
Response: 2693756
Conc: 20.47 ug/ml



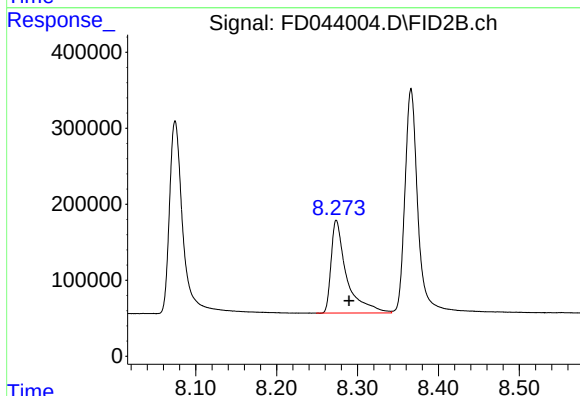
#5 Acenaphthylene (C15.06)

R.T.: 8.075 min
Delta R.T.: -0.013 min
Response: 2969340
Conc: 19.24 ug/ml

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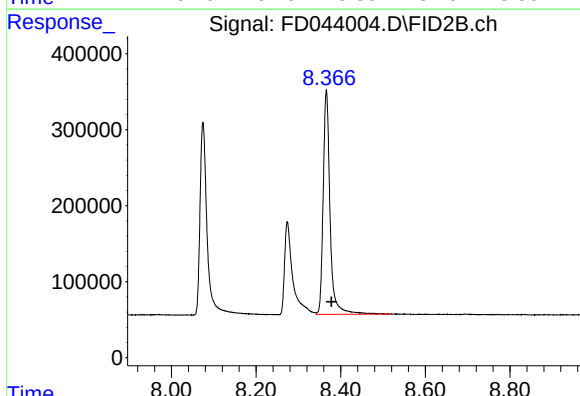
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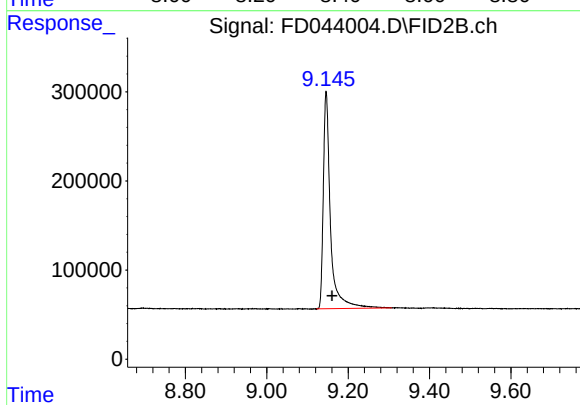
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.015 min
Response: 1633430
Conc: 22.64 ug/ml



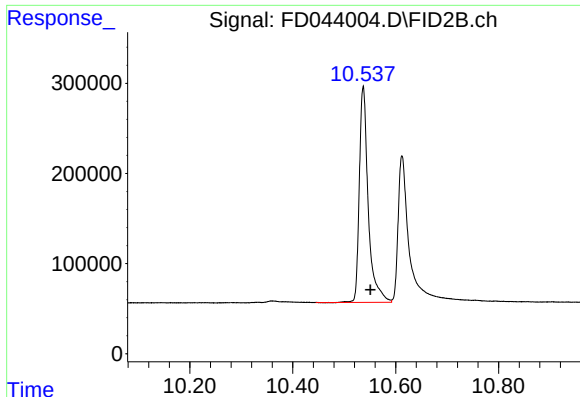
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.012 min
Response: 3335264
Conc: 19.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.145 min
Delta R.T.: -0.015 min
Response: 2988061
Conc: 20.33 ug/ml m



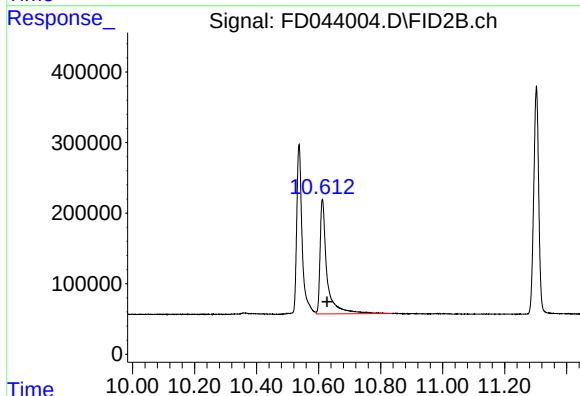
#9 Phenanthrene (C19.36)

R.T.: 10.537 min
Delta R.T.: -0.014 min
Response: 2882187
Conc: 19.92 ug/ml

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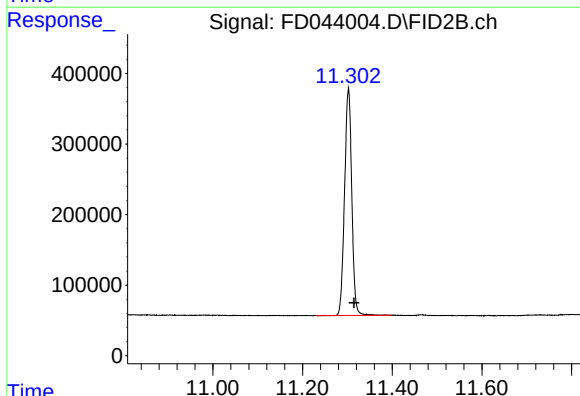
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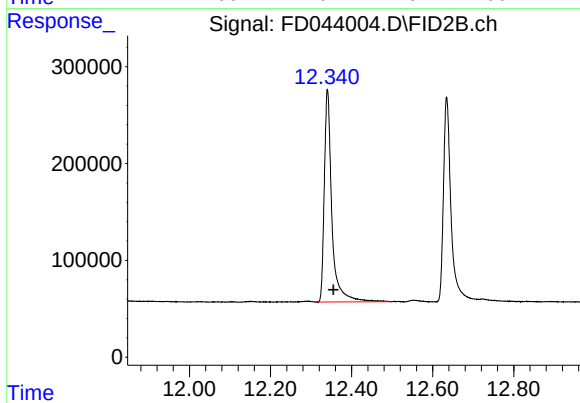
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.015 min
Response: 2522050
Conc: 17.19 ug/ml



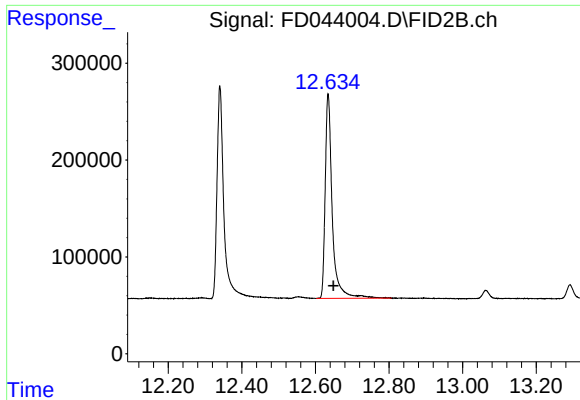
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.013 min
Response: 3591046
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.341 min
Delta R.T.: -0.015 min
Response: 2859152
Conc: 18.64 ug/ml



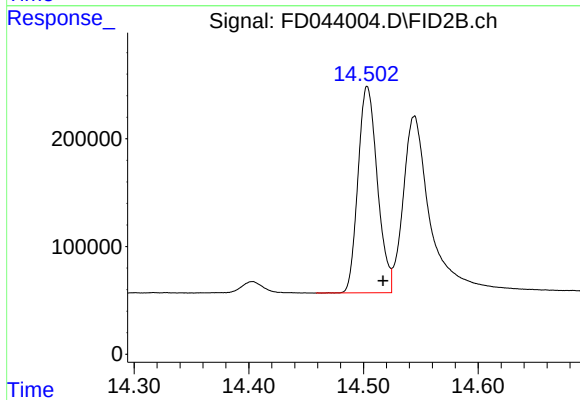
#13 Pyrene (C20.8)

R.T.: 12.635 min
Delta R.T.: -0.014 min
Response: 2815838
Conc: 18.93 ug/ml

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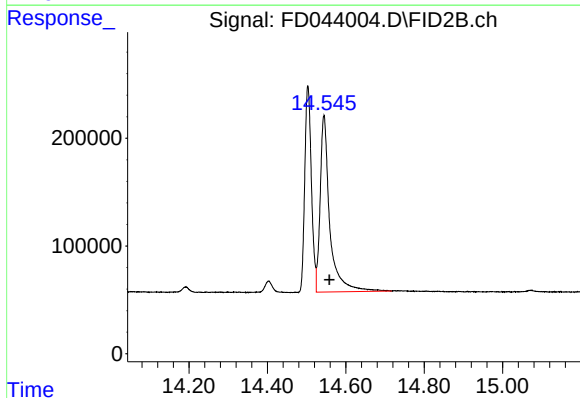
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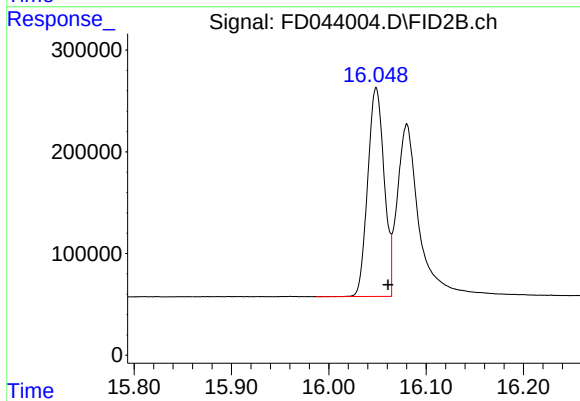
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.014 min
Response: 2245106
Conc: 20.08 ug/ml



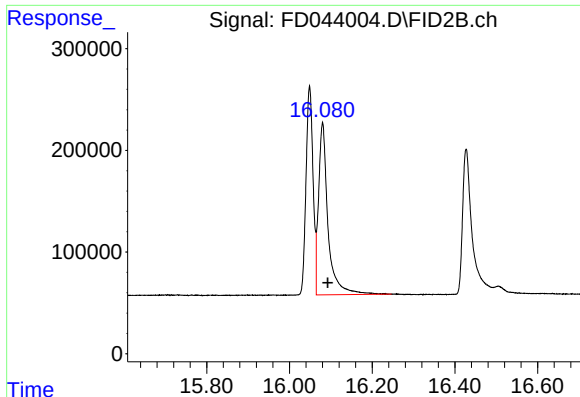
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.014 min
Response: 2799857
Conc: 17.92 ug/ml



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

R.T.: 16.049 min
Delta R.T.: -0.012 min
Response: 2408077
Conc: 20.65 ug/ml



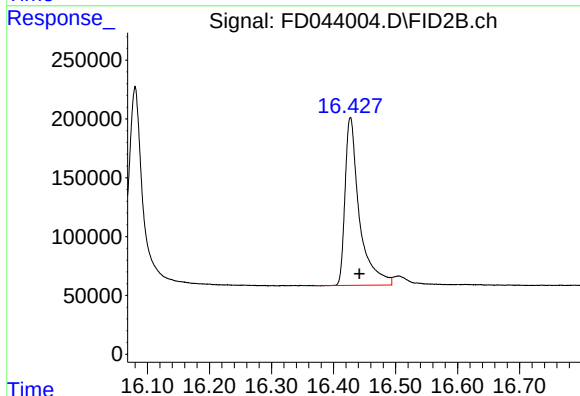
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.080 min
Delta R.T.: -0.012 min
Response: 2690185
Conc: 18.12 ug/ml

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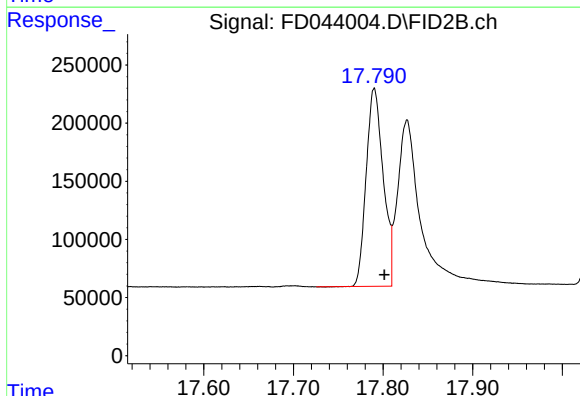
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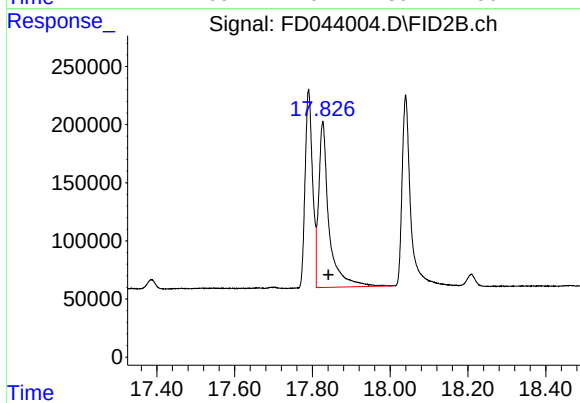
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.014 min
Response: 2282325
Conc: 18.84 ug/ml



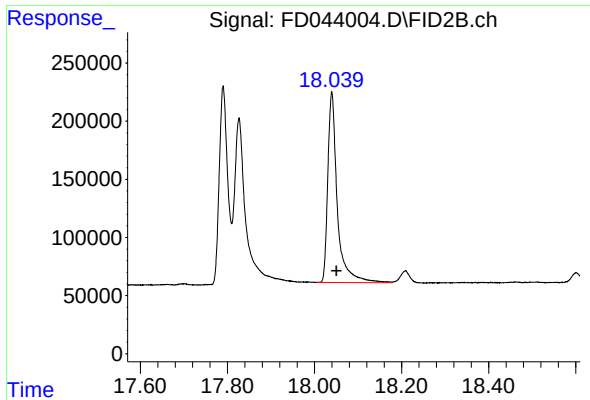
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.011 min
Response: 2243866
Conc: 23.60 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.014 min
Response: 2615444
Conc: 21.77 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.010 min
Response: 2485757
Conc: 21.81 ug/ml

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