

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
 Data File : FD040362.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 19:45
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 00:43:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 2021
 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...	6.793	3002917	22.854 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
6) S 2-Fluorobiphenyl (SURR)	7.641	1948507	22.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.90%
11) S ortho-Terphenyl (SURR)	10.674	3226294	23.090 ug/ml
Spiked Amount 50.000		Recovery =	46.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.649	3410079	22.674 ug/mlm
2) T Naphthalene (C11.7)	5.144	3433741	22.761 ug/ml
3) T 2-Methylnaphthalene (...)	6.184	3428078	22.831 ug/ml
5) T Acenaphthylene (C15.06)	7.446	3126731	22.967 ug/ml
7) T Acenaphthene (C15.5)	7.740	3357195	23.110 ug/ml
8) T Flouorene (C16.55)	8.516	3173285	22.980 ug/ml
9) T Phenanthrene (C19.36)	9.902	3096090	22.966 ug/ml
10) T Anthracene (C19.43)	9.975	2908911	23.130 ug/ml
12) T Fluoranthene (C21.85)	11.702	3078535	22.922 ug/ml
13) T Pyrene (C20.8)	11.996	3026610	23.169 ug/ml
14) T Benzo[a]anthracene (C...	13.861	2809104	24.042 ug/mlm
15) T Chrysene (C27.41)	13.903	2983993	23.867 ug/ml
16) T benzo[b]fluoranthene ...	15.404	2822441	22.755 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.437	2910605	23.424 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.780	2730330	22.681 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.135	2087619	17.987 ug/mlm
20) T Dibenz[a,h]anthracene...	17.179	2300897	20.244 ug/ml
21) T Benzo[g,h,i]perylene ...	17.389	2295094	18.806 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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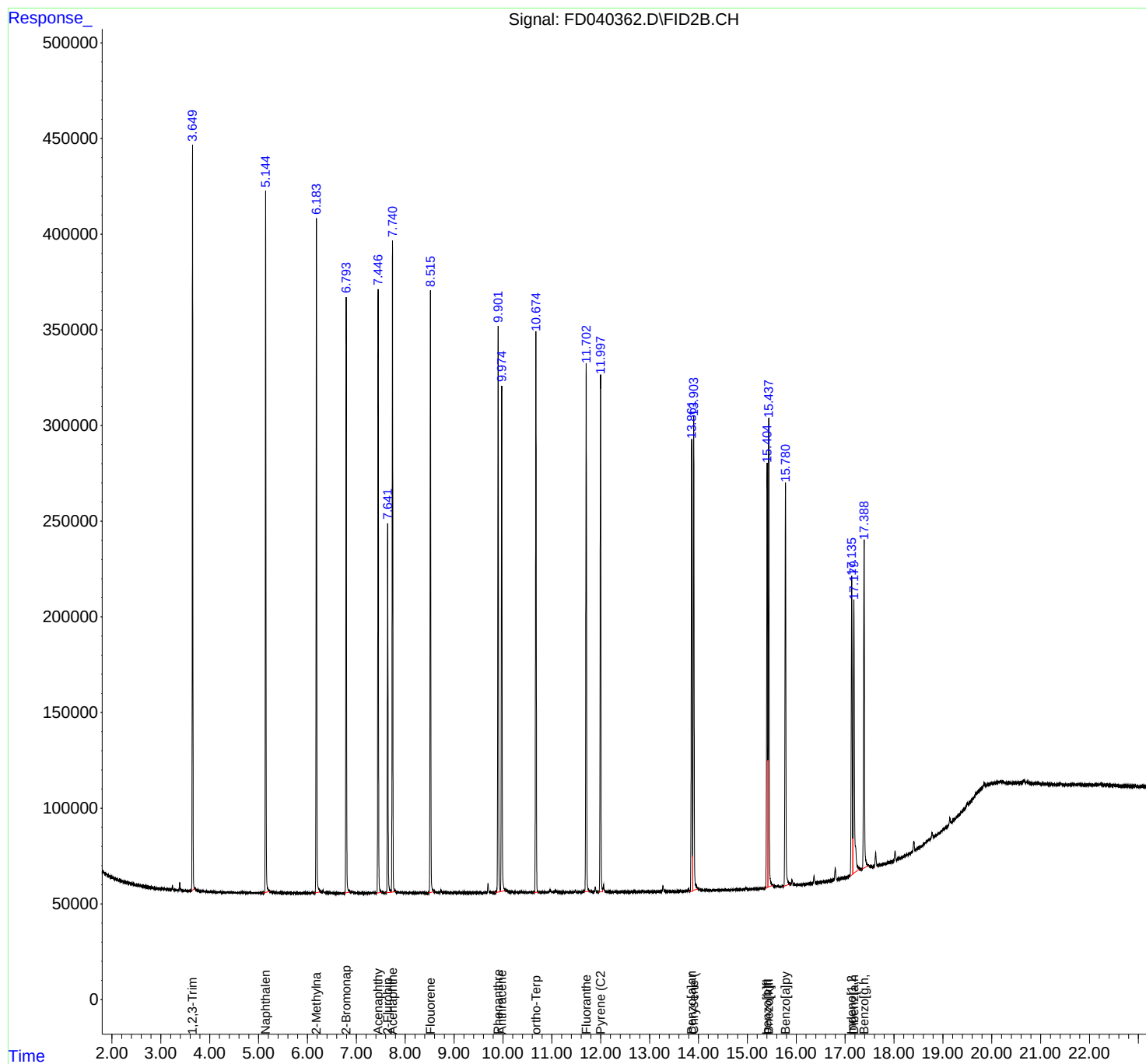
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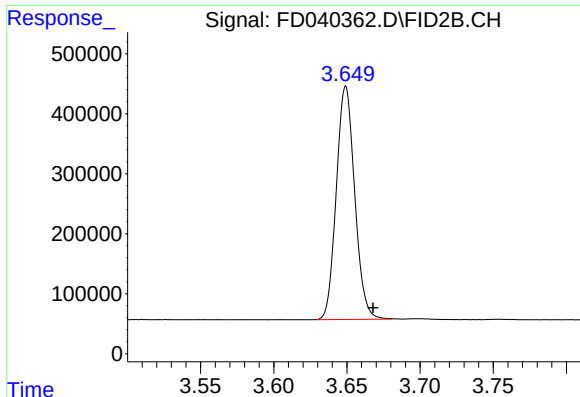
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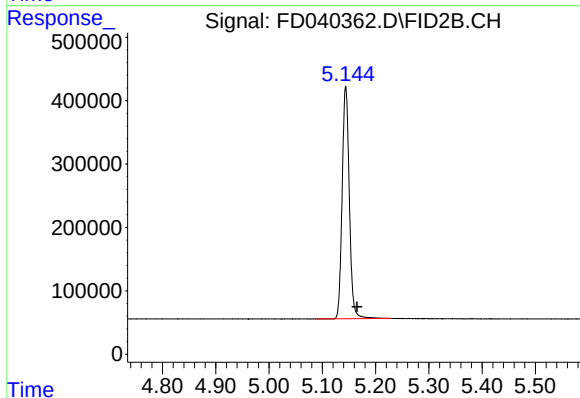
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.649 min
Delta R.T.: -0.019 min
Response: 3410079
Conc: 22.67 ug/ml

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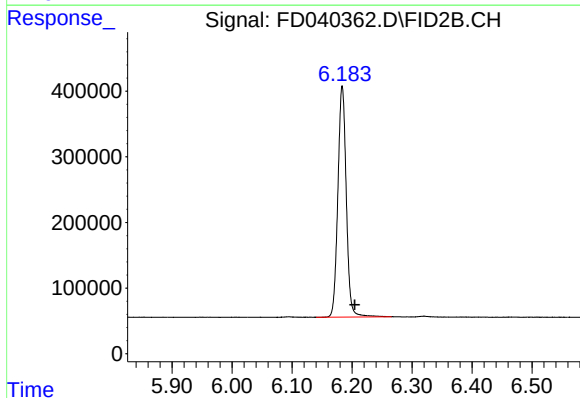
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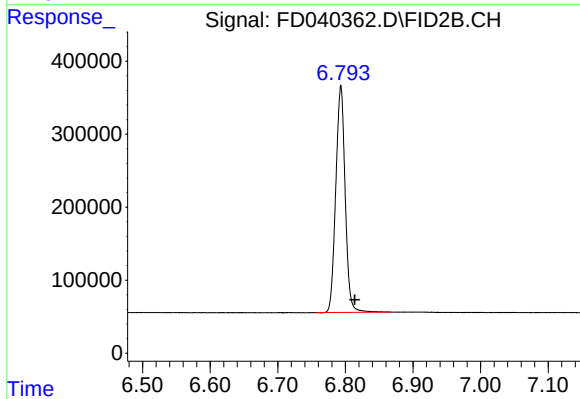
#2 Naphthalene (C11.7)

R.T.: 5.144 min
Delta R.T.: -0.021 min
Response: 3433741
Conc: 22.76 ug/ml



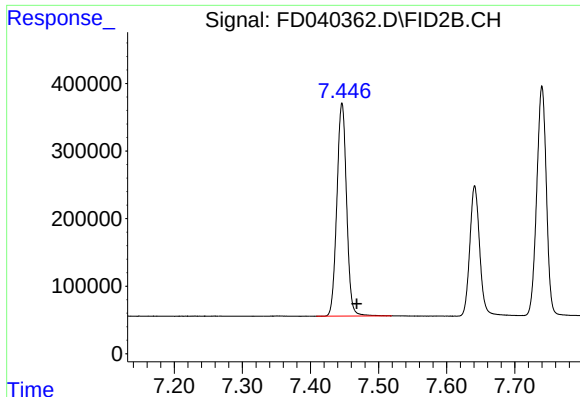
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.021 min
Response: 3428078
Conc: 22.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.793 min
Delta R.T.: -0.020 min
Response: 3002917
Conc: 22.85 ug/ml



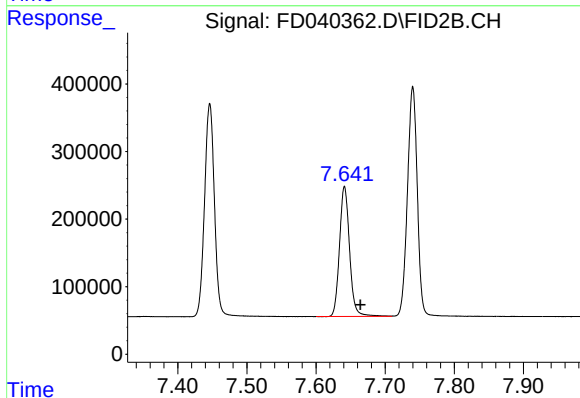
#5 Acenaphthylene (C15.06)

R.T.: 7.446 min
Delta R.T.: -0.021 min
Response: 3126731
Conc: 22.97 ug/ml

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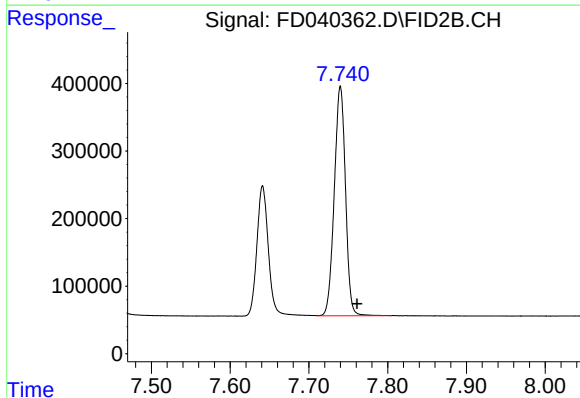
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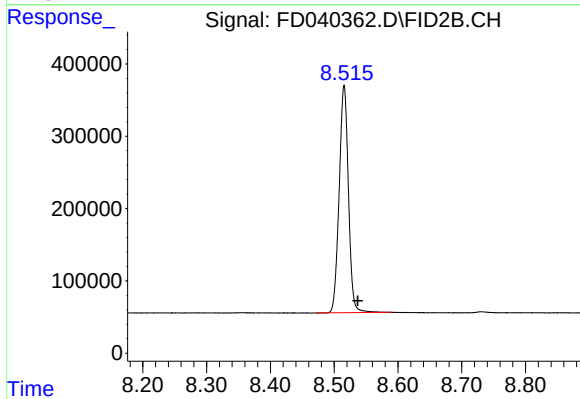
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.641 min
Delta R.T.: -0.023 min
Response: 1948507
Conc: 22.95 ug/ml



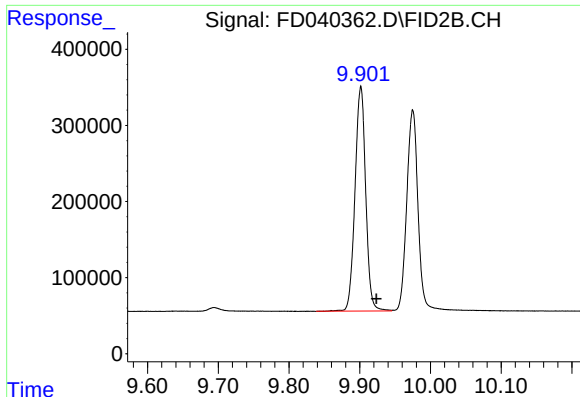
#7 Acenaphthene (C15.5)

R.T.: 7.740 min
Delta R.T.: -0.021 min
Response: 3357195
Conc: 23.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.516 min
Delta R.T.: -0.021 min
Response: 3173285
Conc: 22.98 ug/ml



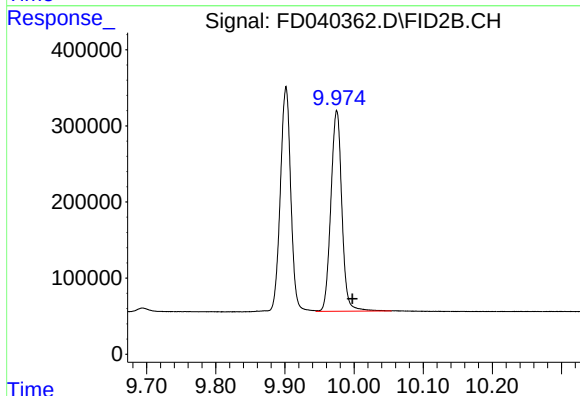
#9 Phenanthrene (C19.36)

R.T.: 9.902 min
Delta R.T.: -0.022 min
Response: 3096090
Conc: 22.97 ug/ml

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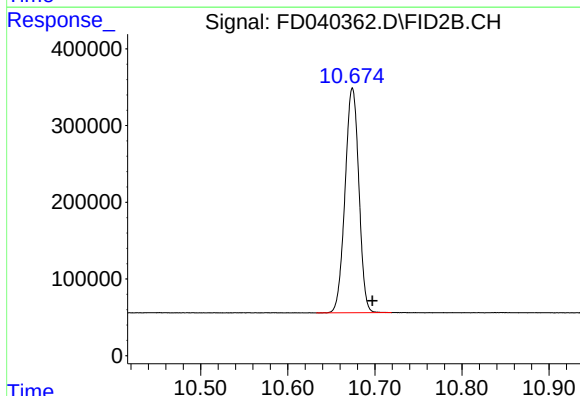
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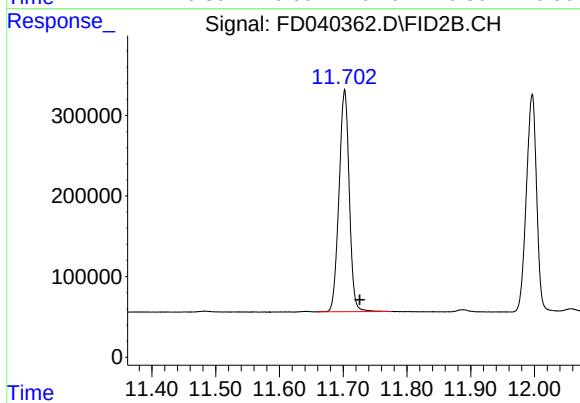
#10 Anthracene (C19.43)

R.T.: 9.975 min
Delta R.T.: -0.022 min
Response: 2908911
Conc: 23.13 ug/ml



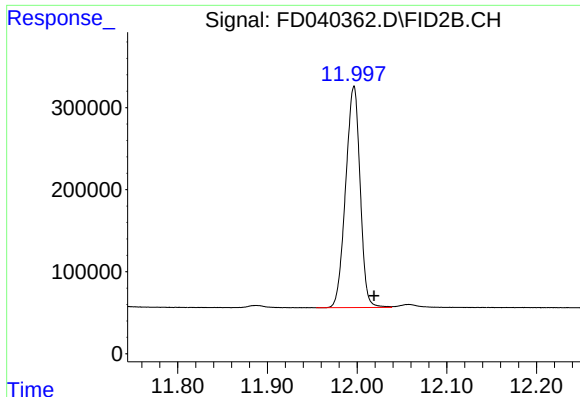
#11 ortho-Terphenyl (SURR)

R.T.: 10.674 min
Delta R.T.: -0.023 min
Response: 3226294
Conc: 23.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.702 min
Delta R.T.: -0.023 min
Response: 3078535
Conc: 22.92 ug/ml



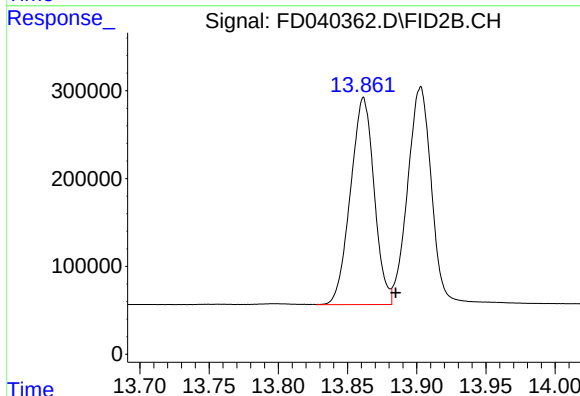
#13 Pyrene (C20.8)

R.T.: 11.996 min
Delta R.T.: -0.023 min
Response: 3026610
Conc: 23.17 ug/ml

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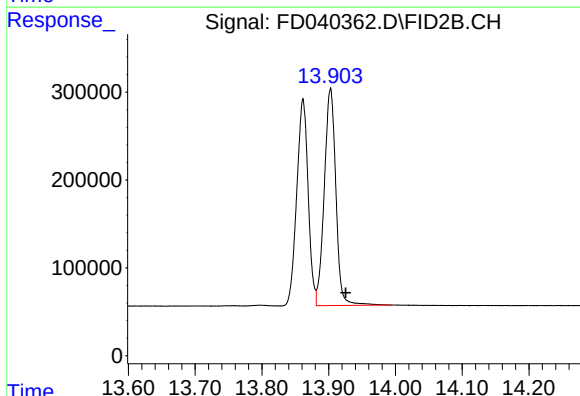
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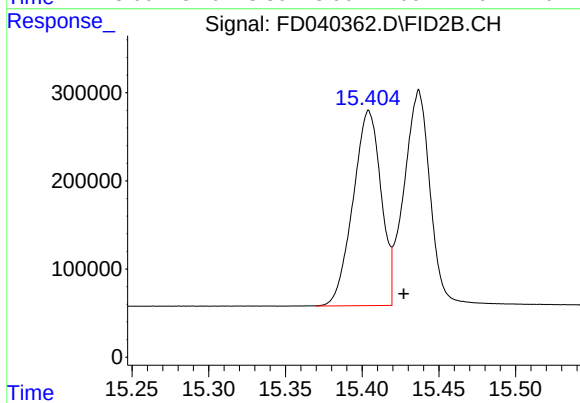
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.861 min
Delta R.T.: -0.023 min
Response: 2809104
Conc: 24.04 ug/ml m



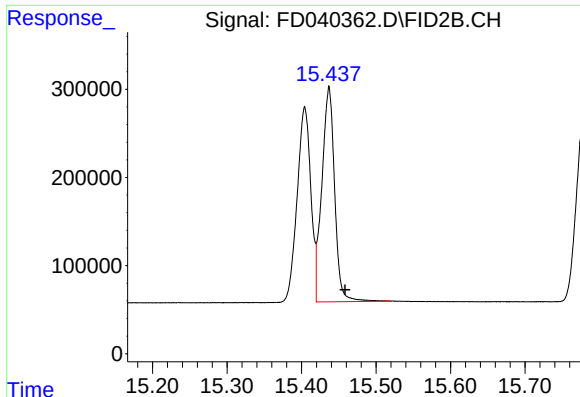
#15 Chrysene (C27.41)

R.T.: 13.903 min
Delta R.T.: -0.023 min
Response: 2983993
Conc: 23.87 ug/ml



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

R.T.: 15.404 min
Delta R.T.: -0.023 min
Response: 2822441
Conc: 22.75 ug/ml m



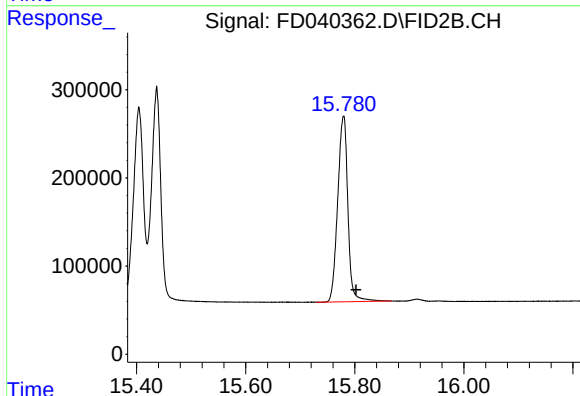
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.437 min
Delta R.T.: -0.022 min
Response: 2910605
Conc: 23.42 ug/ml

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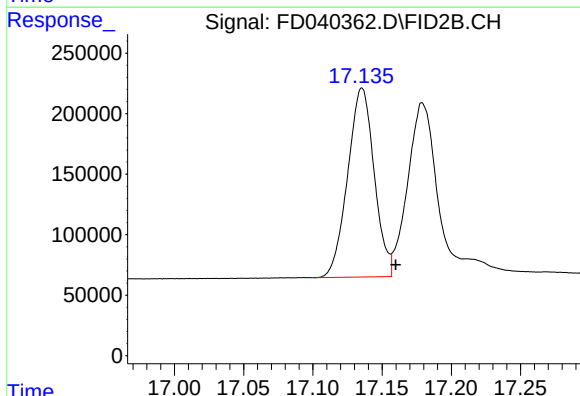
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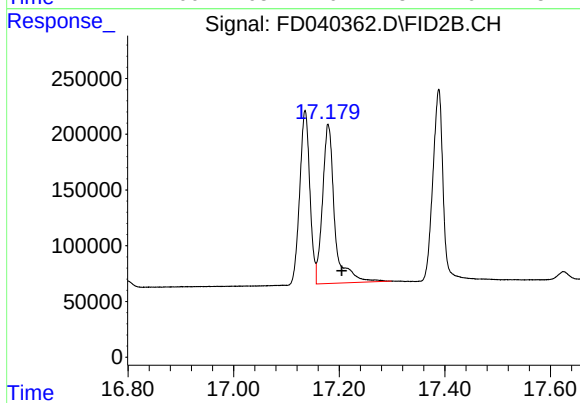
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.780 min
Delta R.T.: -0.023 min
Response: 2730330
Conc: 22.68 ug/ml



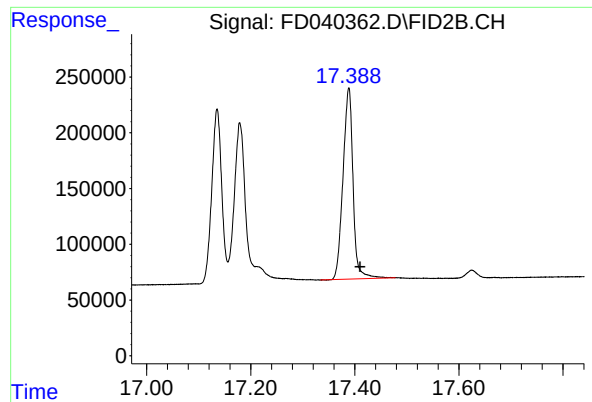
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.135 min
Delta R.T.: -0.025 min
Response: 2087619
Conc: 17.99 ug/ml m



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

R.T.: 17.179 min
Delta R.T.: -0.026 min
Response: 2300897
Conc: 20.24 ug/ml



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

R.T.: 17.389 min
Delta R.T.: -0.022 min
Response: 2295094
Conc: 18.81 ug/ml

Instrument :

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ClientSampleId :

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