

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011822AR\
 Data File : FD040651.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2022 10:47
 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 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 01:21:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.730	2780850	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
6) S 2-Fluorobiphenyl (SURR)	7.578	1827716	19.194 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.39%
11) S ortho-Terphenyl (SURR)	10.612	3042565	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.589	3083815	19.937 ug/ml
2) T Naphthalene (C11.7)	5.080	3217746	20.105 ug/ml
3) T 2-Methylnaphthalene (...)	6.120	3203189	19.733 ug/ml
5) T Acenaphthylene (C15.06)	7.382	3052812	20.309 ug/ml
7) T Acenaphthene (C15.5)	7.676	3357565	20.831 ug/ml
8) T Flouorene (C16.55)	8.451	2966375	19.085 ug/ml
9) T Phenanthrene (C19.36)	9.837	2878507	18.710 ug/ml
10) T Anthracene (C19.43)	9.911	2486115	17.017 ug/ml
12) T Fluoranthene (C21.85)	11.639	2884007	18.573 ug/ml
13) T Pyrene (C20.8)	11.933	2937716	19.462 ug/ml
14) T Benzo[a]anthracene (C...	13.799	2633097	19.848 ug/mlm
15) T Chrysene (C27.41)	13.841	2907929	19.885 ug/ml
16) T benzo[b]fluoranthene ...	15.342	2703345	19.784 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.375	2948013	21.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.717	2564184	19.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.078	2608715	21.409 ug/ml
20) T Dibenz[a,h]anthracene...	17.122	2591859	21.308 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.330	2558771	19.928 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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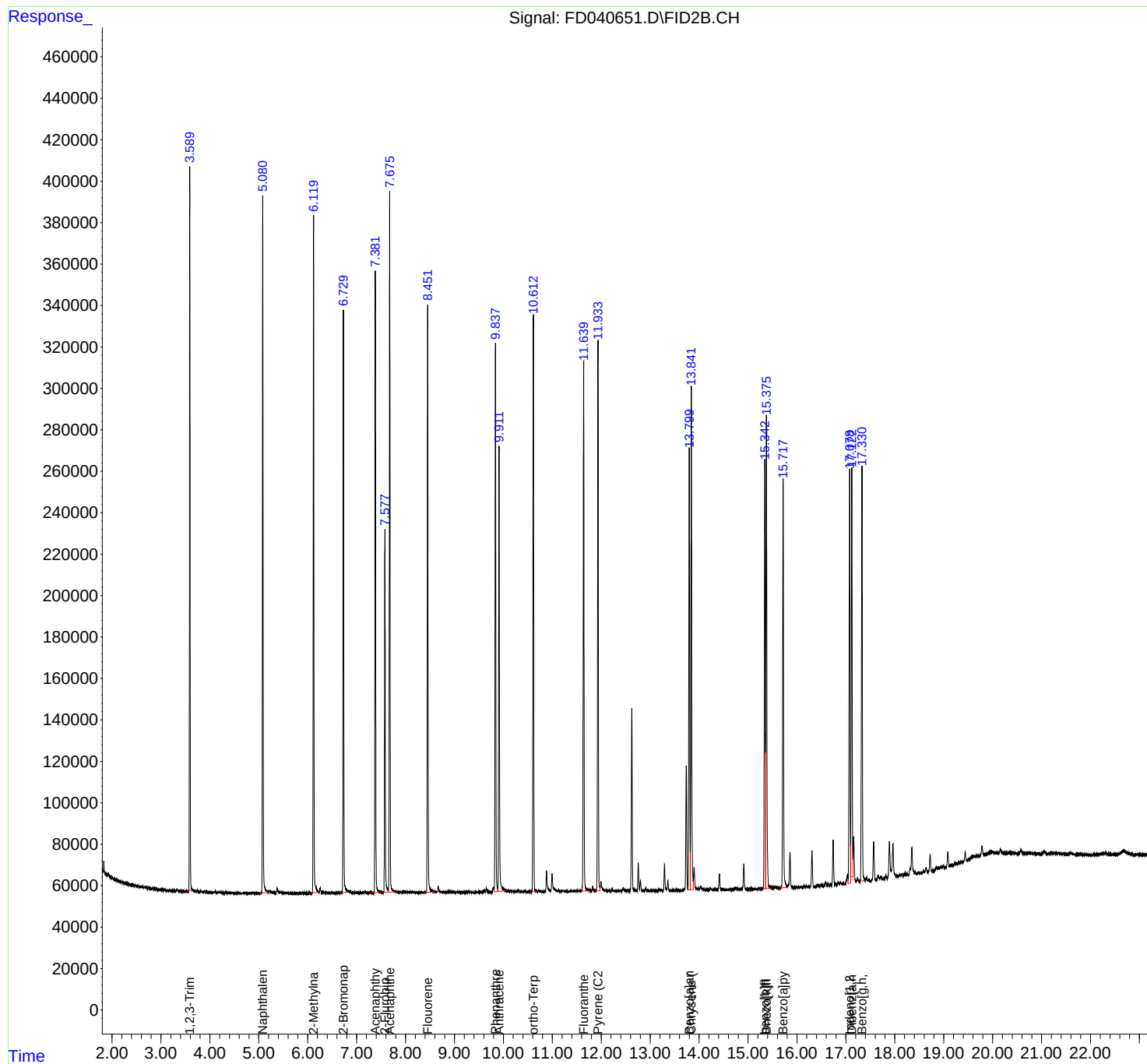
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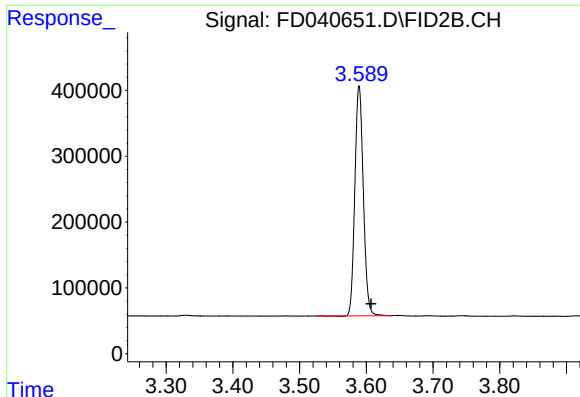
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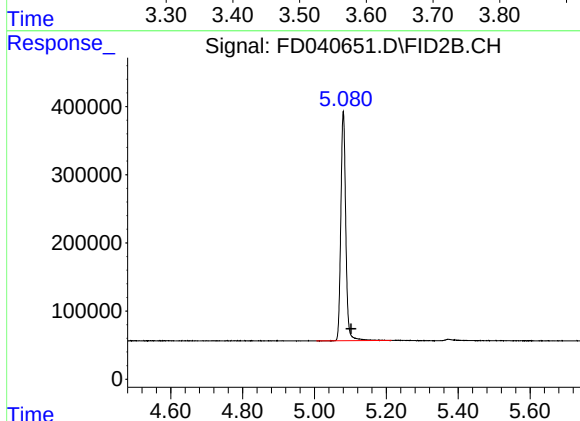
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.589 min
Delta R.T.: -0.018 min
Response: 3083815
Conc: 19.94 ug/ml

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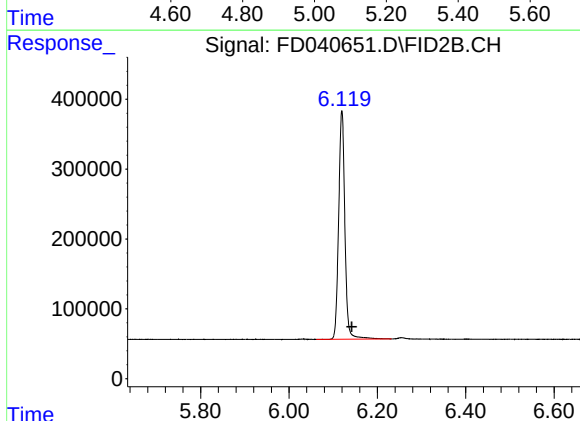
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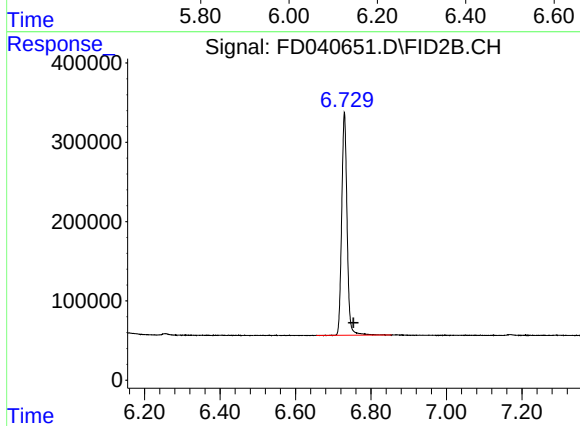
#2 Naphthalene (C11.7)

R.T.: 5.080 min
Delta R.T.: -0.022 min
Response: 3217746
Conc: 20.10 ug/ml



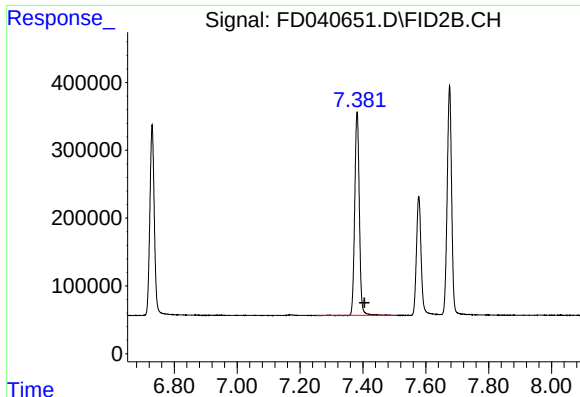
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.022 min
Response: 3203189
Conc: 19.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.730 min
Delta R.T.: -0.023 min
Response: 2780850
Conc: 19.44 ug/ml



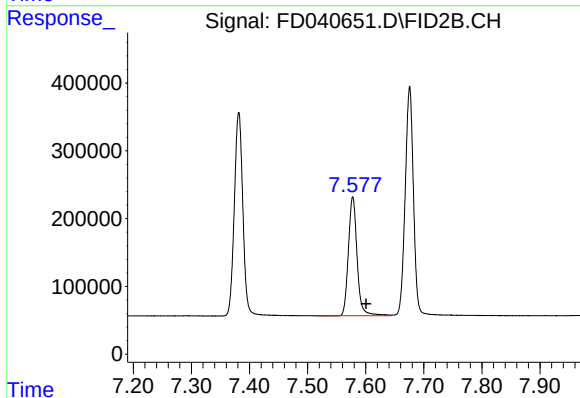
#5 Acenaphthylene (C15.06)

R.T.: 7.382 min
Delta R.T.: -0.023 min
Response: 3052812
Conc: 20.31 ug/ml

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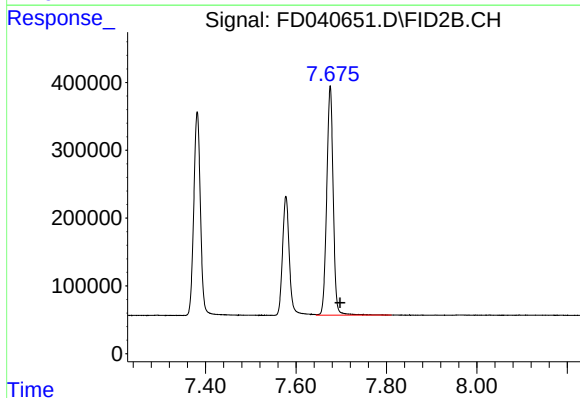
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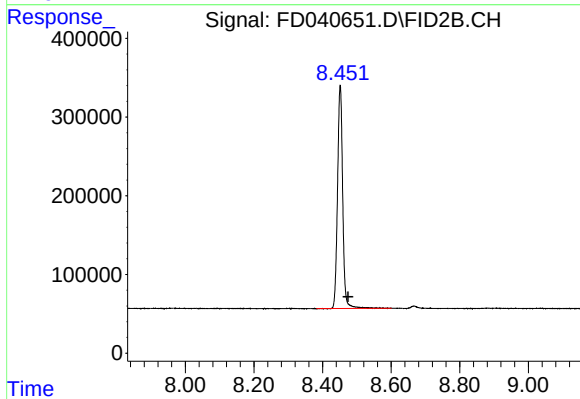
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.578 min
Delta R.T.: -0.023 min
Response: 1827716
Conc: 19.19 ug/ml



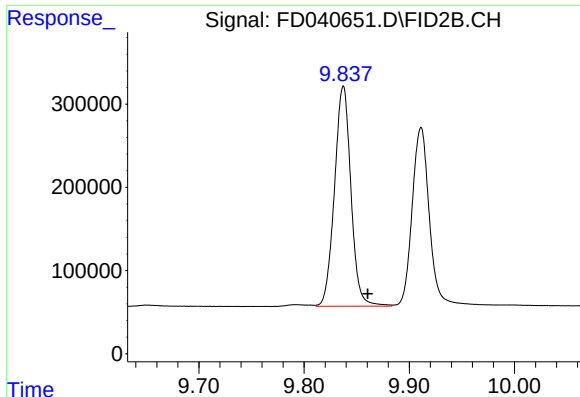
#7 Acenaphthene (C15.5)

R.T.: 7.676 min
Delta R.T.: -0.022 min
Response: 3357565
Conc: 20.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.451 min
Delta R.T.: -0.023 min
Response: 2966375
Conc: 19.08 ug/ml



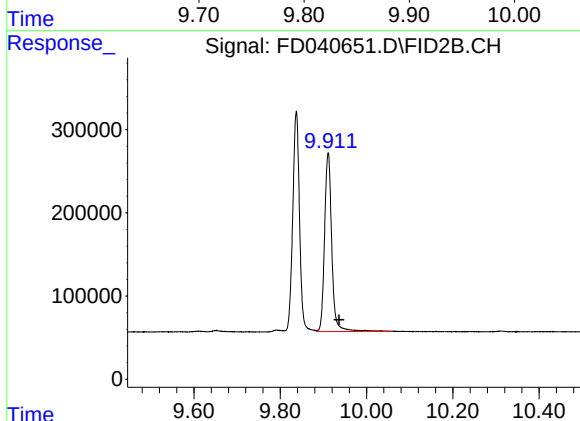
#9 Phenanthrene (C19.36)

R.T.: 9.837 min
Delta R.T.: -0.023 min
Response: 2878507
Conc: 18.71 ug/ml

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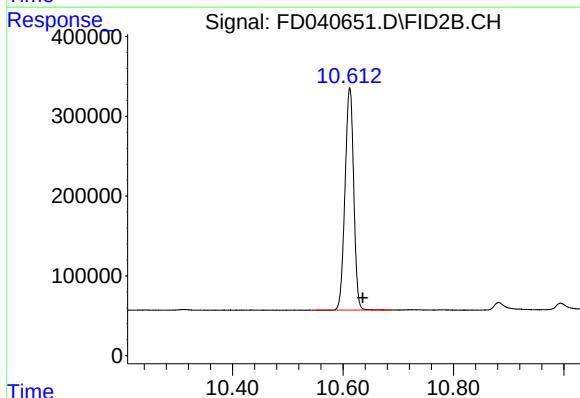
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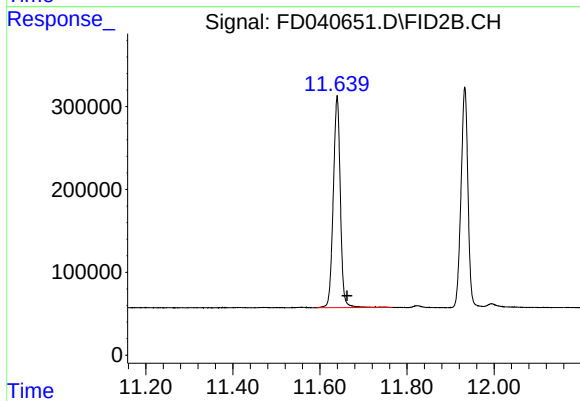
#10 Anthracene (C19.43)

R.T.: 9.911 min
Delta R.T.: -0.025 min
Response: 2486115
Conc: 17.02 ug/ml



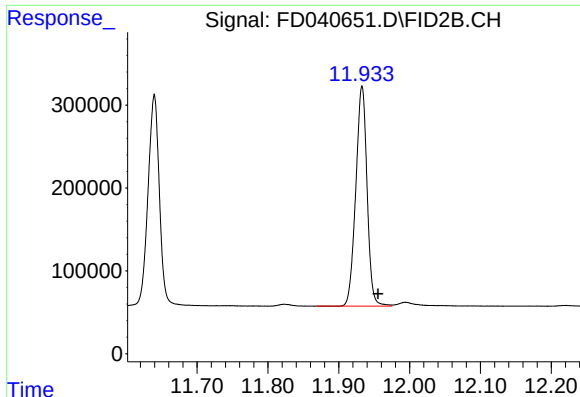
#11 ortho-Terphenyl (SURR)

R.T.: 10.612 min
Delta R.T.: -0.024 min
Response: 3042565
Conc: 19.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.639 min
Delta R.T.: -0.023 min
Response: 2884007
Conc: 18.57 ug/ml



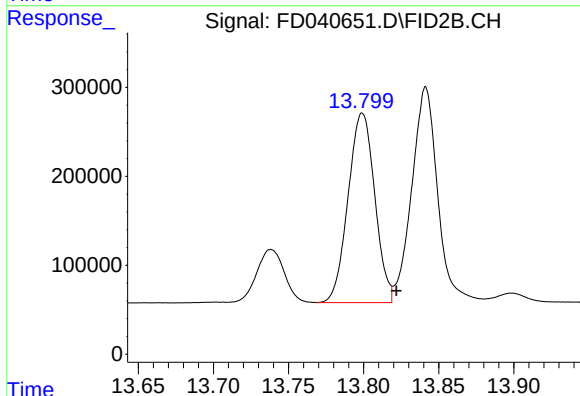
#13 Pyrene (C20.8)

R.T.: 11.933 min
Delta R.T.: -0.023 min
Response: 2937716
Conc: 19.46 ug/ml

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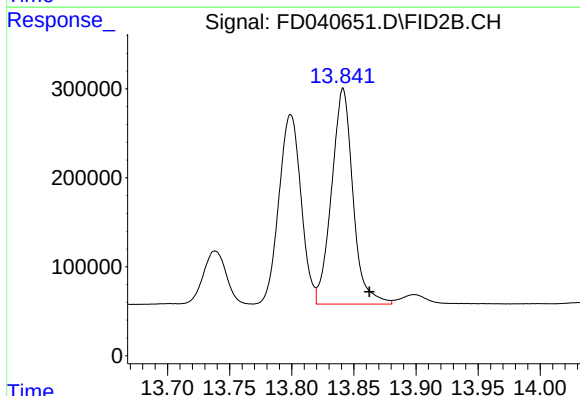
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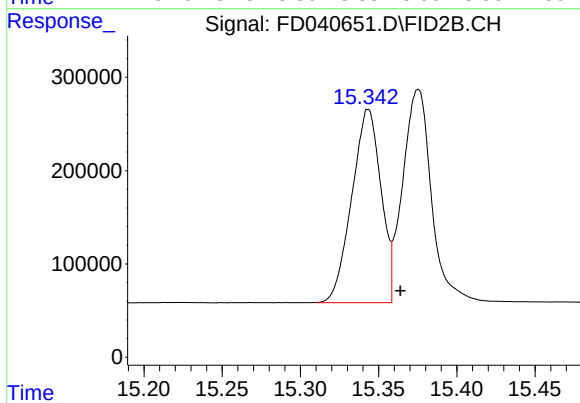
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.799 min
Delta R.T.: -0.023 min
Response: 2633097
Conc: 19.85 ug/ml m



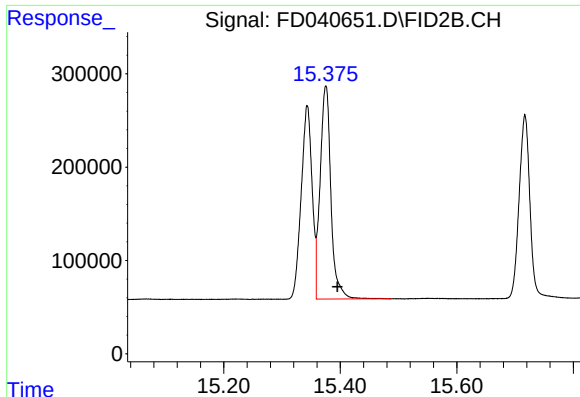
#15 Chrysene (C27.41)

R.T.: 13.841 min
Delta R.T.: -0.021 min
Response: 2907929
Conc: 19.89 ug/ml



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

R.T.: 15.342 min
Delta R.T.: -0.022 min
Response: 2703345
Conc: 19.78 ug/ml m



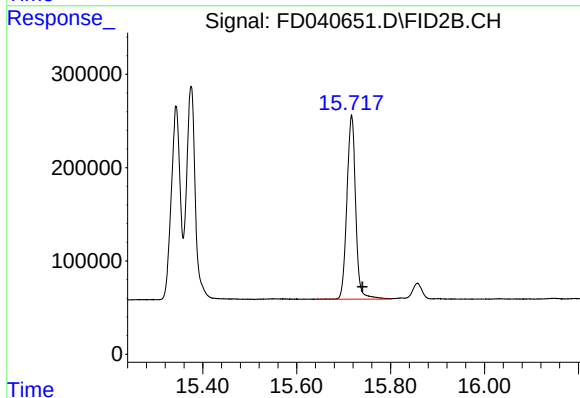
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.375 min
Delta R.T.: -0.020 min
Response: 2948013
Conc: 21.30 ug/ml

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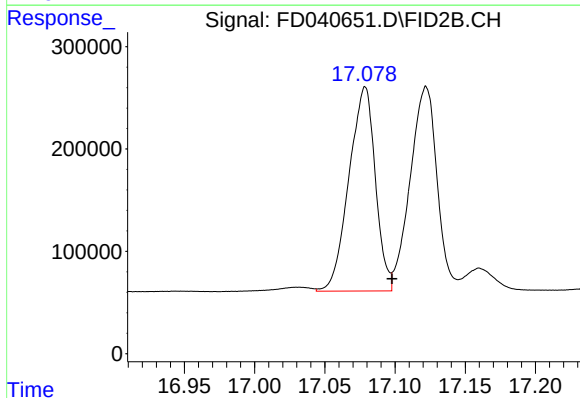
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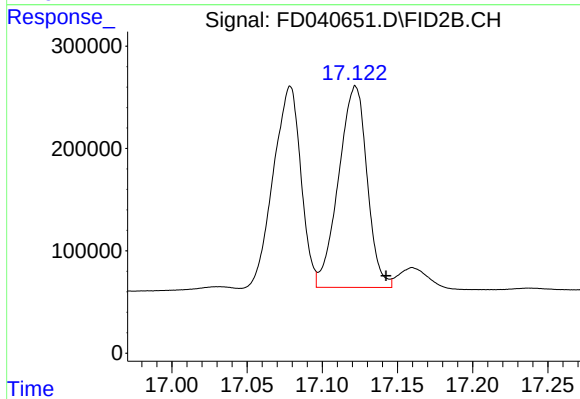
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.717 min
Delta R.T.: -0.023 min
Response: 2564184
Conc: 19.67 ug/ml



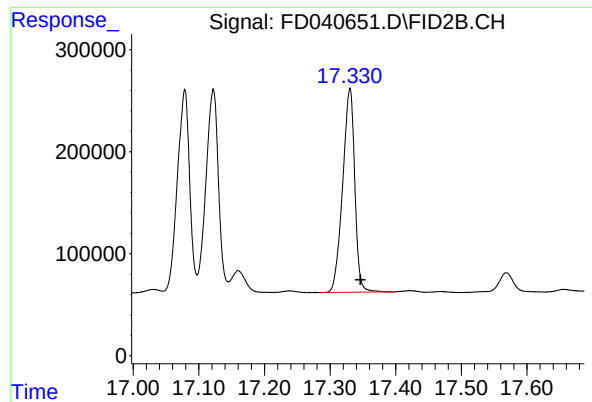
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.078 min
Delta R.T.: -0.020 min
Response: 2608715
Conc: 21.41 ug/ml



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

R.T.: 17.122 min
Delta R.T.: -0.021 min
Response: 2591859
Conc: 21.31 ug/ml m



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

R.T.: 17.330 min
Delta R.T.: -0.016 min
Response: 2558771
Conc: 19.93 ug/ml

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