

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011822AR\
 Data File : FD040667.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2022 20:56
 Operator : AJ\MA
 Sample : N1139-05MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 POST-EX-BOTTOMMSD

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 01:26:09 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...	6.728	6844401	47.856 ug/ml
Spiked Amount 50.000		Recovery =	95.71%
6) S 2-Fluorobiphenyl (SURR)	7.576	4653388	48.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.74%
11) S ortho-Terphenyl (SURR)	10.609	5163605	33.041 ug/ml
Spiked Amount 50.000		Recovery =	66.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.586	4933886	31.897 ug/ml
2) T Naphthalene (C11.7)	5.077	5693240	35.572 ug/ml
3) T 2-Methylnaphthalene (...)	6.117	5760675	35.489 ug/ml
5) T Acenaphthylene (C15.06)	7.379	6052375	40.263 ug/ml
7) T Acenaphthene (C15.5)	7.675	6472083	40.154 ug/ml
8) T Flouorene (C16.55)	8.451	6509518	41.881 ug/ml
9) T Phenanthrene (C19.36)	9.837	6800238	44.202 ug/ml
10) T Anthracene (C19.43)	9.912	6743084	46.154 ug/ml
12) T Fluoranthene (C21.85)	11.639	6981734	44.963 ug/ml
13) T Pyrene (C20.8)	11.932	6608197	43.779 ug/ml
14) T Benzo[a]anthracene (C...	13.799	6175242	46.548 ug/mlm
15) T Chrysene (C27.41)	13.842	6115899	41.822 ug/ml
16) T benzo[b]fluoranthene ...	15.343	6339323	46.393 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.379	6144091	44.387 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.718	5808927	44.564 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.080	5729594	47.020 ug/ml
20) T Dibenz[a,h]anthracene...	17.124	5970564	49.084 ug/ml
21) T Benzo[g,h,i]perylene ...	17.336	6030691	46.967 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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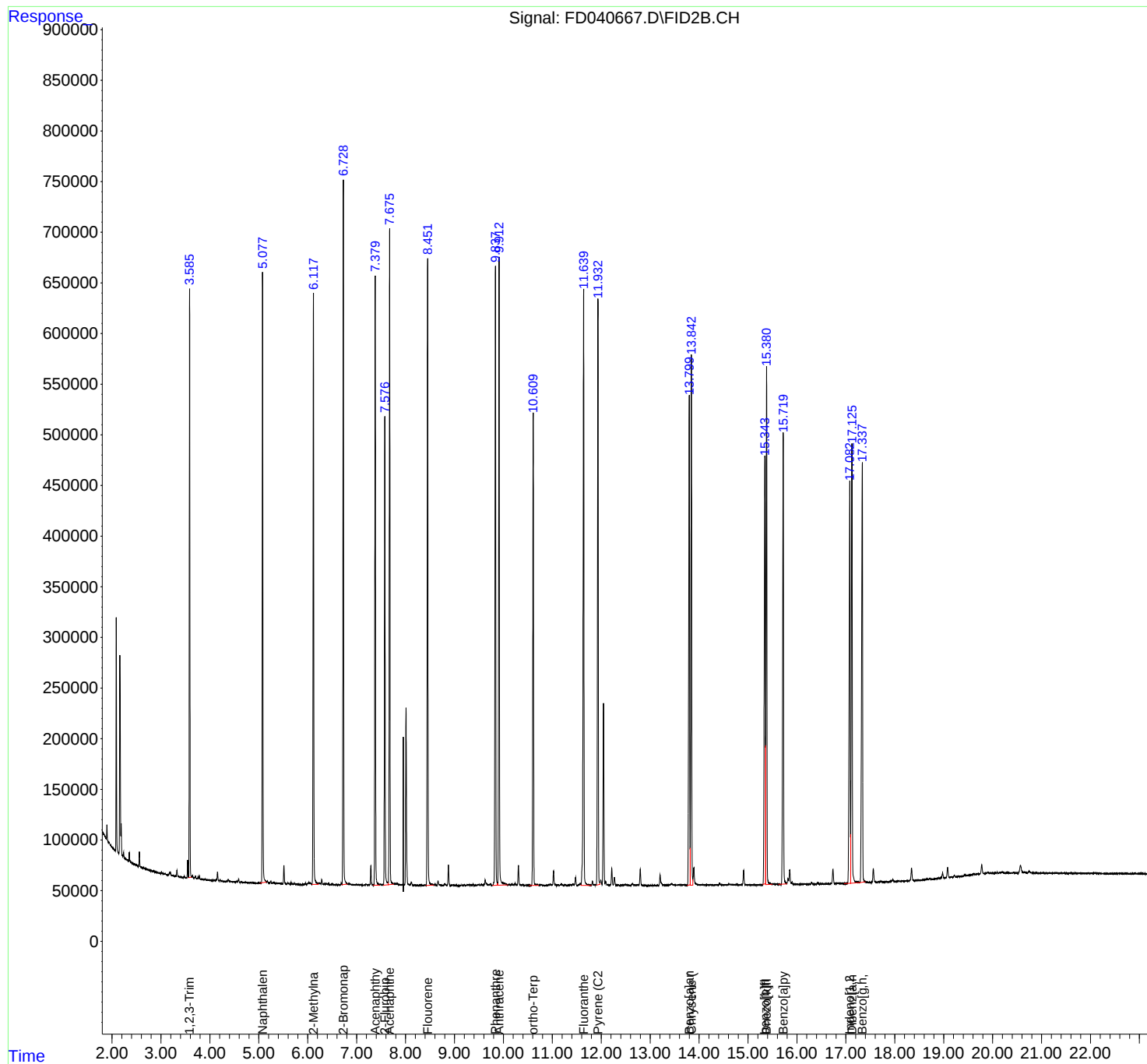
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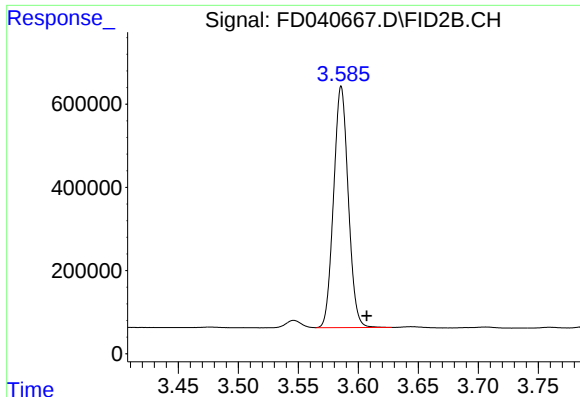
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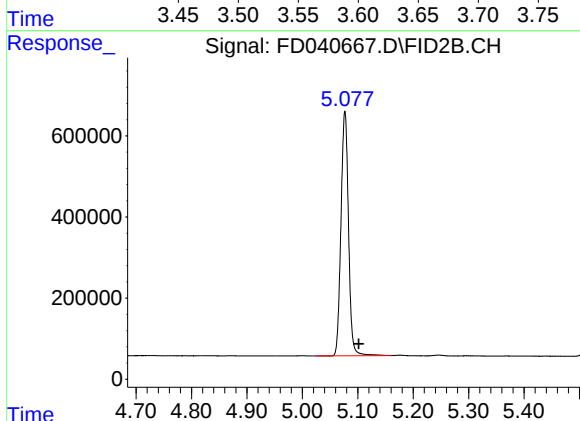
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.586 min
Delta R.T.: -0.021 min
Response: 4933886
Conc: 31.90 ug/ml

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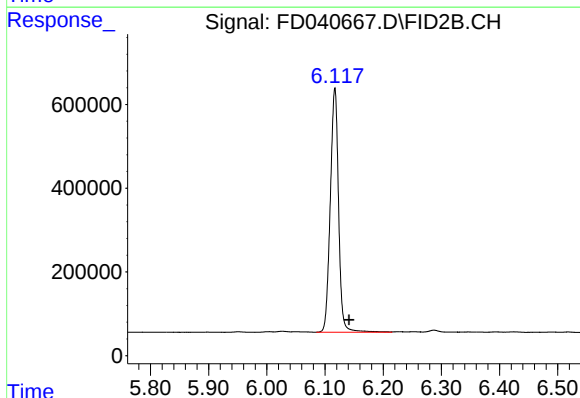
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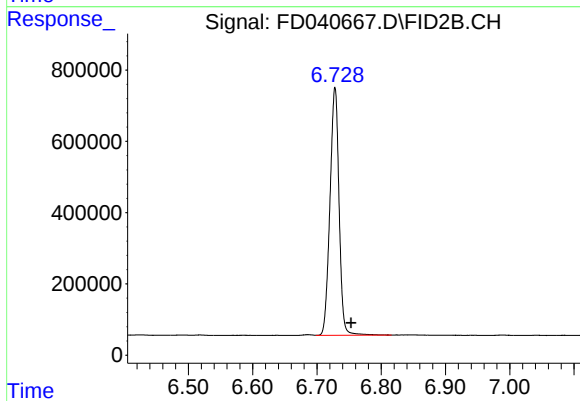
#2 Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 5693240
Conc: 35.57 ug/ml



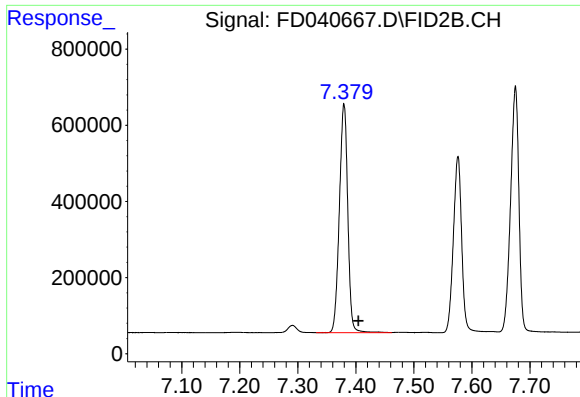
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.025 min
Response: 5760675
Conc: 35.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.728 min
Delta R.T.: -0.025 min
Response: 6844401
Conc: 47.86 ug/ml



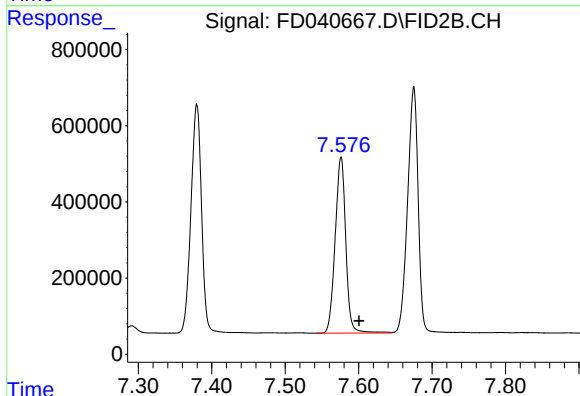
#5 Acenaphthylene (C15.06)

R.T.: 7.379 min
Delta R.T.: -0.025 min
Response: 6052375
Conc: 40.26 ug/ml

Instrument :
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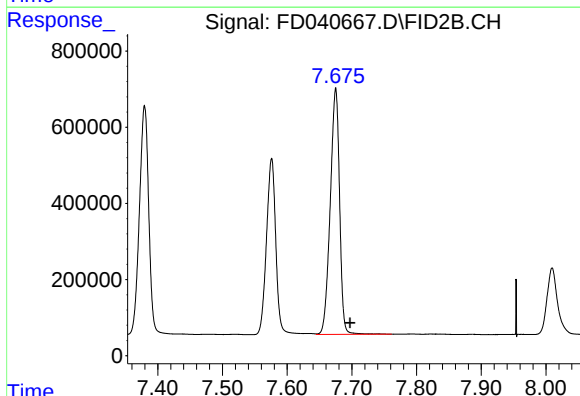
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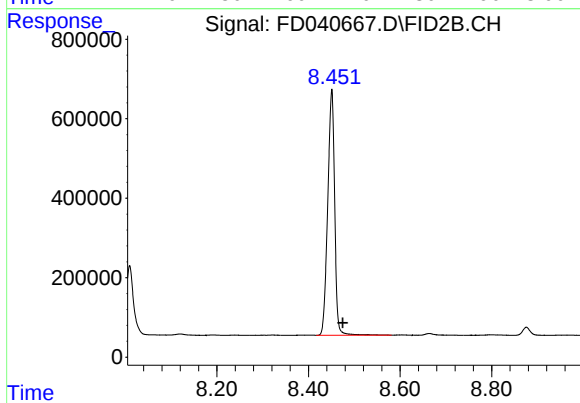
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.576 min
Delta R.T.: -0.025 min
Response: 4653388
Conc: 48.87 ug/ml



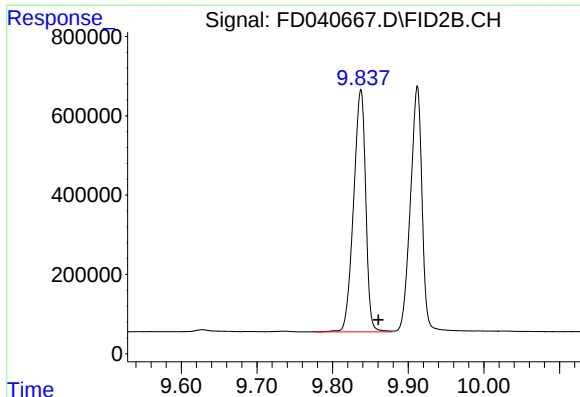
#7 Acenaphthene (C15.5)

R.T.: 7.675 min
Delta R.T.: -0.023 min
Response: 6472083
Conc: 40.15 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.451 min
Delta R.T.: -0.024 min
Response: 6509518
Conc: 41.88 ug/ml



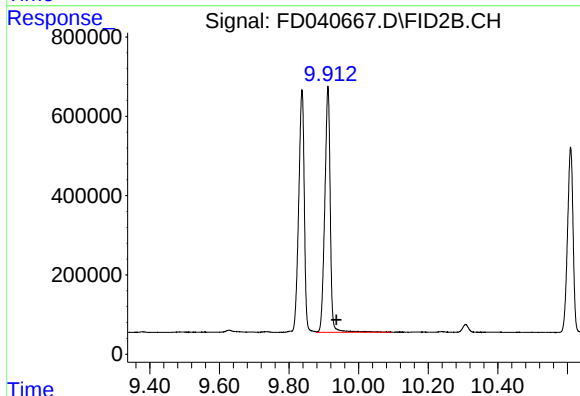
#9 Phenanthrene (C19.36)

R.T.: 9.837 min
Delta R.T.: -0.023 min
Response: 6800238
Conc: 44.20 ug/ml

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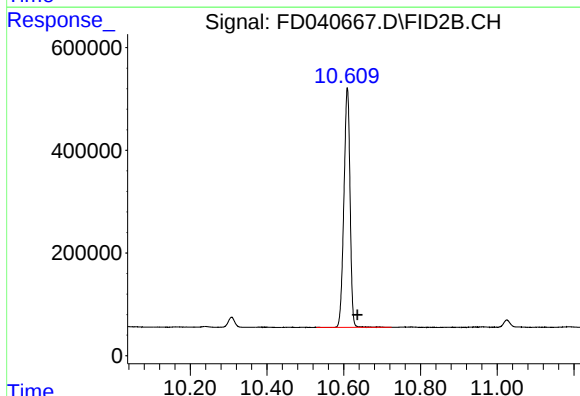
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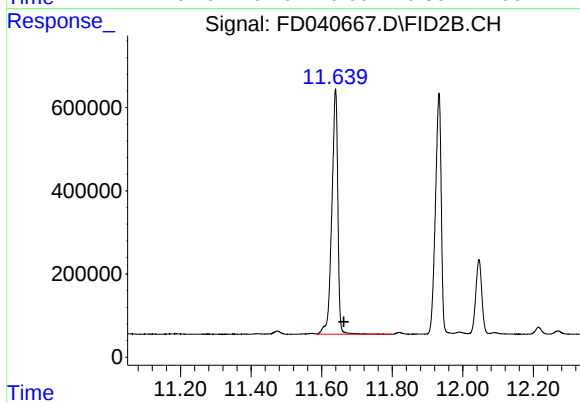
#10 Anthracene (C19.43)

R.T.: 9.912 min
Delta R.T.: -0.025 min
Response: 6743084
Conc: 46.15 ug/ml



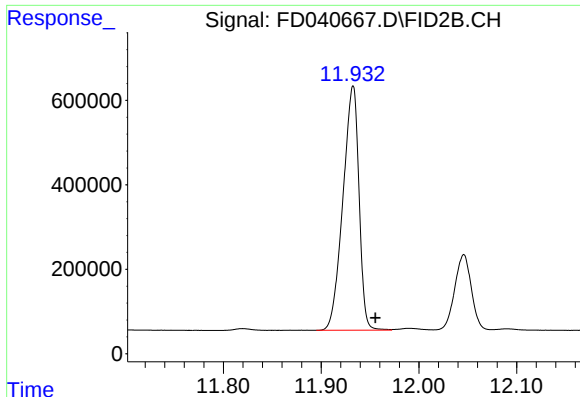
#11 ortho-Terphenyl (SURR)

R.T.: 10.609 min
Delta R.T.: -0.026 min
Response: 5163605
Conc: 33.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.639 min
Delta R.T.: -0.024 min
Response: 6981734
Conc: 44.96 ug/ml



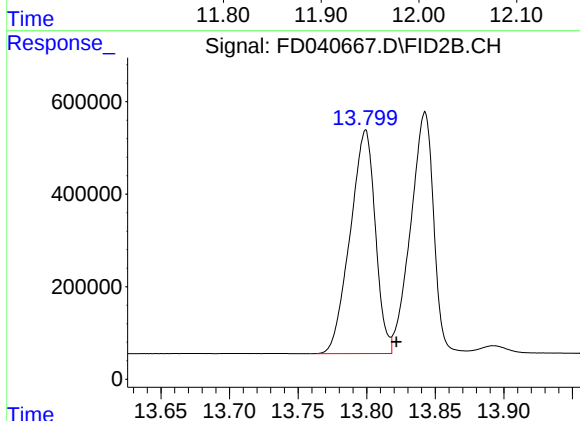
#13 Pyrene (C20.8)

R.T.: 11.932 min
Delta R.T.: -0.023 min
Response: 6608197
Conc: 43.78 ug/ml

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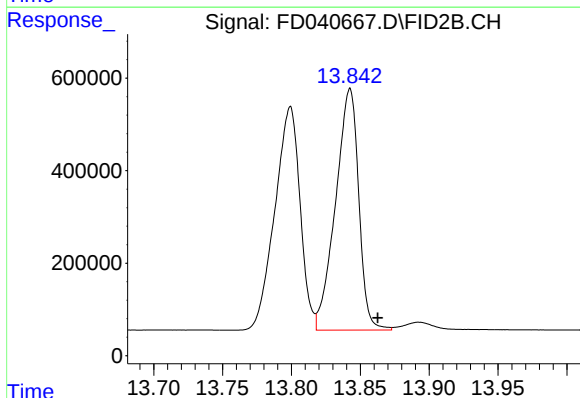
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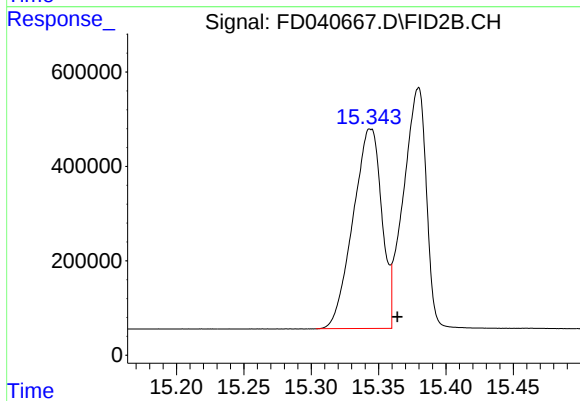
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.799 min
Delta R.T.: -0.023 min
Response: 6175242
Conc: 46.55 ug/ml m



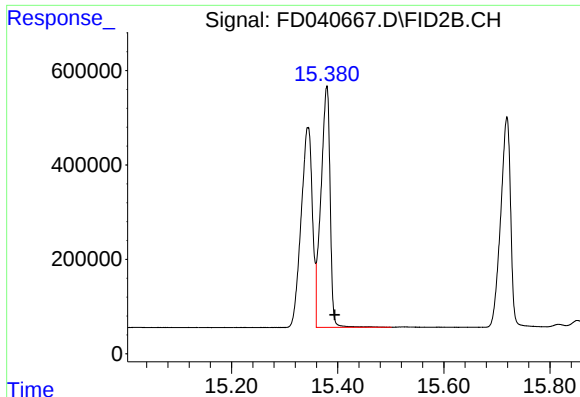
#15 Chrysene (C27.41)

R.T.: 13.842 min
Delta R.T.: -0.021 min
Response: 6115899
Conc: 41.82 ug/ml



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

R.T.: 15.343 min
Delta R.T.: -0.021 min
Response: 6339323
Conc: 46.39 ug/ml m



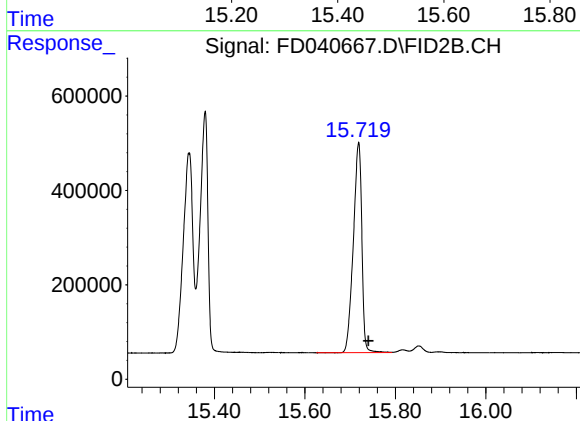
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.379 min
Delta R.T.: -0.016 min
Response: 6144091
Conc: 44.39 ug/ml

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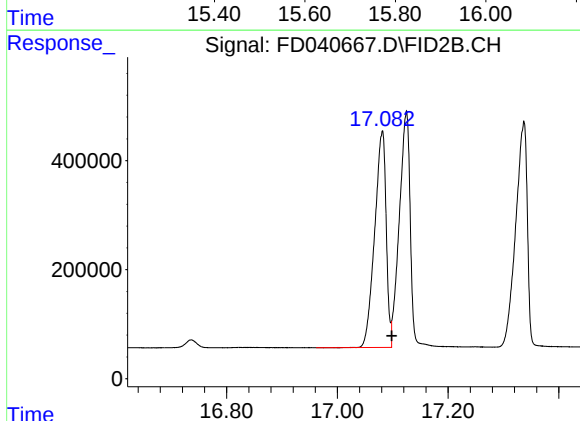
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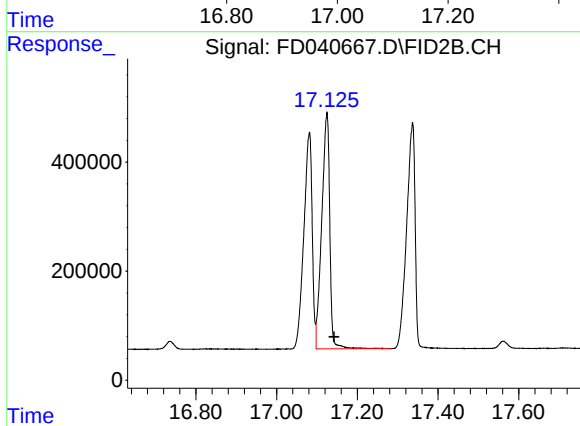
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.718 min
Delta R.T.: -0.022 min
Response: 5808927
Conc: 44.56 ug/ml



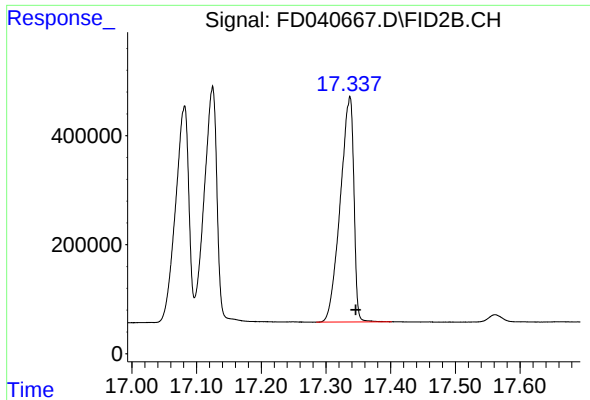
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.080 min
Delta R.T.: -0.018 min
Response: 5729594
Conc: 47.02 ug/ml



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

R.T.: 17.124 min
Delta R.T.: -0.018 min
Response: 5970564
Conc: 49.08 ug/ml



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

R.T.: 17.336 min
Delta R.T.: -0.010 min
Response: 6030691
Conc: 46.97 ug/ml

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