

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011822AR\
 Data File : FD040666.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2022 20:23
 Operator : AJ\MA
 Sample : N1139-05MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 POST-EX-BOTTOMMS

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 01:25:48 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	6812911	47.636 ug/ml
Spiked Amount 50.000		Recovery =	95.27%
6) S 2-Fluorobiphenyl (SURR)	7.575	4578192	48.079 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.16%
11) S ortho-Terphenyl (SURR)	10.608	5123982	32.787 ug/ml
Spiked Amount 50.000		Recovery =	65.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.585	4871381	31.493 ug/ml
2) T Naphthalene (C11.7)	5.077	5612684	35.069 ug/ml
3) T 2-Methylnaphthalene (...)	6.117	5707924	35.164 ug/ml
5) T Acenaphthylene (C15.06)	7.379	5971597	39.726 ug/ml
7) T Acenaphthene (C15.5)	7.673	6379501	39.579 ug/ml
8) T Fluorene (C16.55)	8.450	6484262	41.718 ug/ml
9) T Phenanthrene (C19.36)	9.836	6757486	43.924 ug/ml
10) T Anthracene (C19.43)	9.910	6698086	45.846 ug/ml
12) T Fluoranthene (C21.85)	11.637	6995725	45.054 ug/ml
13) T Pyrene (C20.8)	11.931	6623014	43.877 ug/ml
14) T Benzo[a]anthracene (C...	13.800	6119170	46.126 ug/mlm
15) T Chrysene (C27.41)	13.842	6086486	41.621 ug/ml
16) T benzo[b]fluoranthene ...	15.344	6281244	45.968 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.378	6089055	43.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.718	5787326	44.398 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.080	5703908	46.809 ug/ml
20) T Dibenz[a,h]anthracene...	17.122	5881136	48.349 ug/ml
21) T Benzo[g,h,i]perylene ...	17.334	5984148	46.604 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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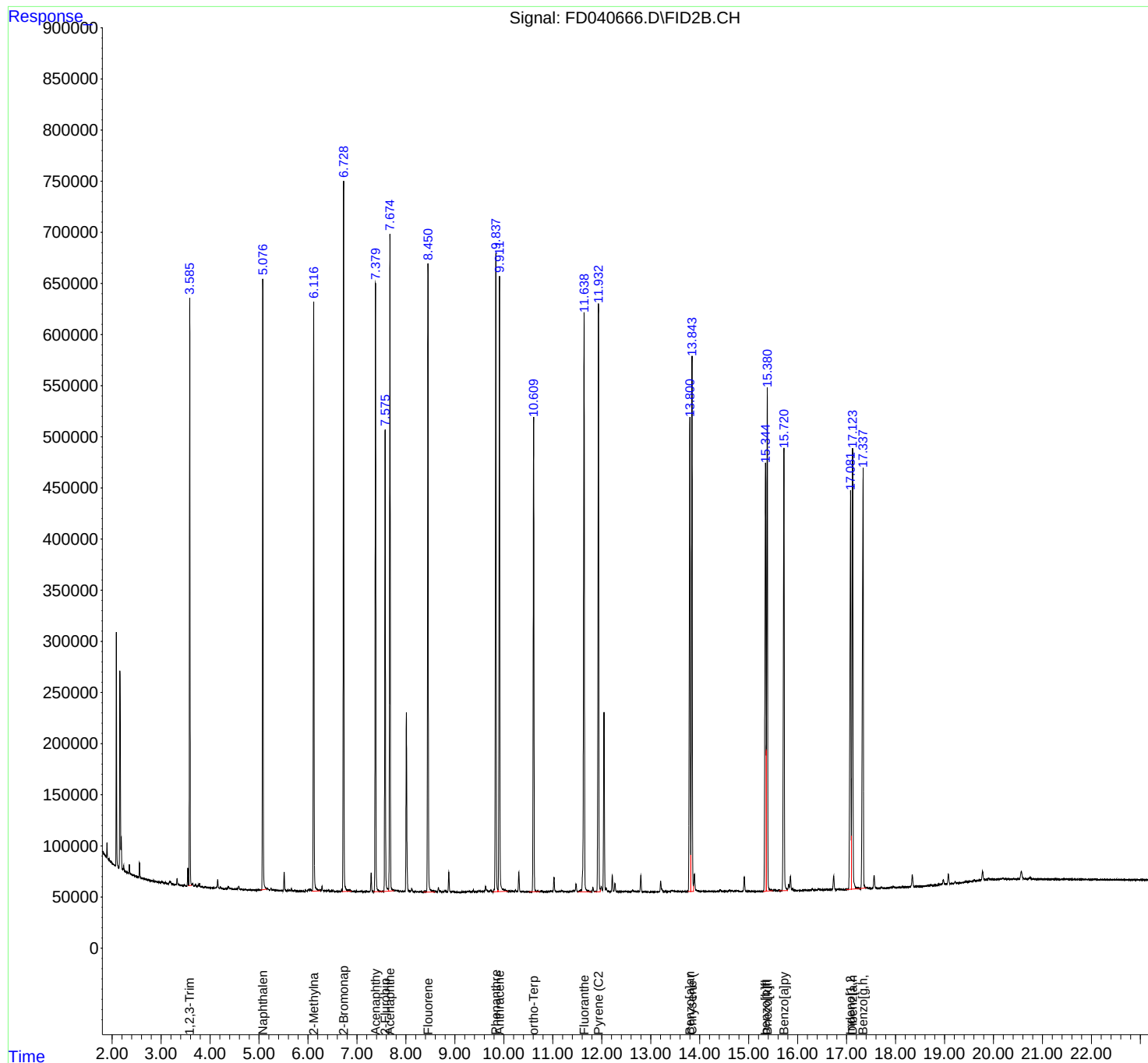
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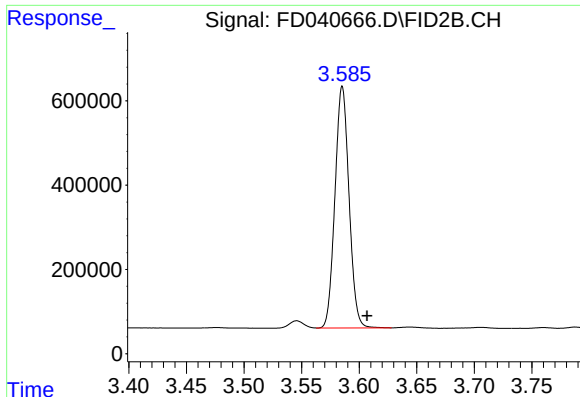
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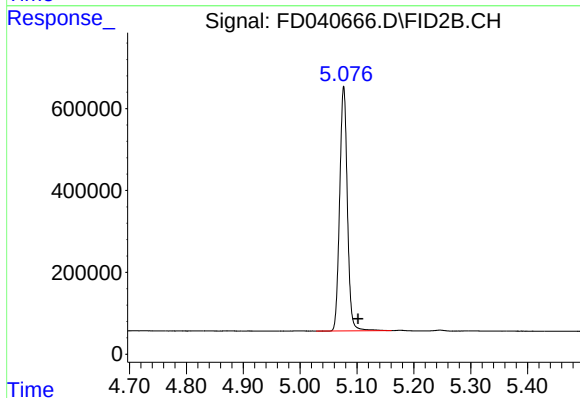
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.585 min
Delta R.T.: -0.022 min
Response: 4871381
Conc: 31.49 ug/ml

Instrument :
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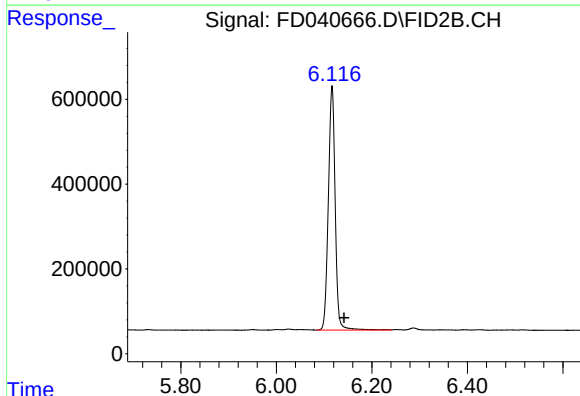
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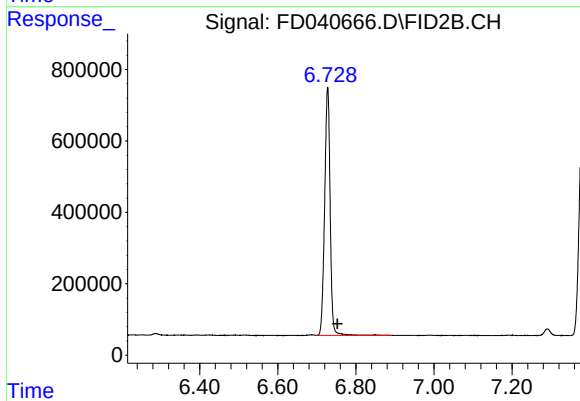
#2 Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 5612684
Conc: 35.07 ug/ml



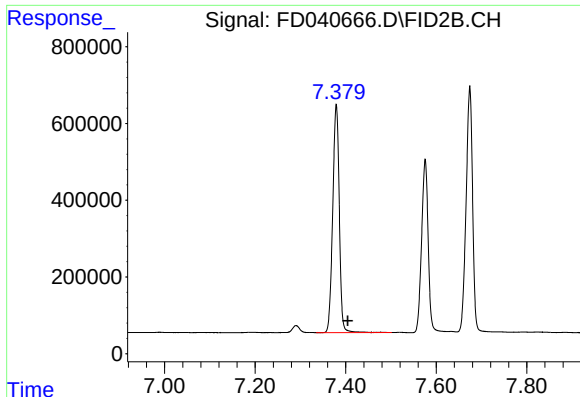
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.025 min
Response: 5707924
Conc: 35.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.728 min
Delta R.T.: -0.025 min
Response: 6812911
Conc: 47.64 ug/ml



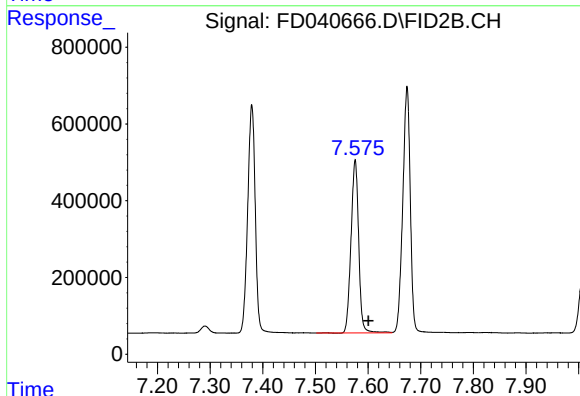
#5 Acenaphthylene (C15.06)

R.T.: 7.379 min
Delta R.T.: -0.025 min
Response: 5971597
Conc: 39.73 ug/ml

Instrument :
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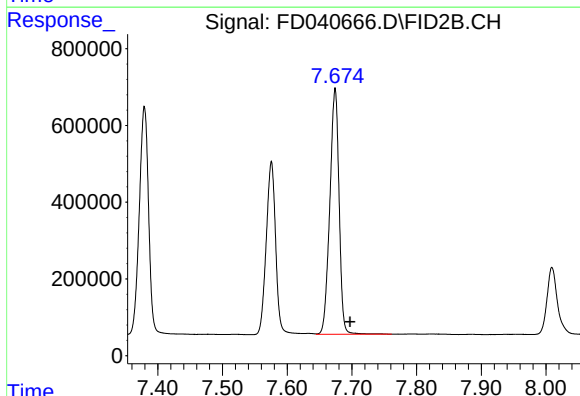
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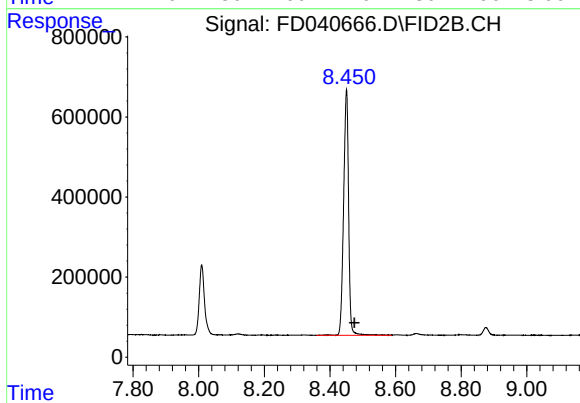
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.575 min
Delta R.T.: -0.026 min
Response: 4578192
Conc: 48.08 ug/ml



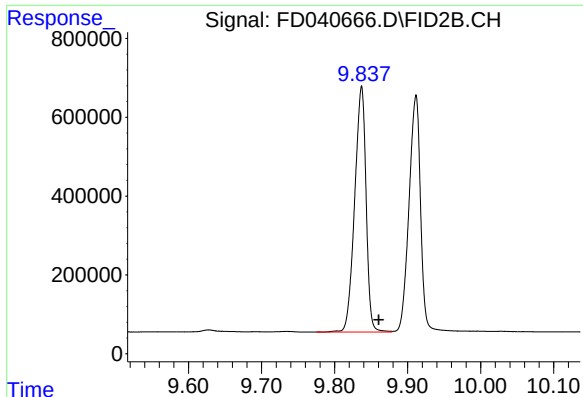
#7 Acenaphthene (C15.5)

R.T.: 7.673 min
Delta R.T.: -0.024 min
Response: 6379501
Conc: 39.58 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.450 min
Delta R.T.: -0.025 min
Response: 6484262
Conc: 41.72 ug/ml



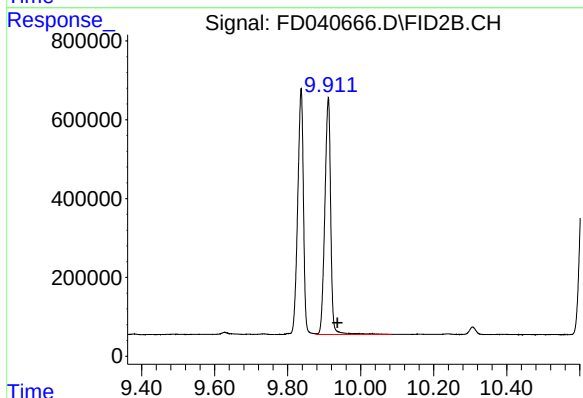
#9 Phenanthrene (C19.36)

R.T.: 9.836 min
Delta R.T.: -0.025 min
Response: 6757486
Conc: 43.92 ug/ml

Instrument :
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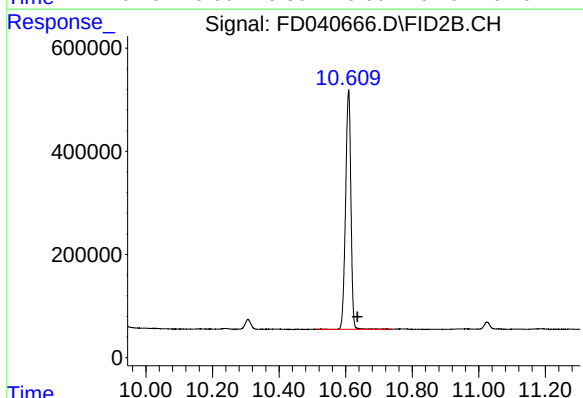
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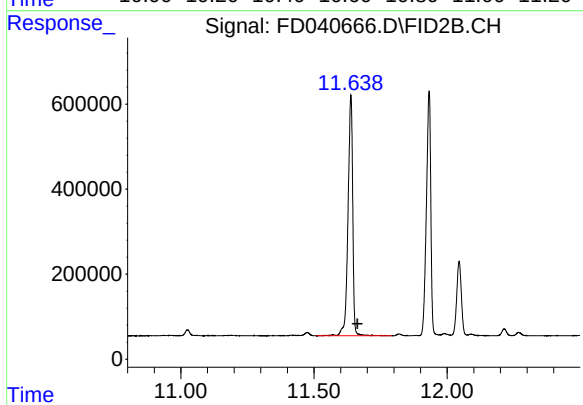
#10 Anthracene (C19.43)

R.T.: 9.910 min
Delta R.T.: -0.026 min
Response: 6698086
Conc: 45.85 ug/ml



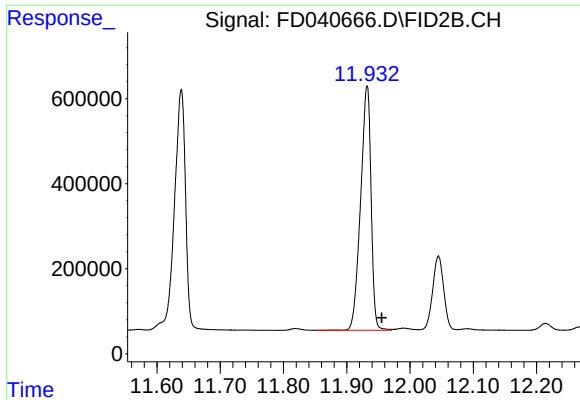
#11 ortho-Terphenyl (SURR)

R.T.: 10.608 min
Delta R.T.: -0.028 min
Response: 5123982
Conc: 32.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.637 min
Delta R.T.: -0.025 min
Response: 6995725
Conc: 45.05 ug/ml



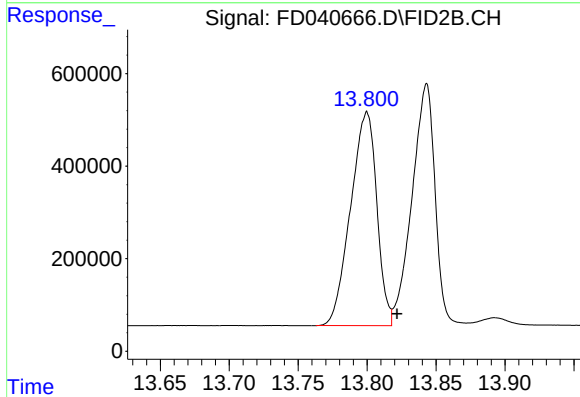
#13 Pyrene (C20.8)

R.T.: 11.931 min
Delta R.T.: -0.025 min
Response: 6623014
Conc: 43.88 ug/ml

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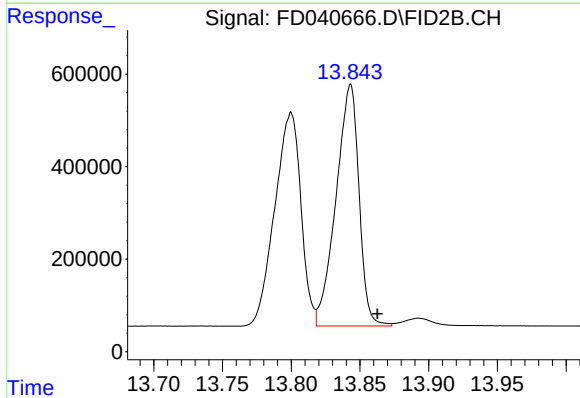
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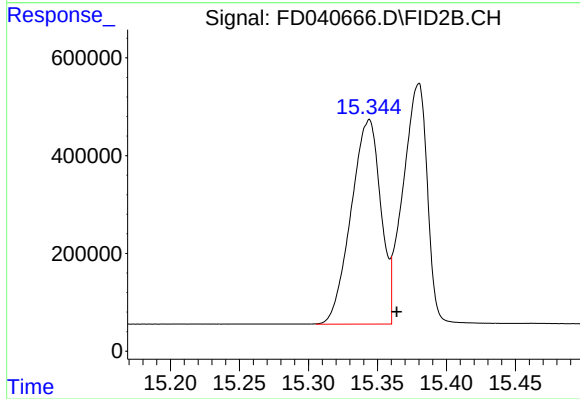
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.800 min
Delta R.T.: -0.022 min
Response: 6119170
Conc: 46.13 ug/ml m



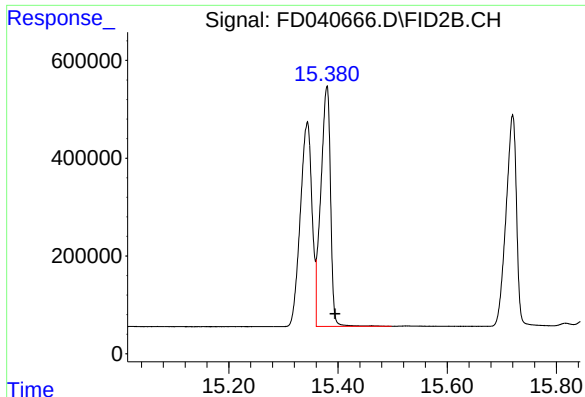
#15 Chrysene (C27.41)

R.T.: 13.842 min
Delta R.T.: -0.021 min
Response: 6086486
Conc: 41.62 ug/ml



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

R.T.: 15.344 min
Delta R.T.: -0.020 min
Response: 6281244
Conc: 45.97 ug/ml m



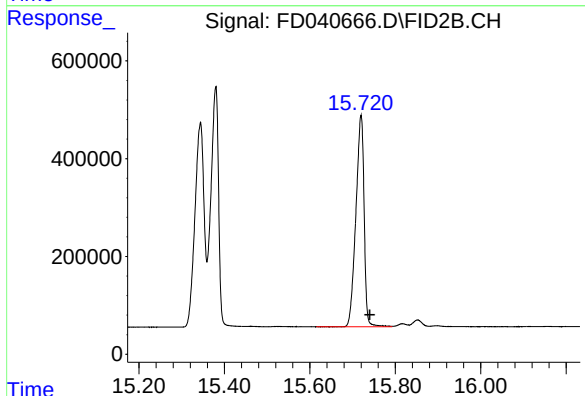
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.378 min
Delta R.T.: -0.017 min
Response: 6089055
Conc: 43.99 ug/ml

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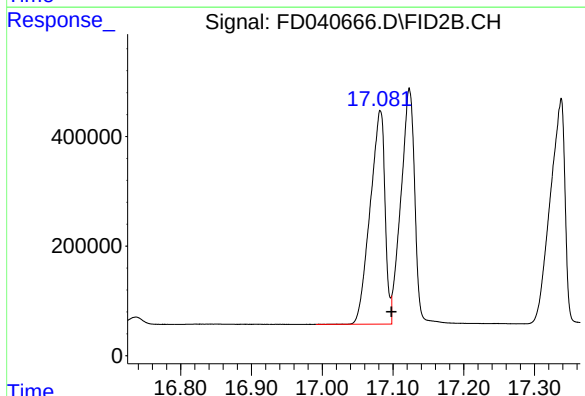
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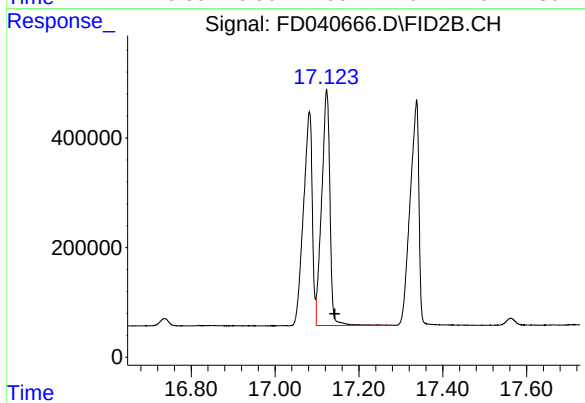
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.718 min
Delta R.T.: -0.022 min
Response: 5787326
Conc: 44.40 ug/ml



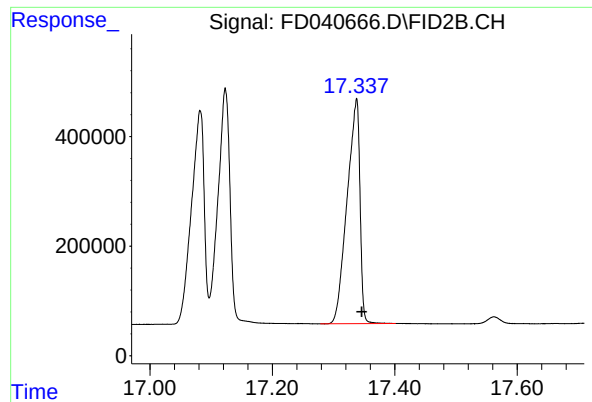
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.080 min
Delta R.T.: -0.018 min
Response: 5703908
Conc: 46.81 ug/ml



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

R.T.: 17.122 min
Delta R.T.: -0.021 min
Response: 5881136
Conc: 48.35 ug/ml



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

R.T.: 17.334 min
Delta R.T.: -0.012 min
Response: 5984148
Conc: 46.60 ug/ml

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