

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011822AR\
 Data File : FD040670.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2022 22:34
 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 01:27:03 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...	6.726	2725198	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
6) S 2-Fluorobiphenyl (SURR)	7.573	1785116	18.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.49%
11) S ortho-Terphenyl (SURR)	10.606	2979656	19.066 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.586	3062110	19.796 ug/ml
2) T Naphthalene (C11.7)	5.076	3161806	19.755 ug/ml
3) T 2-Methylnaphthalene (...)	6.115	3138100	19.332 ug/ml
5) T Acenaphthylene (C15.06)	7.377	3004890	19.990 ug/ml
7) T Acenaphthene (C15.5)	7.671	3294814	20.441 ug/ml
8) T Flouorene (C16.55)	8.447	2898453	18.648 ug/ml
9) T Phenanthrene (C19.36)	9.832	2804950	18.232 ug/ml
10) T Anthracene (C19.43)	9.906	2411014	16.503 ug/ml
12) T Fluoranthene (C21.85)	11.632	2780078	17.904 ug/ml
13) T Pyrene (C20.8)	11.926	2857171	18.929 ug/ml
14) T Benzo[a]anthracene (C...	13.793	2563841	19.326 ug/mlm
15) T Chrysene (C27.41)	13.834	2843556	19.445 ug/ml
16) T benzo[b]fluoranthene ...	15.337	2655780	19.436 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.368	2894933	20.914 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.710	2503157	19.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.071	2482560	20.373 ug/mlm
20) T Dibenz[a,h]anthracene...	17.114	2500965	20.561 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.322	2508886	19.539 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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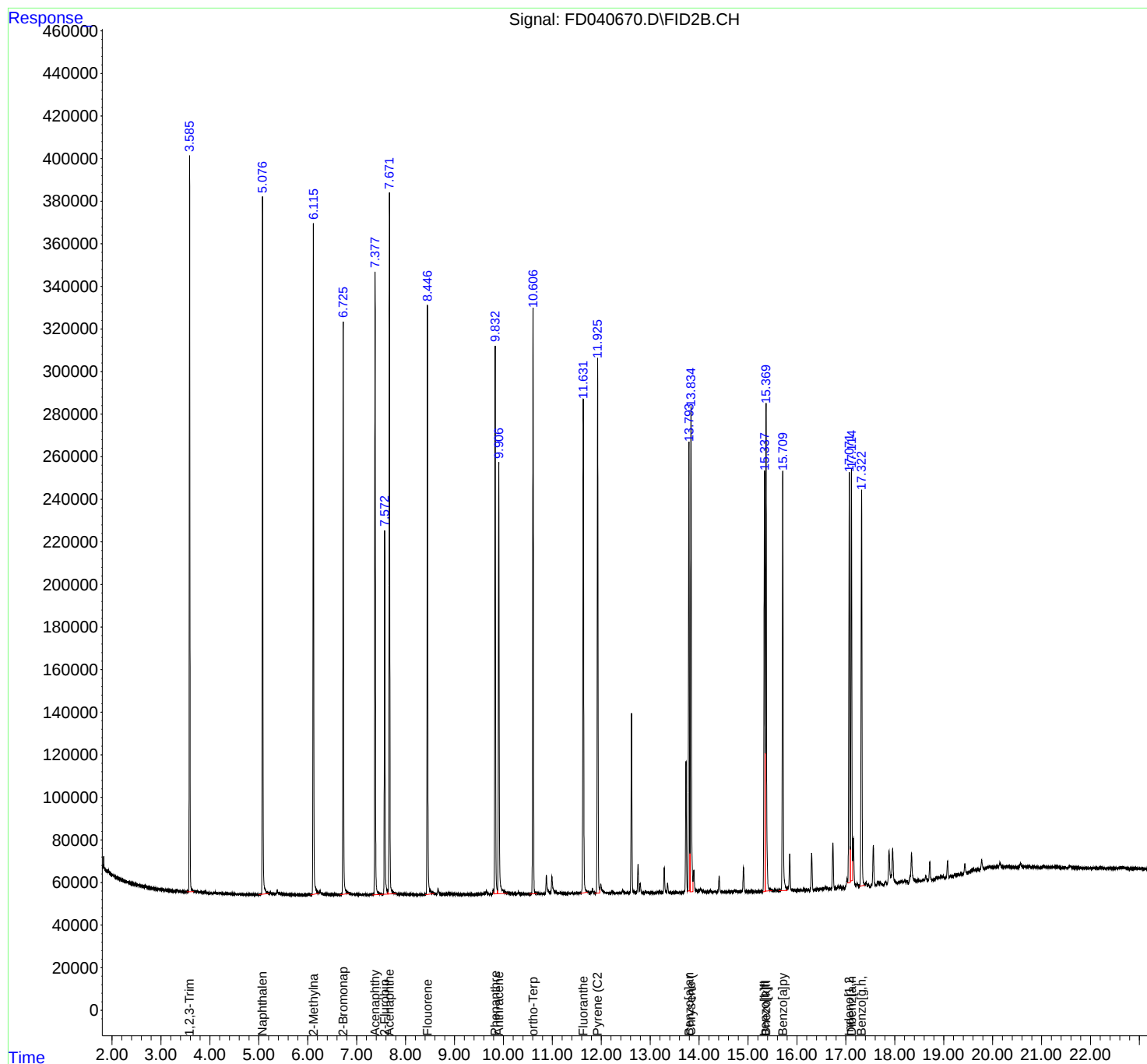
Instrument :
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 20 PPM AROMATIC HC STD

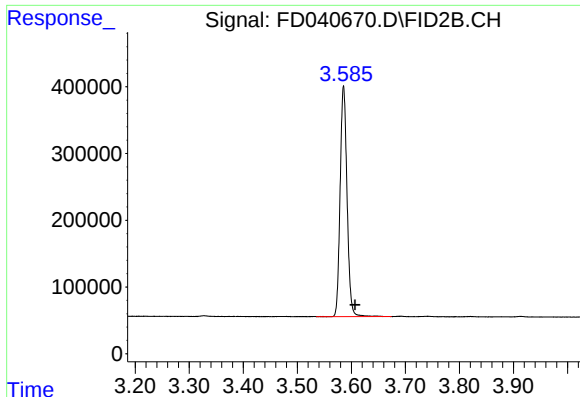
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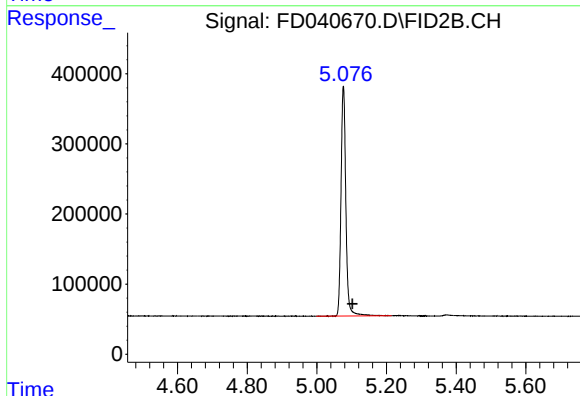
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.586 min
Delta R.T.: -0.021 min
Response: 3062110
Conc: 19.80 ug/ml

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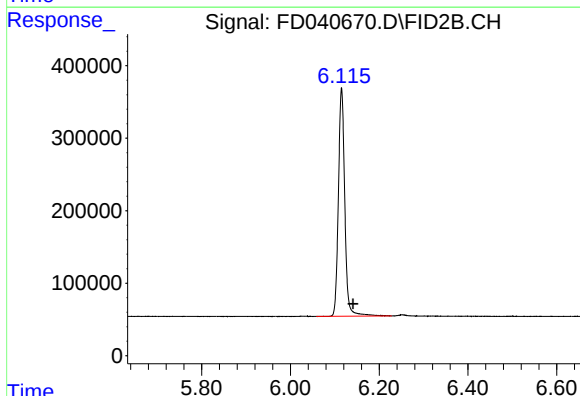
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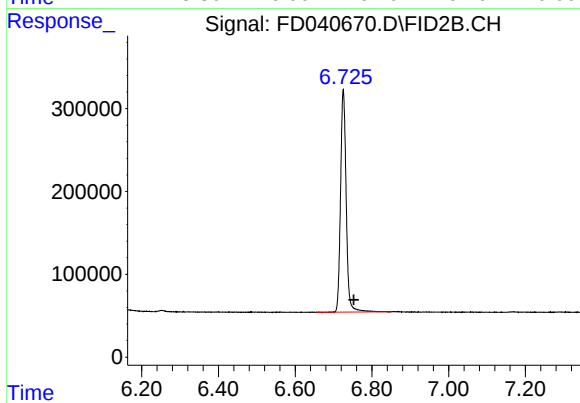
#2 Naphthalene (C11.7)

R.T.: 5.076 min
Delta R.T.: -0.026 min
Response: 3161806
Conc: 19.76 ug/ml



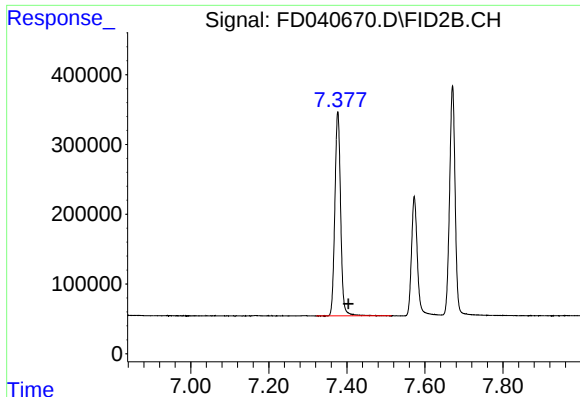
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.115 min
Delta R.T.: -0.026 min
Response: 3138100
Conc: 19.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.726 min
Delta R.T.: -0.027 min
Response: 2725198
Conc: 19.05 ug/ml



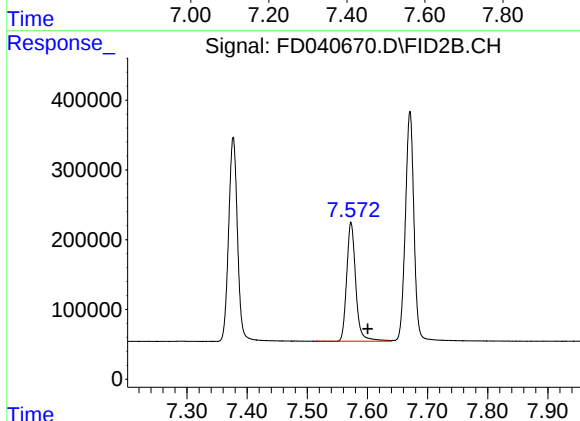
#5 Acenaphthylene (C15.06)

R.T.: 7.377 min
Delta R.T.: -0.027 min
Response: 3004890
Conc: 19.99 ug/ml

Instrument :
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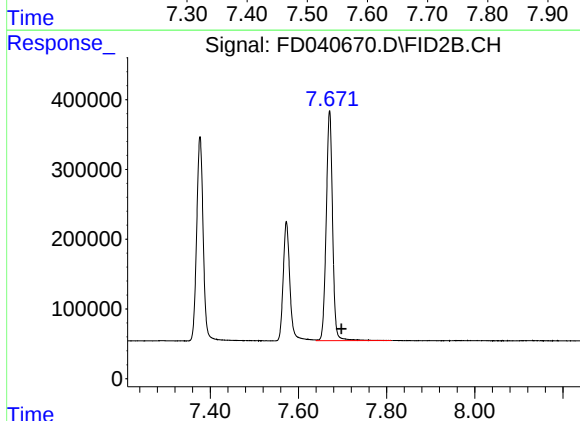
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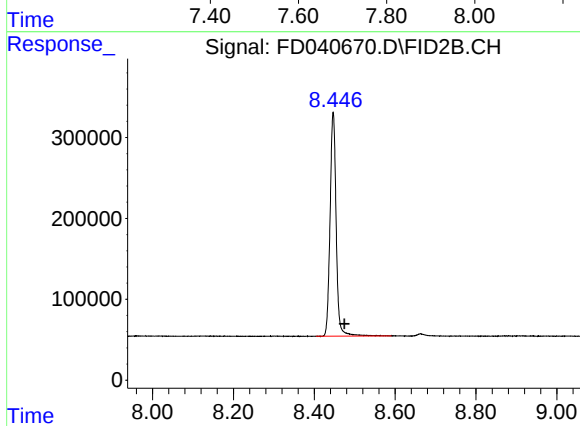
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.573 min
Delta R.T.: -0.028 min
Response: 1785116
Conc: 18.75 ug/ml



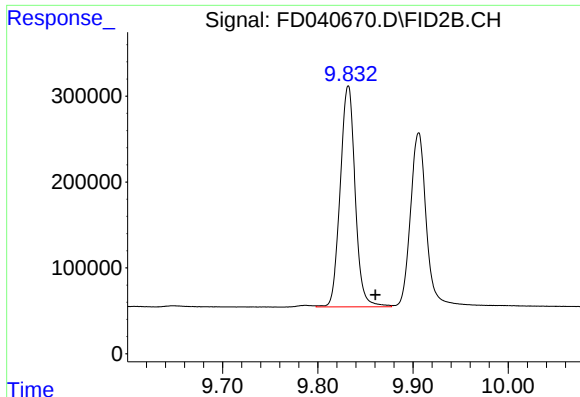
#7 Acenaphthene (C15.5)

R.T.: 7.671 min
Delta R.T.: -0.027 min
Response: 3294814
Conc: 20.44 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.447 min
Delta R.T.: -0.028 min
Response: 2898453
Conc: 18.65 ug/ml



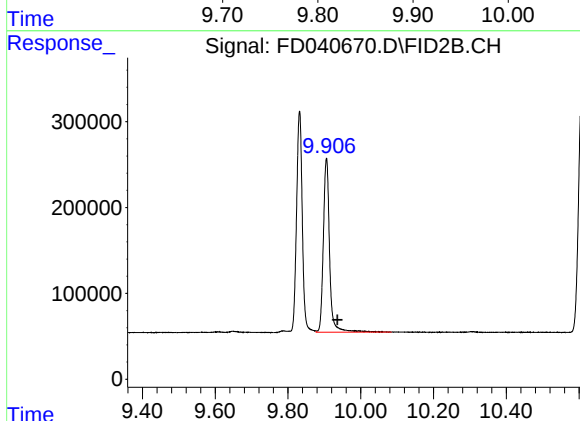
#9 Phenanthrene (C19.36)

R.T.: 9.832 min
Delta R.T.: -0.029 min
Response: 2804950
Conc: 18.23 ug/ml

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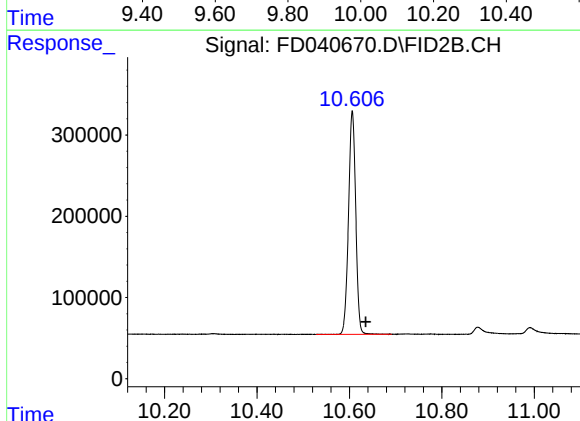
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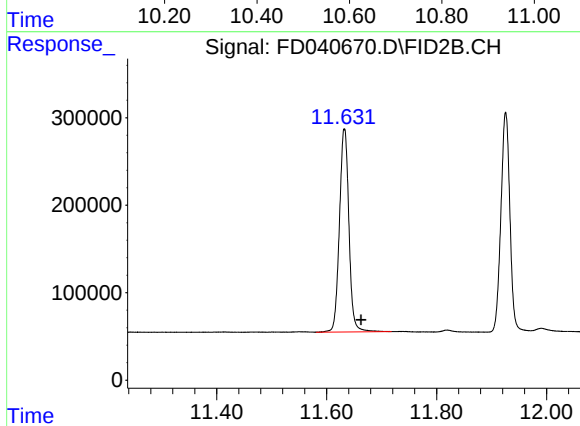
#10 Anthracene (C19.43)

R.T.: 9.906 min
Delta R.T.: -0.031 min
Response: 2411014
Conc: 16.50 ug/ml



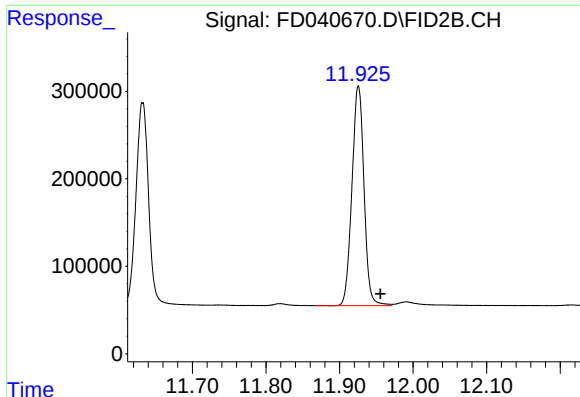
#11 ortho-Terphenyl (SURR)

R.T.: 10.606 min
Delta R.T.: -0.029 min
Response: 2979656
Conc: 19.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.632 min
Delta R.T.: -0.030 min
Response: 2780078
Conc: 17.90 ug/ml



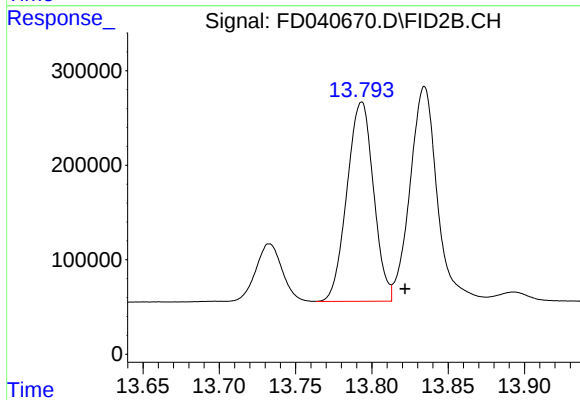
#13 Pyrene (C20.8)

R.T.: 11.926 min
Delta R.T.: -0.030 min
Response: 2857171
Conc: 18.93 ug/ml

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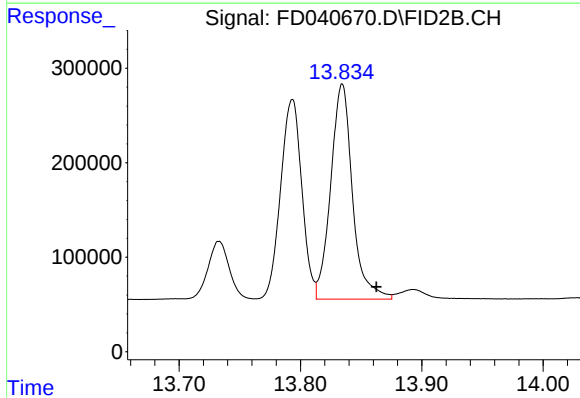
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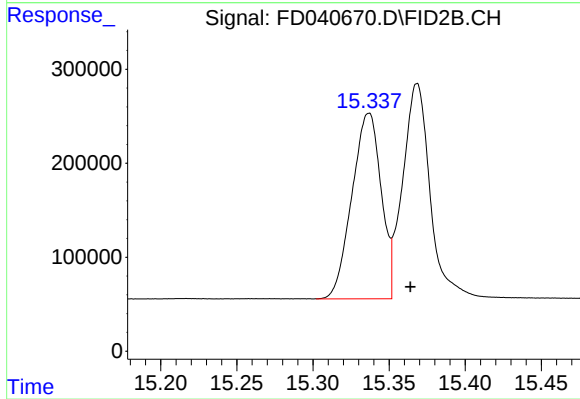
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.793 min
Delta R.T.: -0.028 min
Response: 2563841
Conc: 19.33 ug/ml m



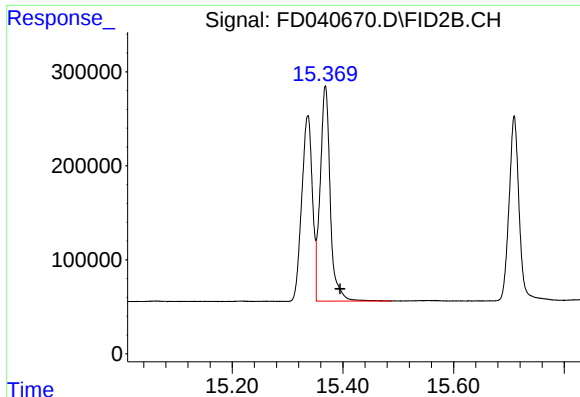
#15 Chrysene (C27.41)

R.T.: 13.834 min
Delta R.T.: -0.028 min
Response: 2843556
Conc: 19.45 ug/ml



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

R.T.: 15.337 min
Delta R.T.: -0.027 min
Response: 2655780
Conc: 19.44 ug/ml m



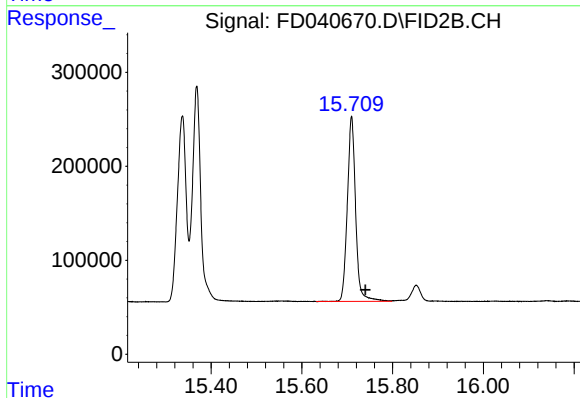
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.368 min
Delta R.T.: -0.026 min
Response: 2894933
Conc: 20.91 ug/ml

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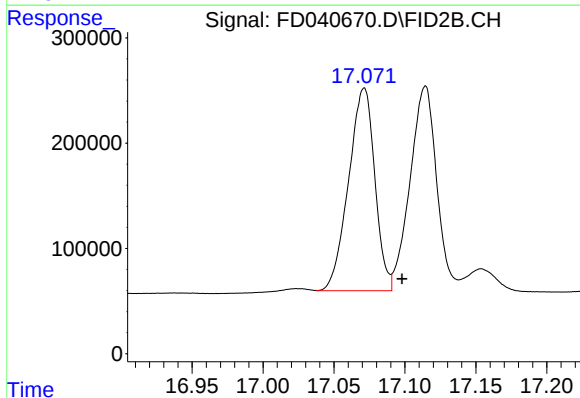
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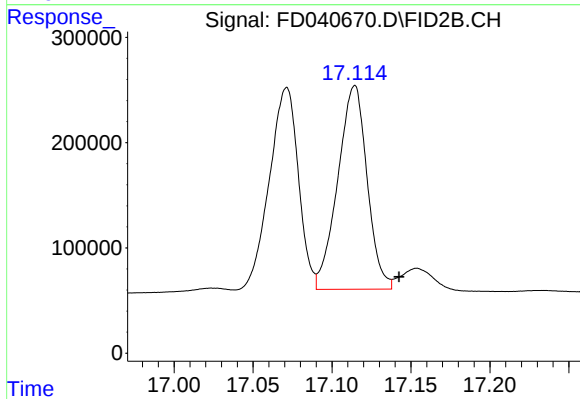
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.710 min
Delta R.T.: -0.031 min
Response: 2503157
Conc: 19.20 ug/ml



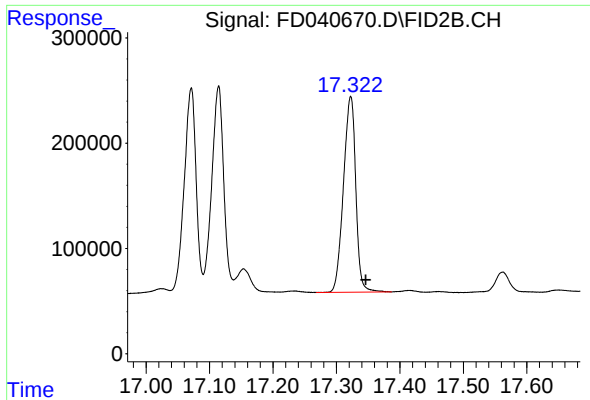
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.071 min
Delta R.T.: -0.027 min
Response: 2482560
Conc: 20.37 ug/ml m



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

R.T.: 17.114 min
Delta R.T.: -0.028 min
Response: 2500965
Conc: 20.56 ug/ml m



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

R.T.: 17.322 min
Delta R.T.: -0.024 min
Response: 2508886
Conc: 19.54 ug/ml

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