

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020422AR\
 Data File : FD040887.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2022 12:31
 Operator : AJ\MA
 Sample : PB142483BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB142483BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2022
 Supervised By :Ankita Jodhani 02/07/2022

Integration File: autoint1.e
 Quant Time: Feb 05 00:23:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 06:38:14 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...	6.719	5928928	49.209 ug/ml
Spiked Amount 50.000		Recovery =	98.42%
6) S 2-Fluorobiphenyl (SURR)	7.567	4095365	51.480 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.96%
11) S ortho-Terphenyl (SURR)	10.597	6441915	45.834 ug/ml
Spiked Amount 50.000		Recovery =	91.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.582	5767518	43.760 ug/ml
2) T Naphthalene (C11.7)	5.070	6676320	49.155 ug/ml
3) T 2-Methylnaphthalene (...)	6.110	6783116	49.377 ug/ml
5) T Acenaphthylene (C15.06)	7.371	7203059	52.324 ug/ml
7) T Acenaphthene (C15.5)	7.666	7665223	51.470 ug/ml
8) T Flouorene (C16.55)	8.441	7663979	57.387 ug/ml
9) T Phenanthrene (C19.36)	9.827	8093188	60.229 ug/ml
10) T Anthracene (C19.43)	9.902	8133636	60.178 ug/ml
12) T Fluoranthene (C21.85)	11.628	8840389	63.392 ug/ml
13) T Pyrene (C20.8)	11.922	8281886	58.546 ug/ml
14) T Benzo[a]anthracene (C...	13.789	8025385	60.528 ug/ml
15) T Chrysene (C27.41)	13.834	7851886	52.459 ug/ml
16) T benzo[b]fluoranthene ...	15.335	8102930	59.289 ug/ml
17) T Bnezo[k]fluoranthene ...	15.372	7674321	53.020 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.711	7504714	56.939 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.074	7083001	56.906 ug/ml
20) T Dibenz[a,h]anthracene...	17.115	7252316	53.718 ug/ml
21) T Benzo[g,h,i]perylene ...	17.329	7303022	58.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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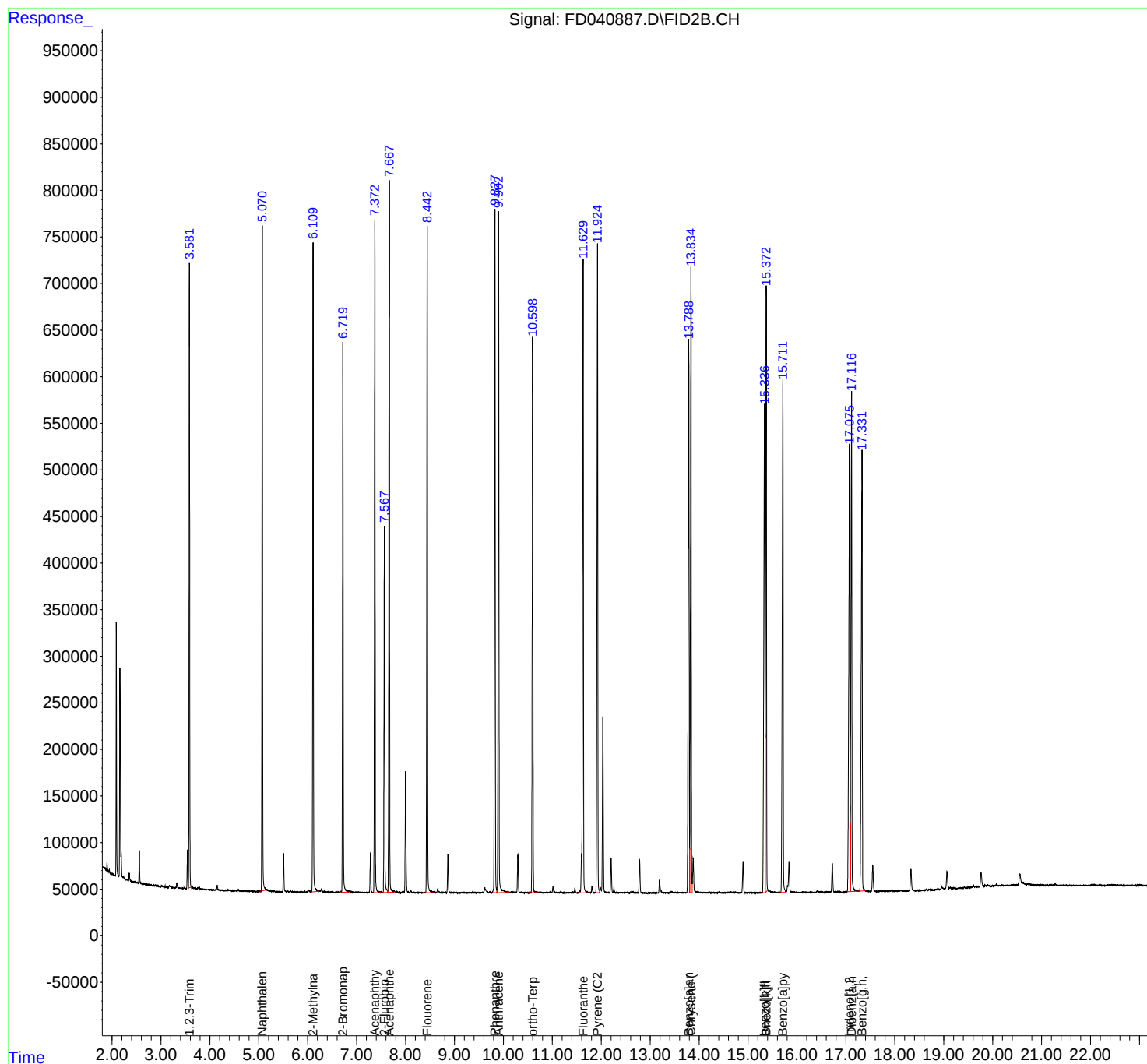
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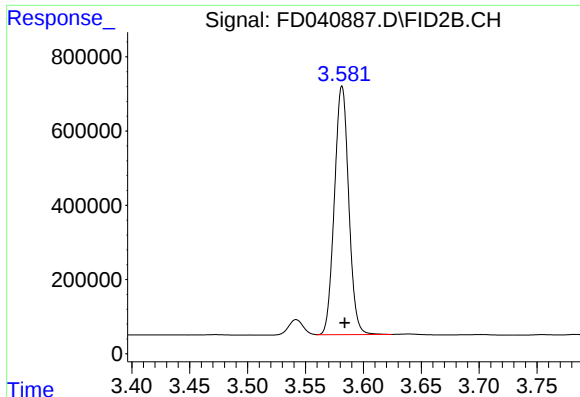
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.582 min
Delta R.T.: -0.002 min
Response: 5767518
Conc: 43.76 ug/ml

Instrument :

FID_D

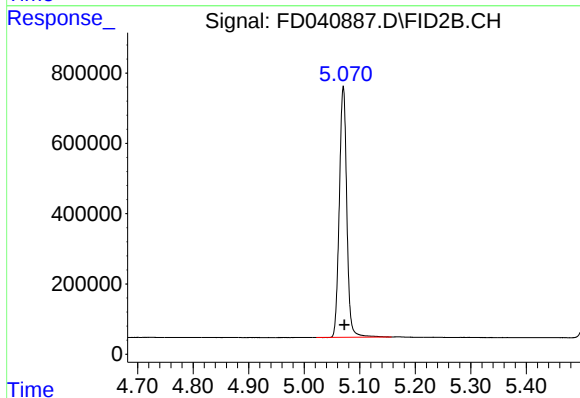
ClientSampleId :

PB142483BSD

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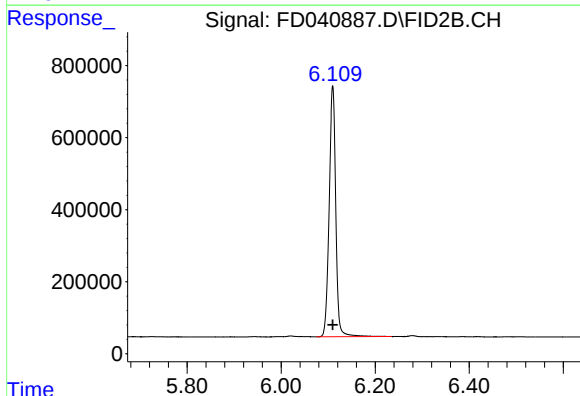
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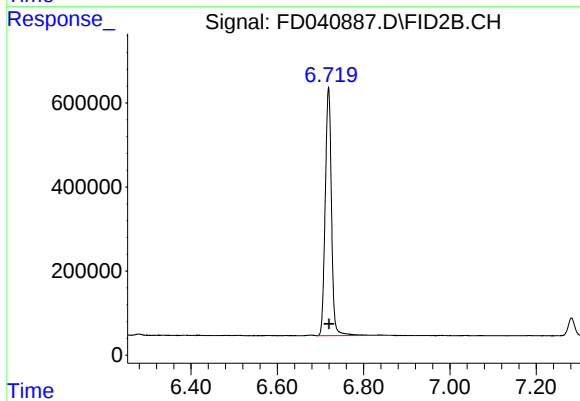
#2 Naphthalene (C11.7)

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 6676320
Conc: 49.15 ug/ml



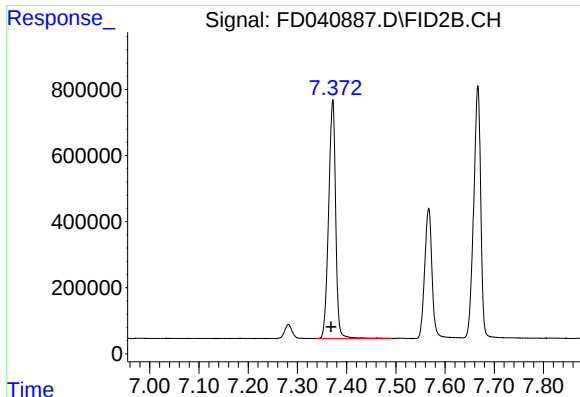
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 6783116
Conc: 49.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 5928928
Conc: 49.21 ug/ml



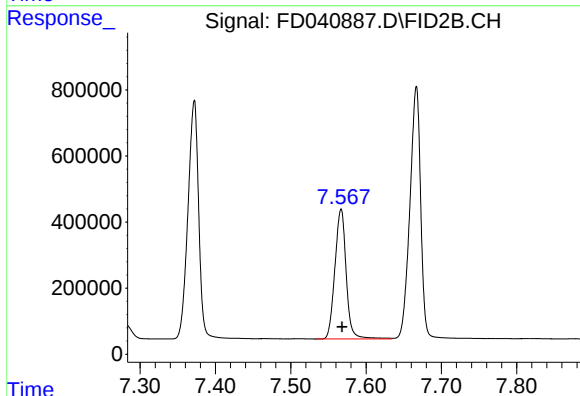
#5 Acenaphthylene (C15.06)

R.T.: 7.371 min
Delta R.T.: 0.003 min
Response: 7203059
Conc: 52.32 ug/ml

Instrument :
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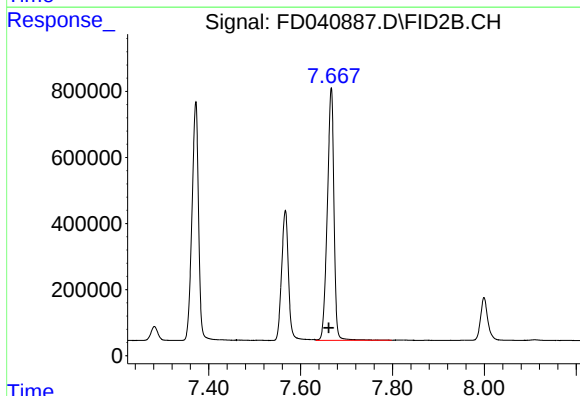
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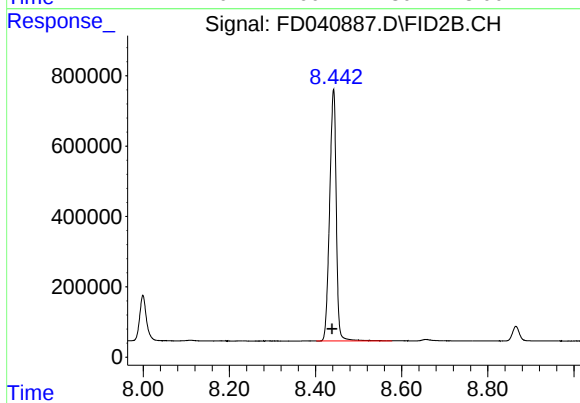
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.567 min
Delta R.T.: -0.001 min
Response: 4095365
Conc: 51.48 ug/ml



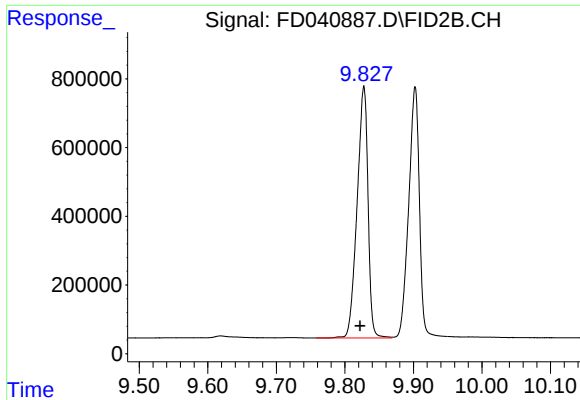
#7 Acenaphthene (C15.5)

R.T.: 7.666 min
Delta R.T.: 0.005 min
Response: 7665223
Conc: 51.47 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.441 min
Delta R.T.: 0.003 min
Response: 7663979
Conc: 57.39 ug/ml



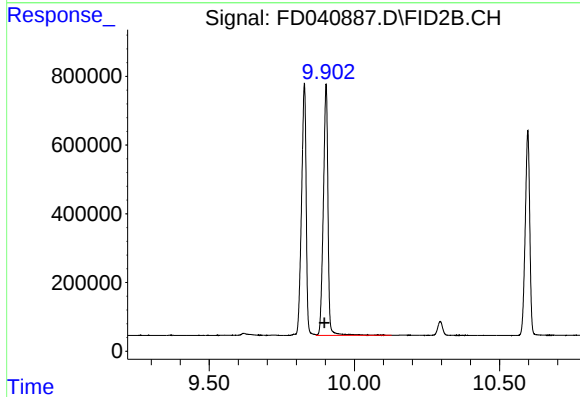
#9 Phenanthrene (C19.36)

R.T.: 9.827 min
Delta R.T.: 0.005 min
Response: 8093188
Conc: 60.23 ug/ml

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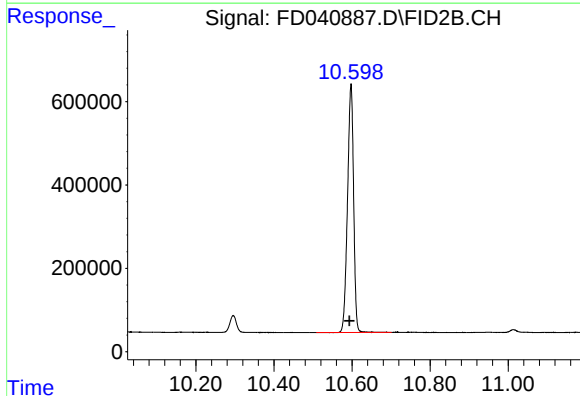
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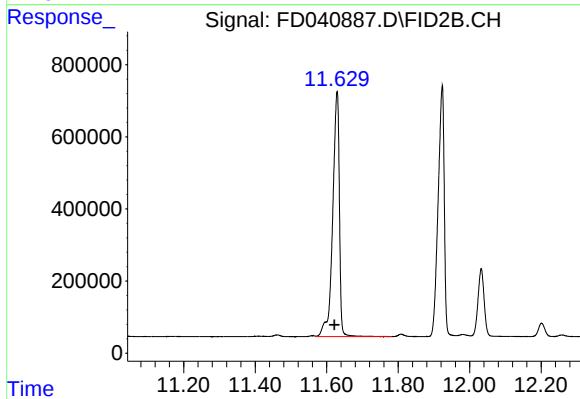
#10 Anthracene (C19.43)

R.T.: 9.902 min
Delta R.T.: 0.005 min
Response: 8133636
Conc: 60.18 ug/ml



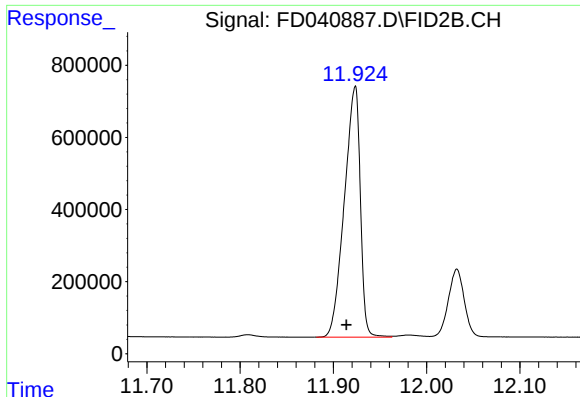
#11 ortho-Terphenyl (SURR)

R.T.: 10.597 min
Delta R.T.: 0.003 min
Response: 6441915
Conc: 45.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.628 min
Delta R.T.: 0.007 min
Response: 8840389
Conc: 63.39 ug/ml



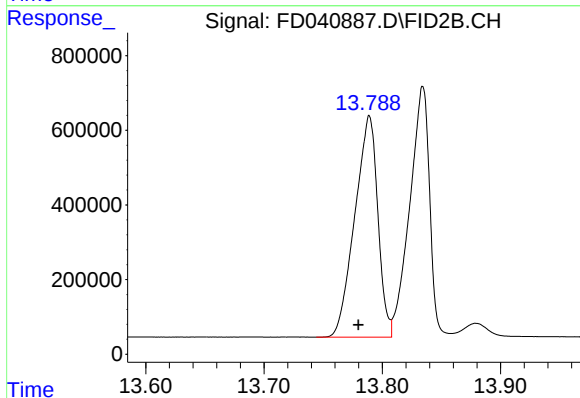
#13 Pyrene (C20.8)

R.T.: 11.922 min
Delta R.T.: 0.008 min
Response: 8281886
Conc: 58.55 ug/ml

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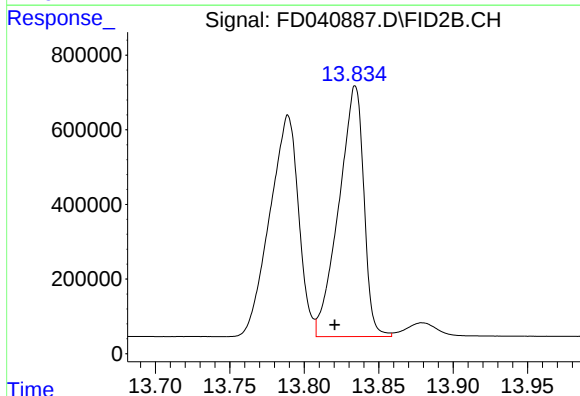
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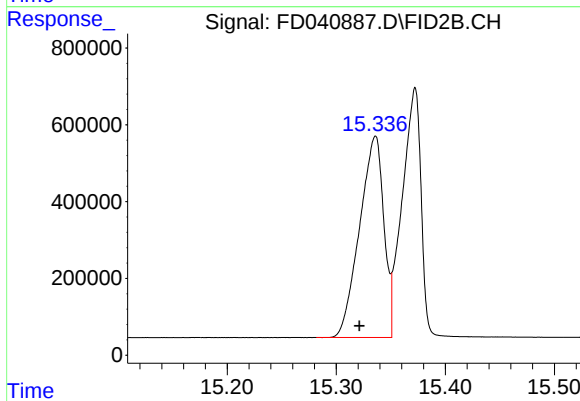
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.789 min
Delta R.T.: 0.009 min
Response: 8025385
Conc: 60.53 ug/ml



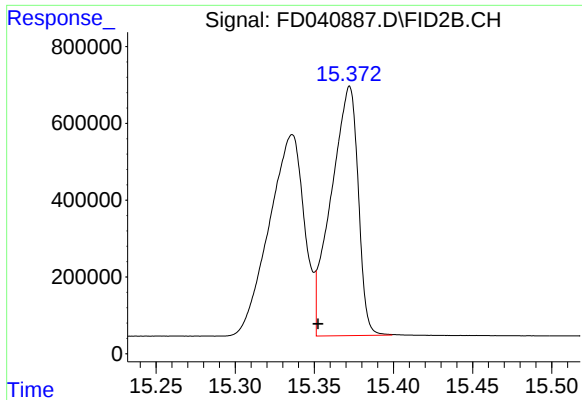
#15 Chrysene (C27.41)

R.T.: 13.834 min
Delta R.T.: 0.013 min
Response: 7851886
Conc: 52.46 ug/ml



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

R.T.: 15.335 min
Delta R.T.: 0.014 min
Response: 8102930
Conc: 59.29 ug/ml



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

R.T.: 15.372 min
Delta R.T.: 0.020 min
Response: 7674321
Conc: 53.02 ug/ml

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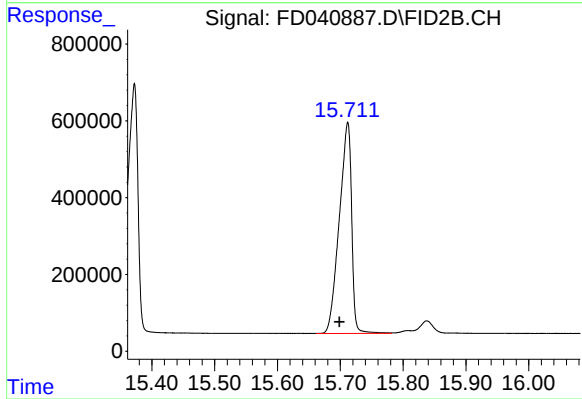
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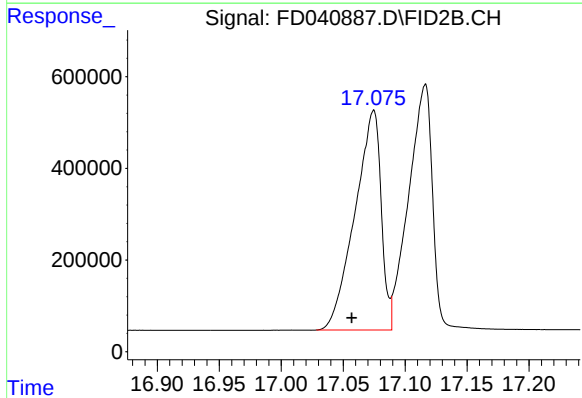
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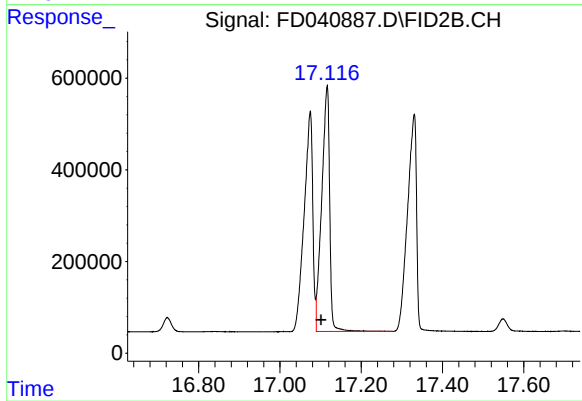
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.711 min
Delta R.T.: 0.013 min
Response: 7504714
Conc: 56.94 ug/ml



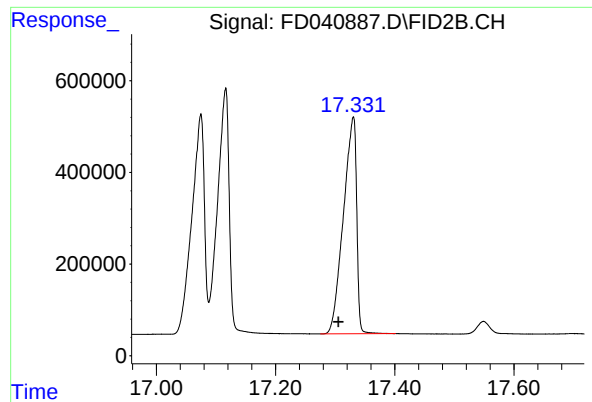
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.074 min
Delta R.T.: 0.017 min
Response: 7083001
Conc: 56.91 ug/ml



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

R.T.: 17.115 min
Delta R.T.: 0.014 min
Response: 7252316
Conc: 53.72 ug/ml



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

R.T.: 17.329 min
Delta R.T.: 0.024 min
Response: 7303022
Conc: 58.44 ug/ml

Instrument :

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