

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040303.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 16:21
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 30 16:54:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 2021
 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...	6.814	2343794	17.838 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
6) S 2-Fluorobiphenyl (SURR)	7.664	1513690	17.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.65%
11) S ortho-Terphenyl (SURR)	10.699	2556205	18.294 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.667	2773525	18.442 ug/ml
2) T Naphthalene (C11.7)	5.164	2764899	18.327 ug/ml
3) T 2-Methylnaphthalene (...)	6.205	2728434	18.171 ug/ml
5) T Acenaphthylene (C15.06)	7.469	2578671	18.942 ug/ml
7) T Acenaphthene (C15.5)	7.762	2767120	19.048 ug/ml
8) T Fluorene (C16.55)	8.538	2412968	17.474 ug/ml
9) T Phenanthrene (C19.36)	9.925	2369260	17.575 ug/ml
10) T Anthracene (C19.43)	9.999	2292660	18.230 ug/ml
12) T Fluoranthene (C21.85)	11.727	2333628	17.376 ug/ml
13) T Pyrene (C20.8)	12.021	2432565	18.622 ug/ml
14) T Benzo[a]anthracene (C...	13.888	2177148	18.633 ug/ml
15) T Chrysene (C27.41)	13.929	2324590	18.593 ug/ml
16) T benzo[b]fluoranthene ...	15.431	2276744	18.355 ug/ml
17) T Bnezo[k]fluoranthene ...	15.464	2300720	18.516 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.805	2162035	17.960 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.164	2085679	17.970 ug/ml
20) T Dibenz[a,h]anthracene...	17.207	2082051	18.318 ug/ml
21) T Benzo[g,h,i]perylene ...	17.417	2121158	17.381 ug/ml

(f)=RT Delta > 1/2 Window

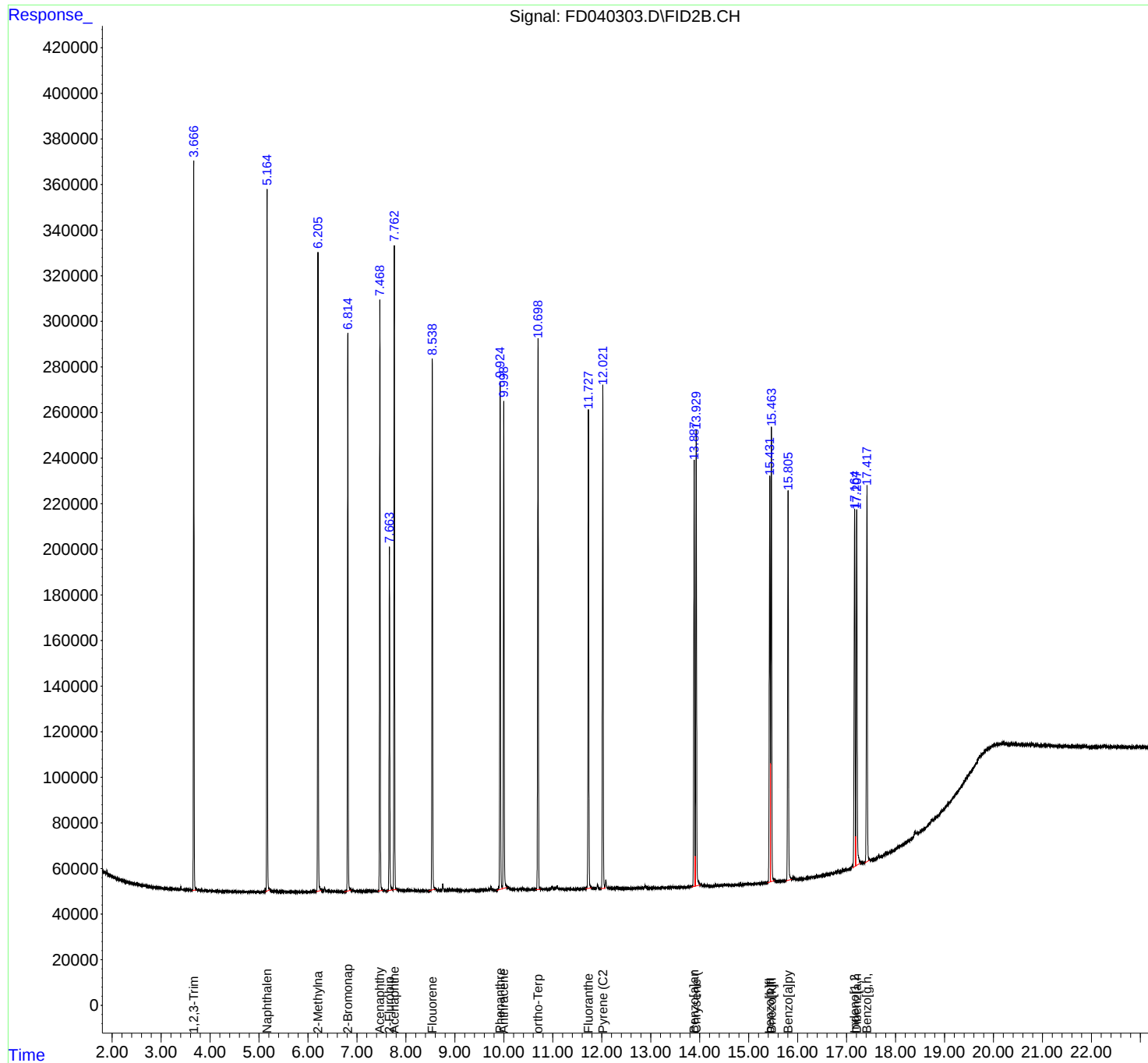
(m)=manual int.

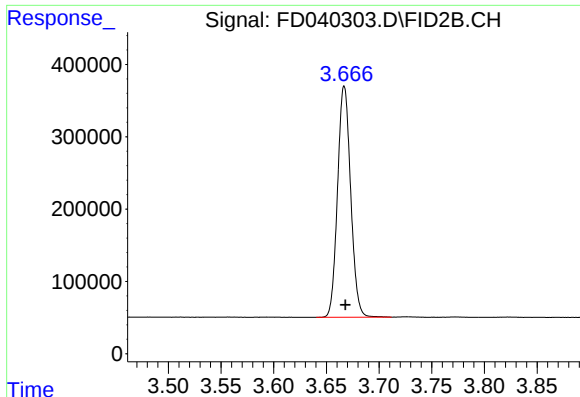
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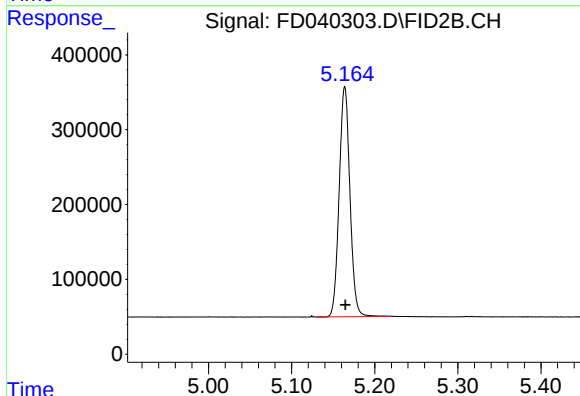




#1 1,2,3-Trimethylbenzene (C10.1)

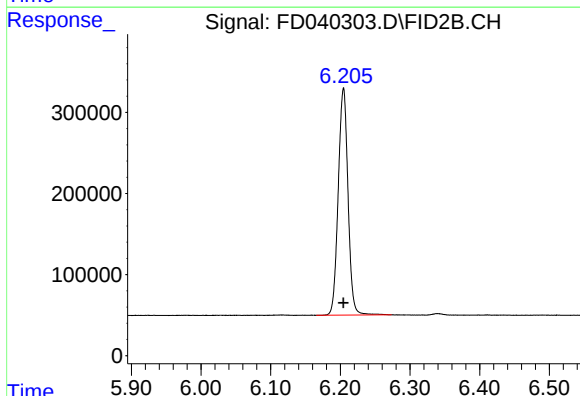
R.T.: 3.667 min
Delta R.T.: -0.001 min
Response: 2773525
Conc: 18.44 ug/ml

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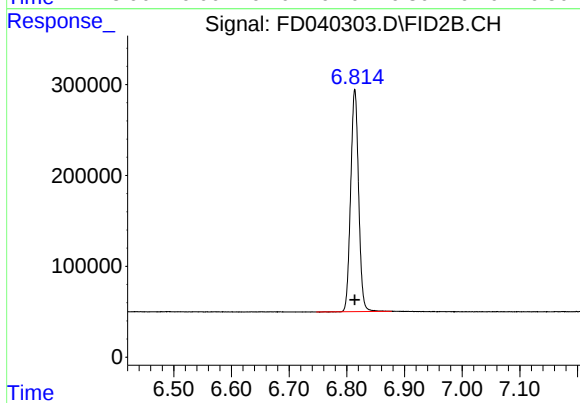
#2 Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 2764899
Conc: 18.33 ug/ml



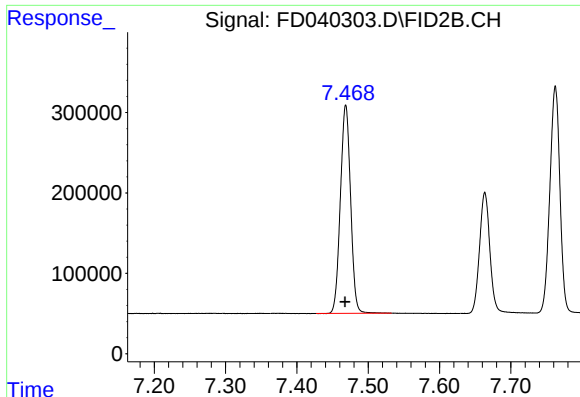
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2728434
Conc: 18.17 ug/ml



#4 2-Bromonaphthalene (SURR)

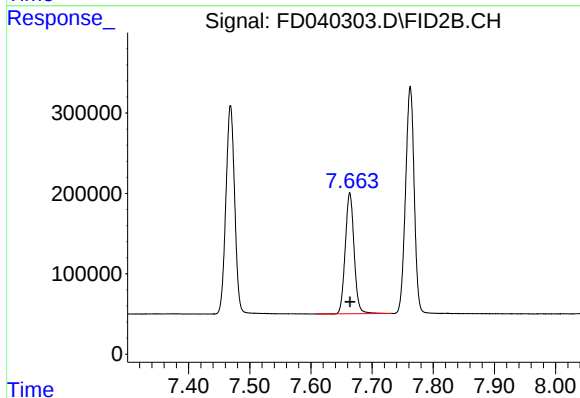
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 2343794
Conc: 17.84 ug/ml



#5 Acenaphthylene (C15.06)

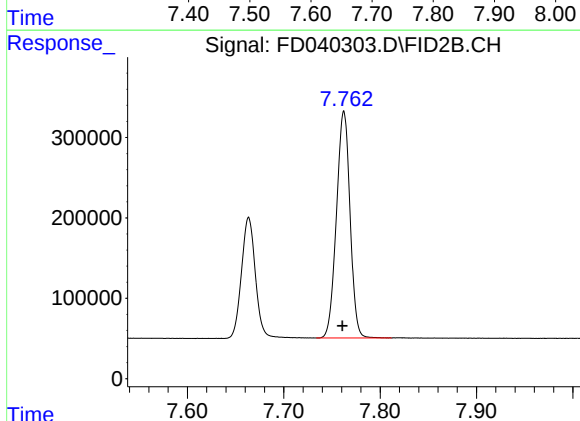
R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 2578671
Conc: 18.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



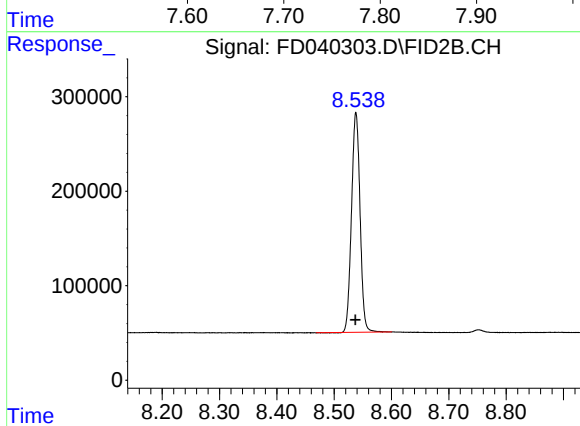
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 1513690
Conc: 17.83 ug/ml



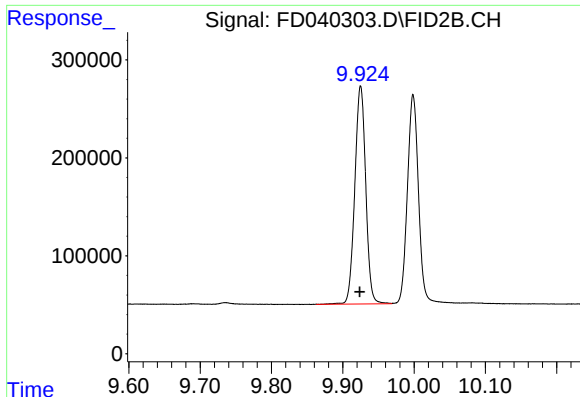
#7 Acenaphthene (C15.5)

R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 2767120
Conc: 19.05 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 2412968
Conc: 17.47 ug/ml



#9 Phenanthrene (C19.36)

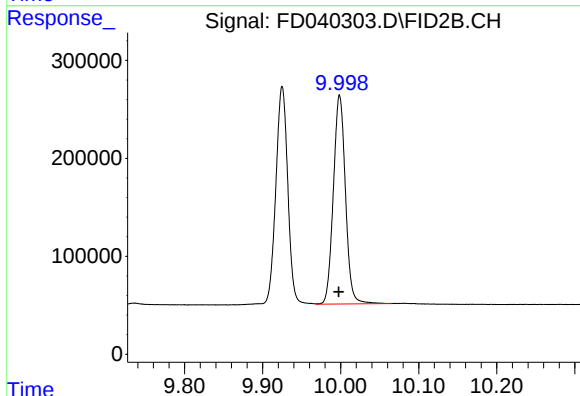
R.T.: 9.925 min
Delta R.T.: 0.001 min
Response: 2369260
Conc: 17.57 ug/ml

Instrument :

FID_D

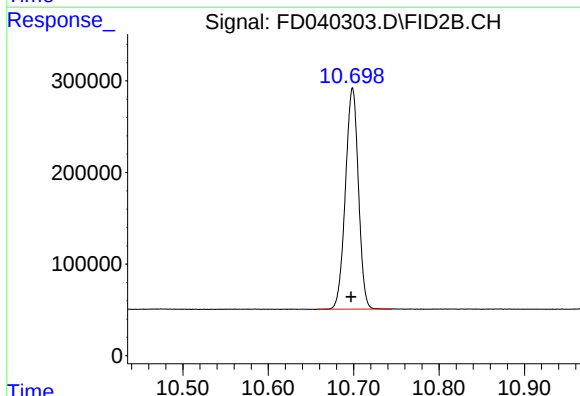
ClientSampleId :

20 PPM AROMATIC HC STD ICV



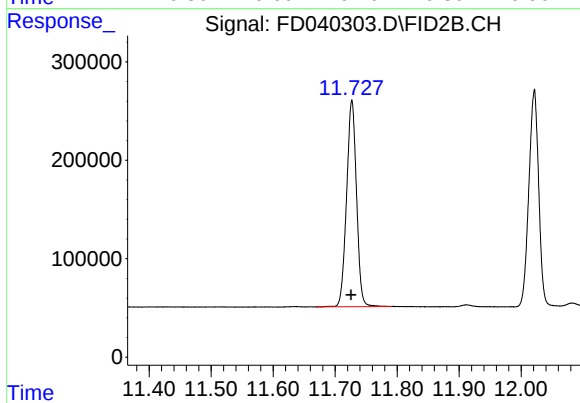
#10 Anthracene (C19.43)

R.T.: 9.999 min
Delta R.T.: 0.001 min
Response: 2292660
Conc: 18.23 ug/ml



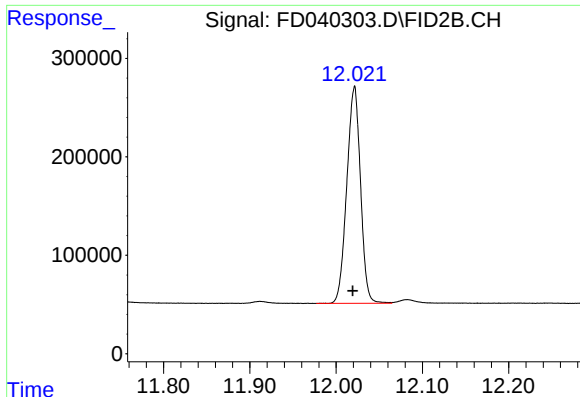
#11 ortho-Terphenyl (SURR)

R.T.: 10.699 min
Delta R.T.: 0.002 min
Response: 2556205
Conc: 18.29 ug/ml



#12 Fluoranthene (C21.85)

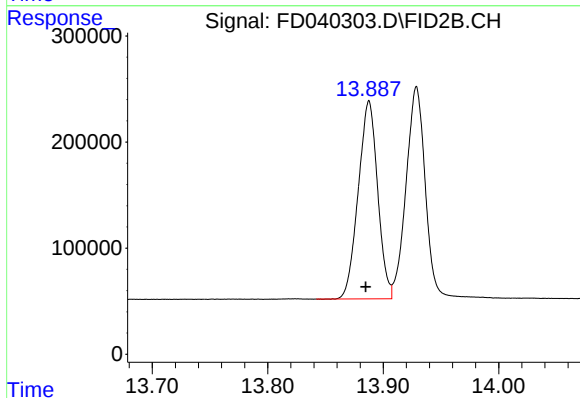
R.T.: 11.727 min
Delta R.T.: 0.001 min
Response: 2333628
Conc: 17.38 ug/ml



#13 Pyrene (C20.8)

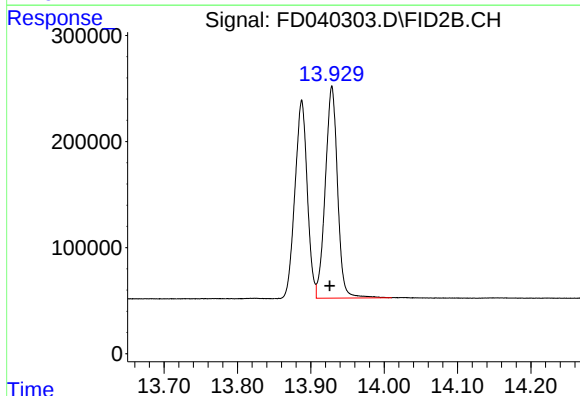
R.T.: 12.021 min
Delta R.T.: 0.002 min
Response: 2432565
Conc: 18.62 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



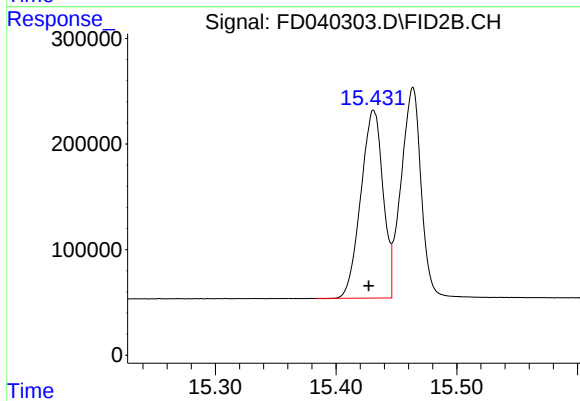
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.888 min
Delta R.T.: 0.003 min
Response: 2177148
Conc: 18.63 ug/ml



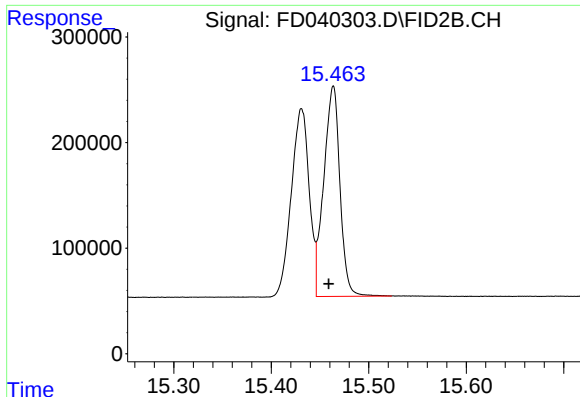
#15 Chrysene (C27.41)

R.T.: 13.929 min
Delta R.T.: 0.003 min
Response: 2324590
Conc: 18.59 ug/ml



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

R.T.: 15.431 min
Delta R.T.: 0.004 min
Response: 2276744
Conc: 18.36 ug/ml



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

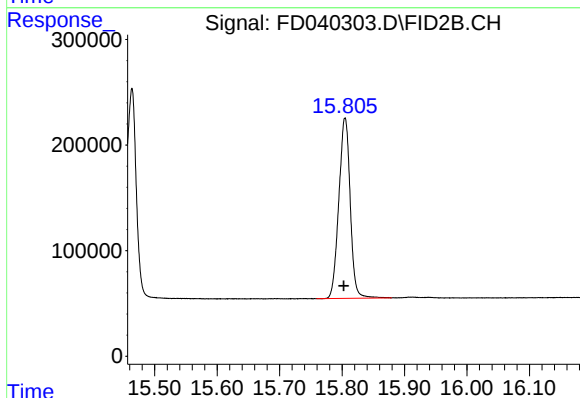
R.T.: 15.464 min
Delta R.T.: 0.005 min
Response: 2300720
Conc: 18.52 ug/ml

Instrument :

FID_D

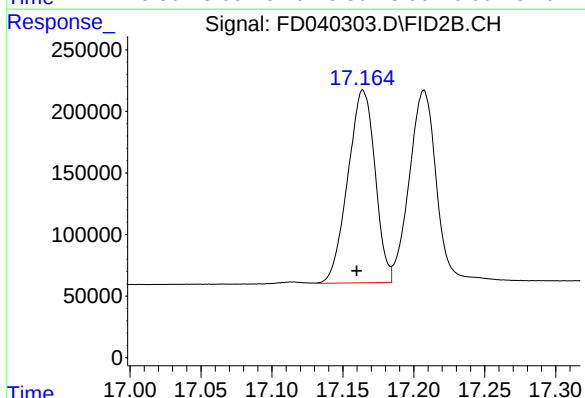
ClientSampleId :

20 PPM AROMATIC HC STD ICV



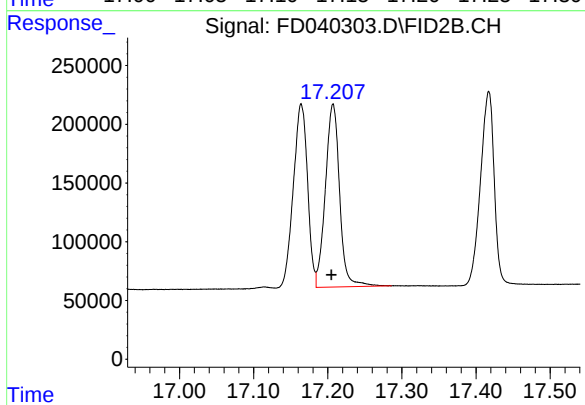
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.805 min
Delta R.T.: 0.002 min
Response: 2162035
Conc: 17.96 ug/ml



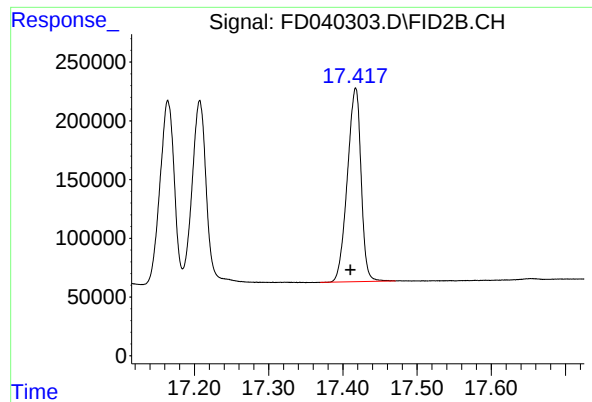
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.164 min
Delta R.T.: 0.004 min
Response: 2085679
Conc: 17.97 ug/ml



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

R.T.: 17.207 min
Delta R.T.: 0.002 min
Response: 2082051
Conc: 18.32 ug/ml



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

R.T.: 17.417 min
Delta R.T.: 0.007 min
Response: 2121158
Conc: 17.38 ug/ml

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