

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036419.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2021 2:57
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 18 03:29:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.600	2417748	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
6) S 2-Fluorobiphenyl (SURR)	8.460	1695017	20.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.501	2806071	19.917 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	2597079	20.714 ug/ml
2) T Naphthalene (C11.7)	5.938	2801225	20.672 ug/ml
3) T 2-Methylnaphthalene (...)	6.990	2813983	20.607 ug/ml
5) T Acenaphthylene (C15.06)	8.264	2711785	20.156 ug/ml
7) T Acenaphthene (C15.5)	8.559	2824718	20.408 ug/ml
8) T Fluorene (C16.55)	9.339	2755901	20.194 ug/ml
9) T Phenanthrene (C19.36)	10.733	2773752	20.132 ug/ml
10) T Anthracene (C19.43)	10.807	2489195	18.541 ug/ml
12) T Fluoranthene (C21.85)	12.542	2750216	19.804 ug/ml
13) T Pyrene (C20.8)	12.839	2711186	19.775 ug/ml
14) T Benzo[a]anthracene (C...	14.707	2486017	19.655 ug/ml
15) T Chrysene (C27.41)	14.749	2575251	19.886 ug/ml
16) T benzo[b]fluoranthene ...	16.254	2448029	20.115 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	2381907	20.228 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	2239833	20.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	2335426	21.108 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	2370374	21.420 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	2356501	21.312 ug/ml

(f)=RT Delta > 1/2 Window

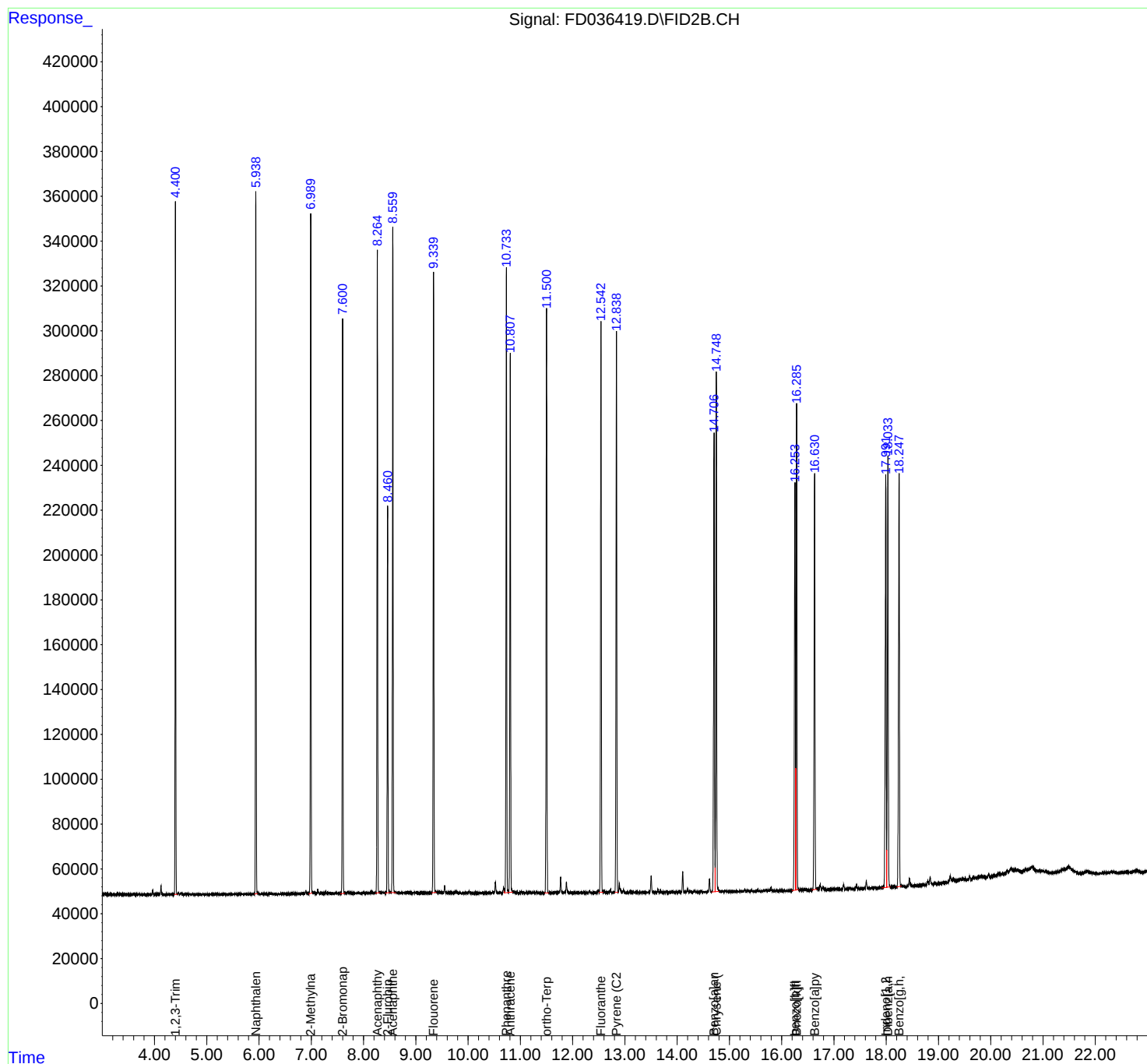
(m)=manual int.

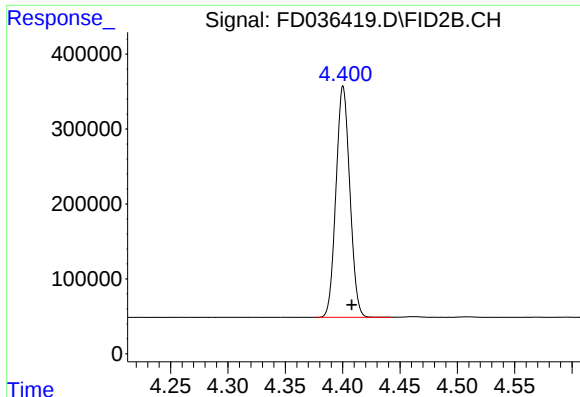
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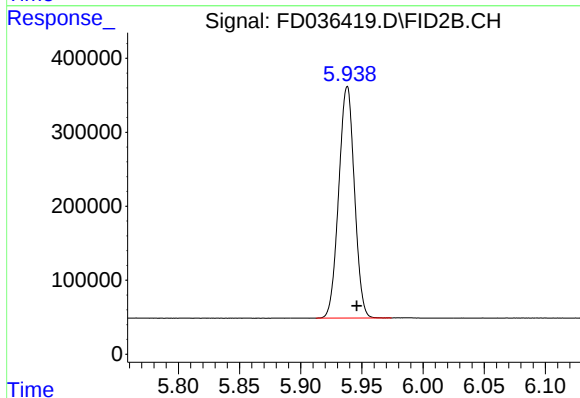




#1 1,2,3-Trimethylbenzene (C10.1)

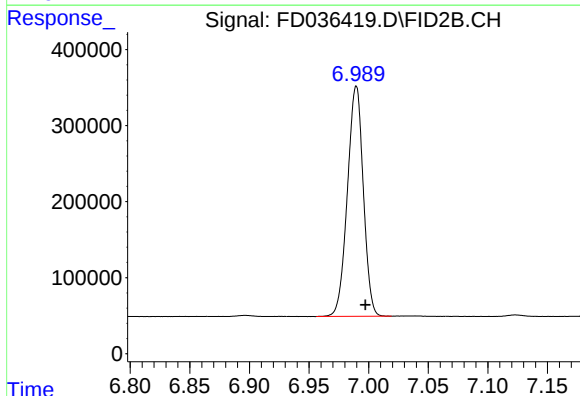
R.T.: 4.400 min
Delta R.T.: -0.008 min
Response: 2597079
Conc: 20.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



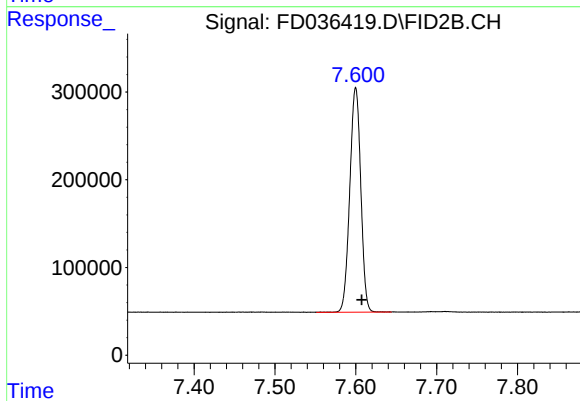
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 2801225
Conc: 20.67 ug/ml



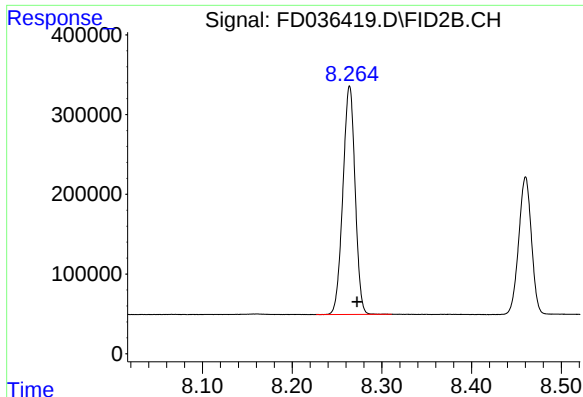
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 2813983
Conc: 20.61 ug/ml



#4 2-Bromonaphthalene (SURR)

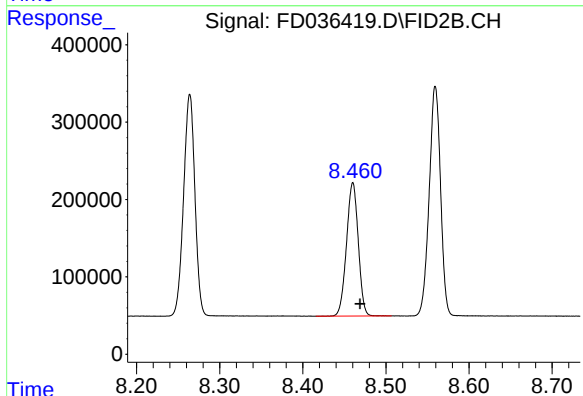
R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 2417748
Conc: 20.51 ug/ml



#5 Acenaphthylene (C15.06)

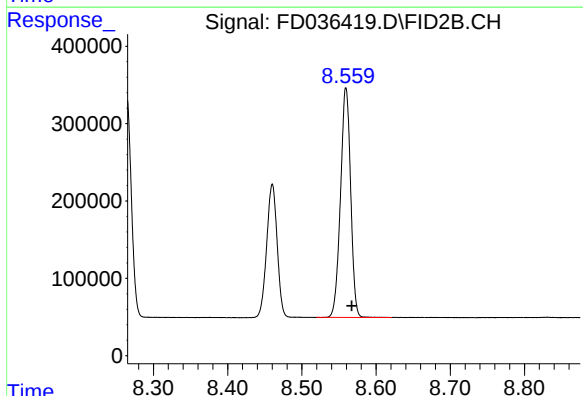
R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 2711785
Conc: 20.16 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



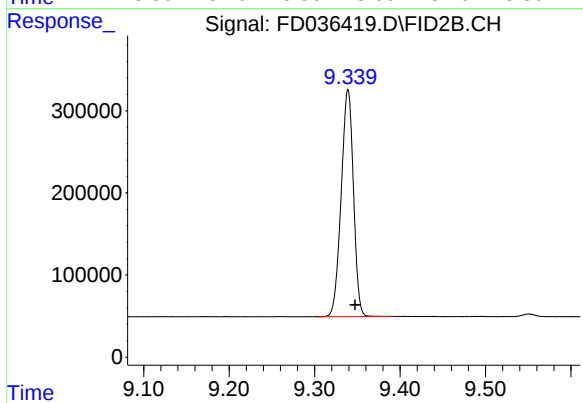
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 1695017
Conc: 20.37 ug/ml



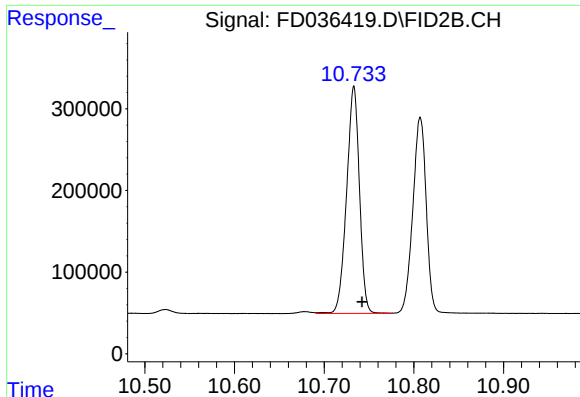
#7 Acenaphthene (C15.5)

R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 2824718
Conc: 20.41 ug/ml



#8 Flouorene (C16.55)

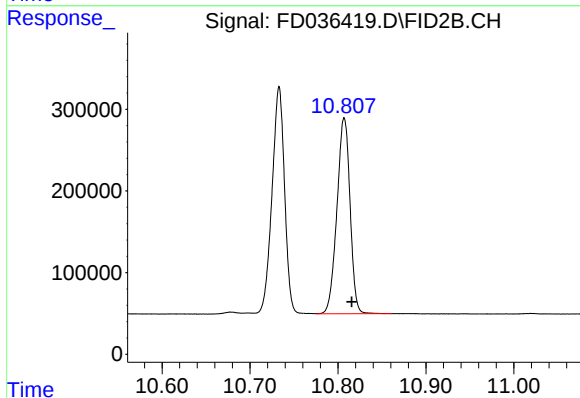
R.T.: 9.339 min
Delta R.T.: -0.008 min
Response: 2755901
Conc: 20.19 ug/ml



#9 Phenanthrene (C19.36)

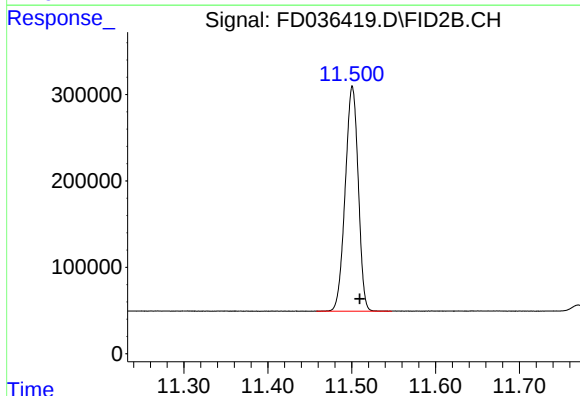
R.T.: 10.733 min
Delta R.T.: -0.009 min
Response: 2773752
Conc: 20.13 ug/ml

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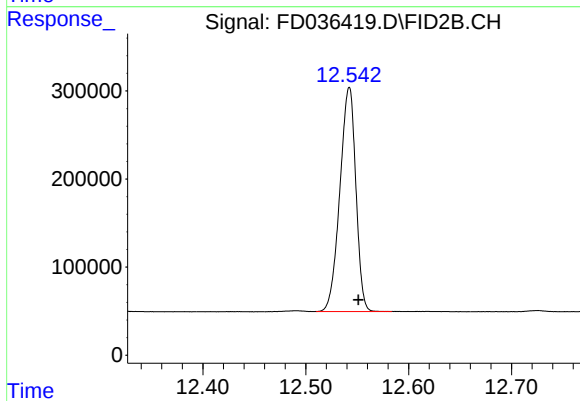
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.008 min
Response: 2489195
Conc: 18.54 ug/ml



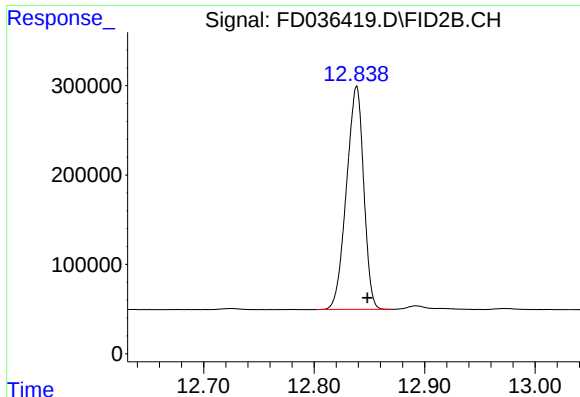
#11 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.009 min
Response: 2806071
Conc: 19.92 ug/ml



#12 Fluoranthene (C21.85)

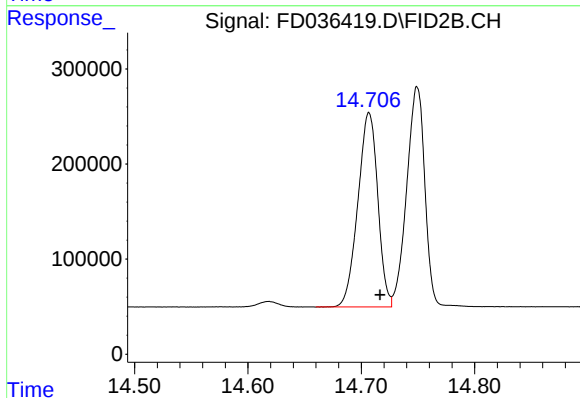
R.T.: 12.542 min
Delta R.T.: -0.009 min
Response: 2750216
Conc: 19.80 ug/ml



#13 Pyrene (C20.8)

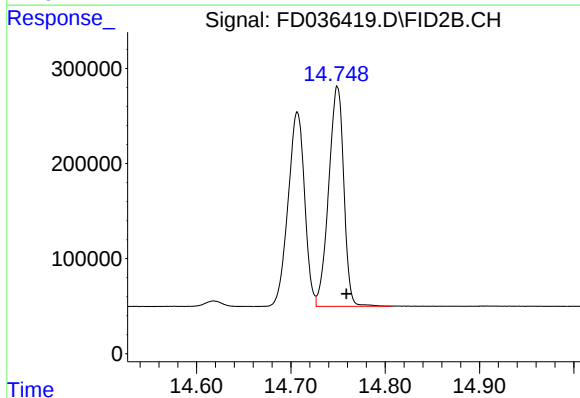
R.T.: 12.839 min
Delta R.T.: -0.010 min
Response: 2711186
Conc: 19.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



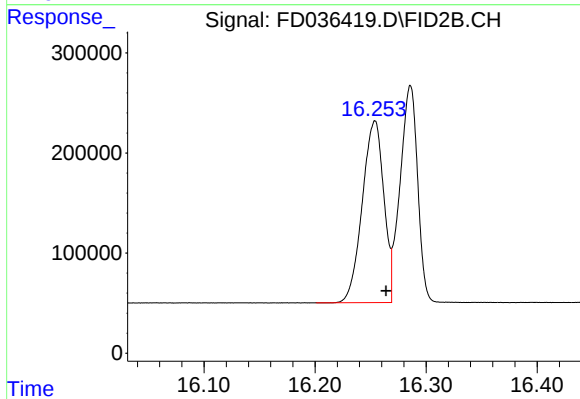
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: -0.010 min
Response: 2486017
Conc: 19.65 ug/ml



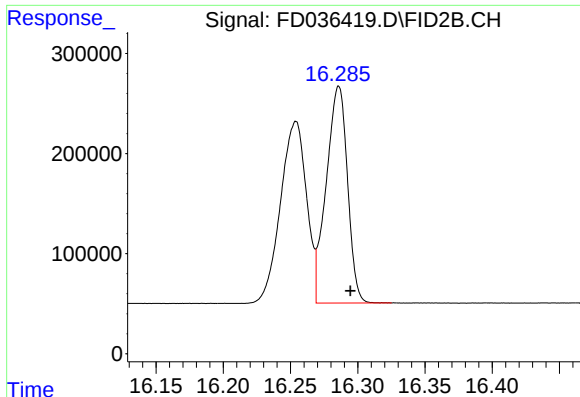
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.009 min
Response: 2575251
Conc: 19.89 ug/ml



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

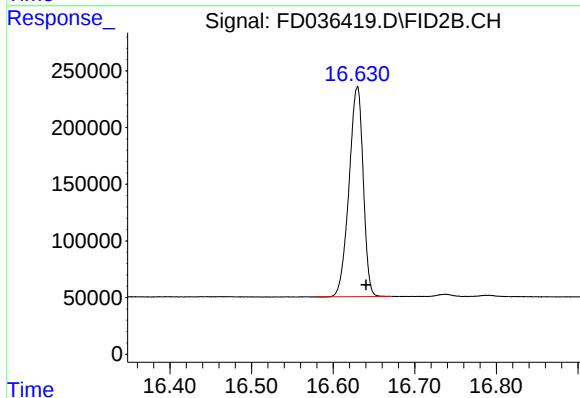
R.T.: 16.254 min
Delta R.T.: -0.010 min
Response: 2448029
Conc: 20.11 ug/ml



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

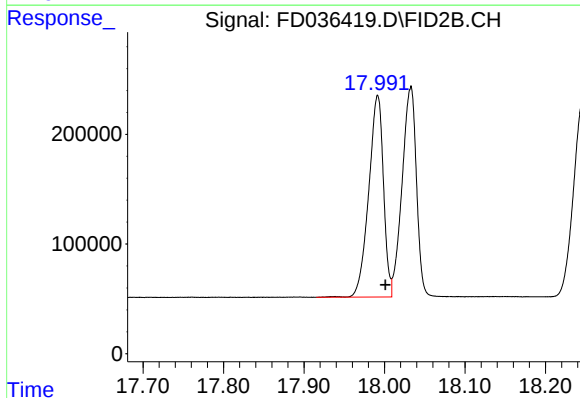
R.T.: 16.286 min
Delta R.T.: -0.009 min
Response: 2381907
Conc: 20.23 ug/ml

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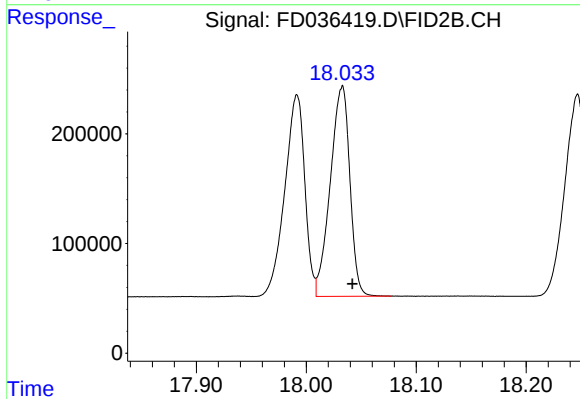
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.011 min
Response: 2239833
Conc: 20.31 ug/ml



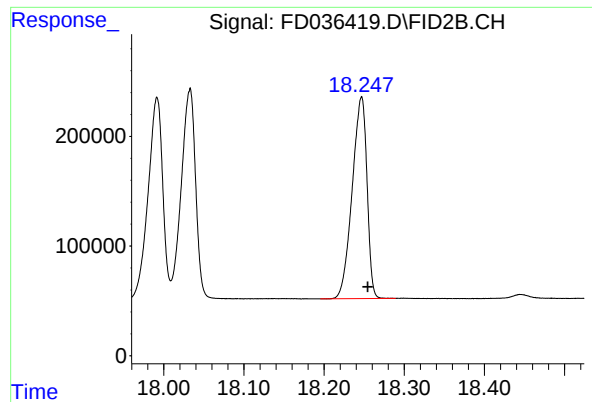
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: -0.010 min
Response: 2335426
Conc: 21.11 ug/ml



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

R.T.: 18.033 min
Delta R.T.: -0.009 min
Response: 2370374
Conc: 21.42 ug/ml



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

R.T.: 18.247 min
Delta R.T.: -0.008 min
Response: 2356501
Conc: 21.31 ug/ml

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