

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092719AR\
 Data File : FD030846.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2019 14:48
 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: Sep 28 01:40:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 2019
 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...	7.574	3490592	20.499 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.434	2330879	20.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.464	3690325	19.762 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	3847881	20.894 ug/ml
2) T Naphthalene (C11.7)	5.916	3994112	20.772 ug/ml
3) T 2-Methylnaphthalene (...)	6.965	3924230	20.602 ug/ml
5) T Acenaphthylene (C15.06)	8.237	3706554	20.124 ug/ml
7) T Acenaphthene (C15.5)	8.532	3890428	20.156 ug/ml
8) T Flouorene (C16.55)	9.310	3788895	20.046 ug/ml
9) T Phenanthrene (C19.36)	10.702	3720637	19.786 ug/ml
10) T Anthracene (C19.43)	10.777	3531090	19.321 ug/ml
12) T Fluoranthene (C21.85)	12.507	3616079	19.340 ug/ml
13) T Pyrene (C20.8)	12.804	3494302	19.002 ug/ml
14) T Benzo[a]anthracene (C...	14.670	3231239	18.676 ug/ml
15) T Chrysene (C27.41)	14.712	3313223	18.668 ug/ml
16) T benzo[b]fluoranthene ...	16.216	3085554	18.319 ug/ml
17) T Bnezo[k]fluoranthene ...	16.248	3112739	18.267 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.594	2984988	18.183 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.956	2897053	18.492 ug/ml
20) T Dibenz[a,h]anthracene...	17.993	2981086	19.052 ug/ml
21) T Benzo[g,h,i]perylene ...	18.209	2919863	18.961 ug/ml

(f)=RT Delta > 1/2 Window

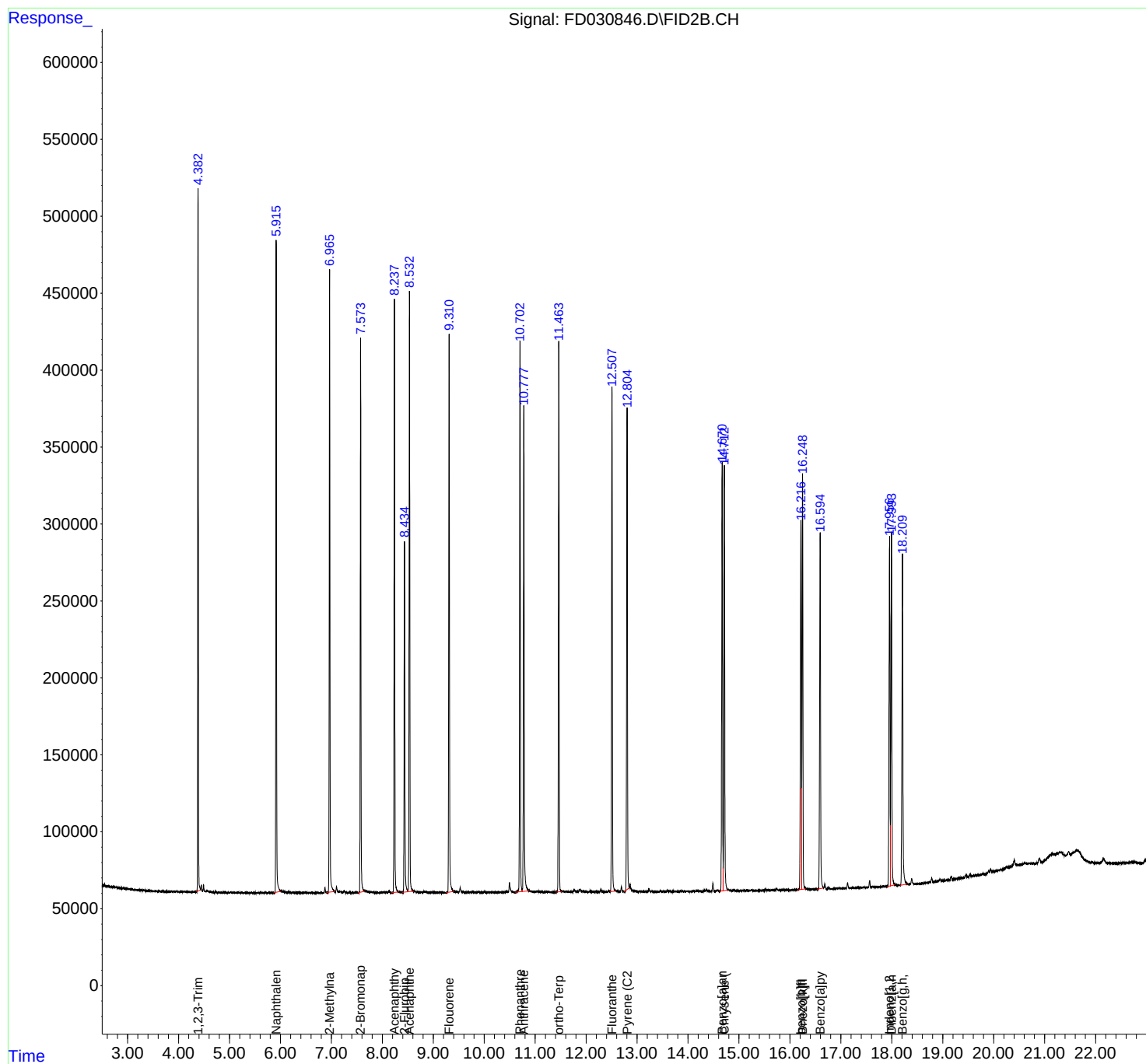
(m)=manual int.

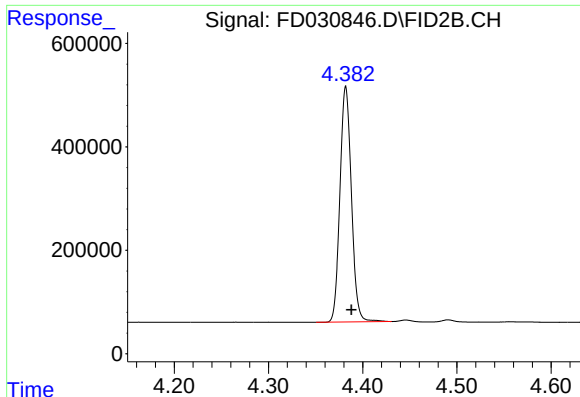
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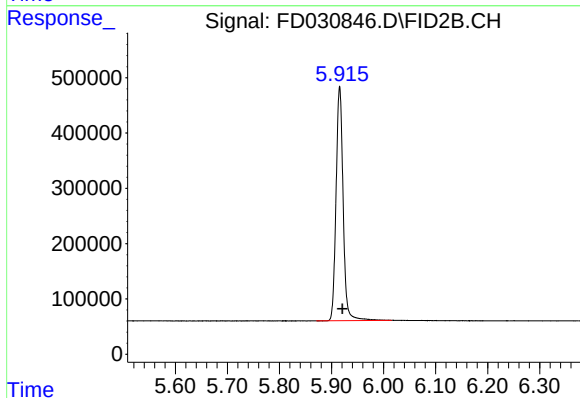




#1 1,2,3-Trimethylbenzene (C10.1)

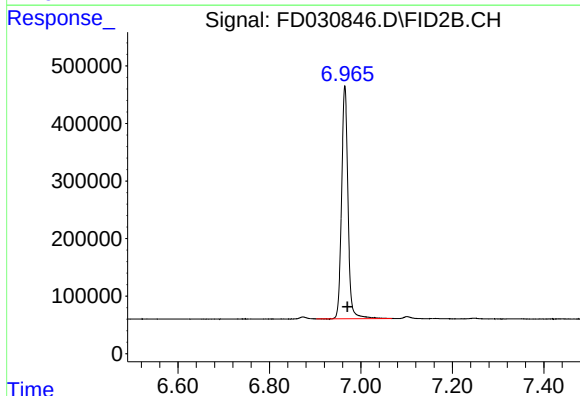
R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 3847881
Conc: 20.89 ug/ml

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20 PPM AROMATIC HC STD



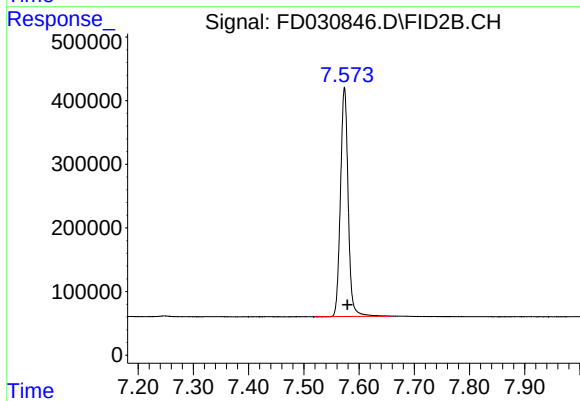
#2 Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: -0.005 min
Response: 3994112
Conc: 20.77 ug/ml



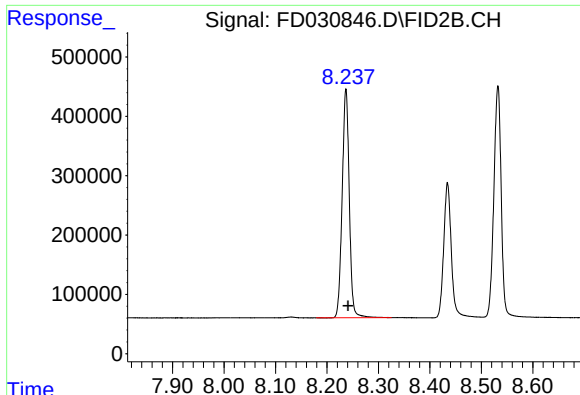
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: -0.005 min
Response: 3924230
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

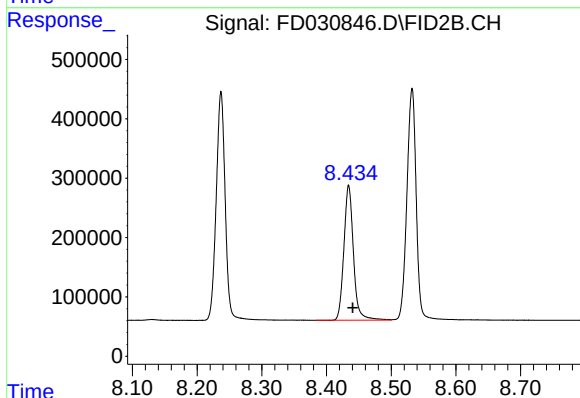
R.T.: 7.574 min
Delta R.T.: -0.005 min
Response: 3490592
Conc: 20.50 ug/ml



#5 Acenaphthylene (C15.06)

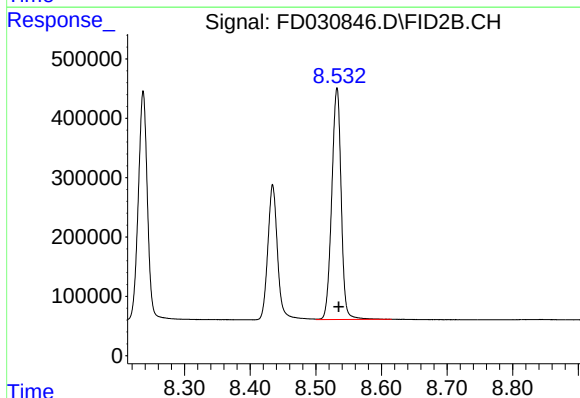
R.T.: 8.237 min
Delta R.T.: -0.004 min
Response: 3706554
Conc: 20.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



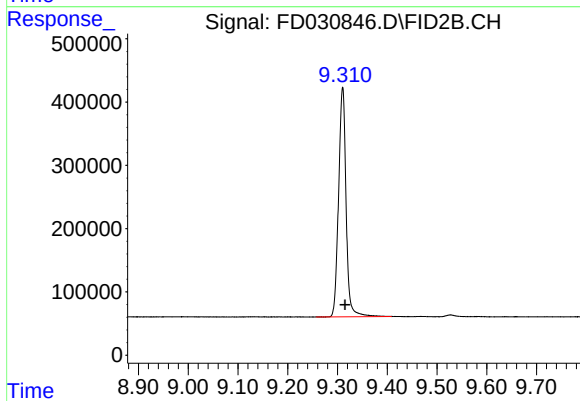
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.434 min
Delta R.T.: -0.006 min
Response: 2330879
Conc: 20.21 ug/ml



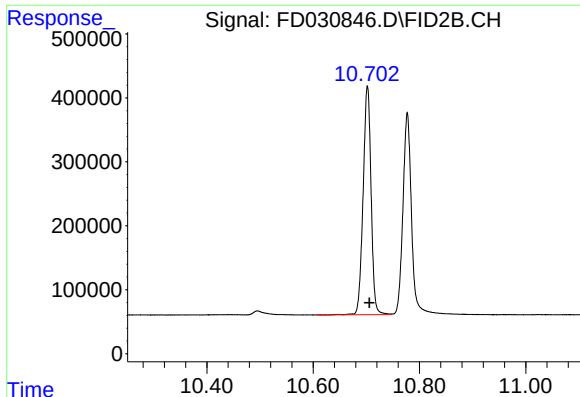
#7 Acenaphthene (C15.5)

R.T.: 8.532 min
Delta R.T.: -0.003 min
Response: 3890428
Conc: 20.16 ug/ml



#8 Fluorene (C16.55)

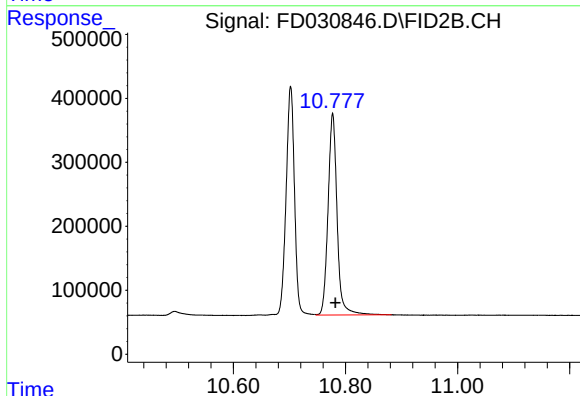
R.T.: 9.310 min
Delta R.T.: -0.004 min
Response: 3788895
Conc: 20.05 ug/ml



#9 Phenanthrene (C19.36)

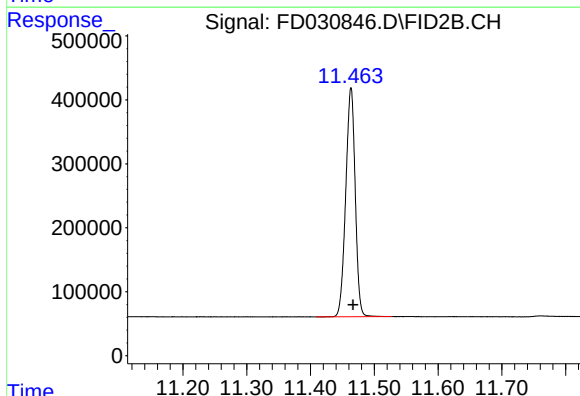
R.T.: 10.702 min
Delta R.T.: -0.004 min
Response: 3720637
Conc: 19.79 ug/ml

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20 PPM AROMATIC HC STD



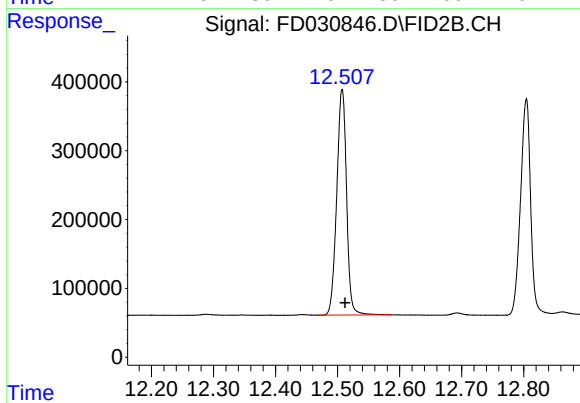
#10 Anthracene (C19.43)

R.T.: 10.777 min
Delta R.T.: -0.005 min
Response: 3531090
Conc: 19.32 ug/ml



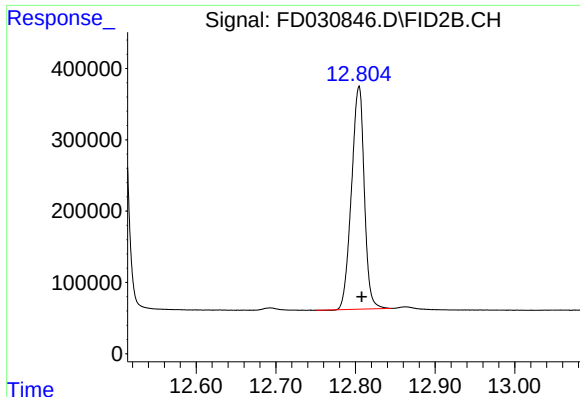
#11 ortho-Terphenyl (SURR)

R.T.: 11.464 min
Delta R.T.: -0.003 min
Response: 3690325
Conc: 19.76 ug/ml



#12 Fluoranthene (C21.85)

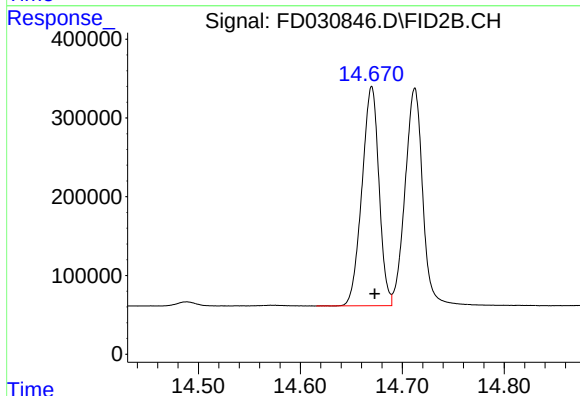
R.T.: 12.507 min
Delta R.T.: -0.005 min
Response: 3616079
Conc: 19.34 ug/ml



#13 Pyrene (C20.8)

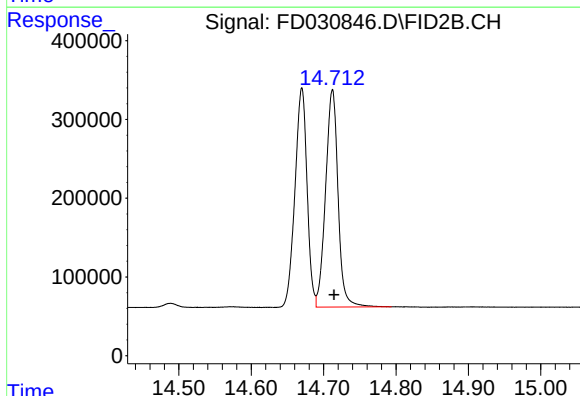
R.T.: 12.804 min
Delta R.T.: -0.004 min
Response: 3494302
Conc: 19.00 ug/ml

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20 PPM AROMATIC HC STD



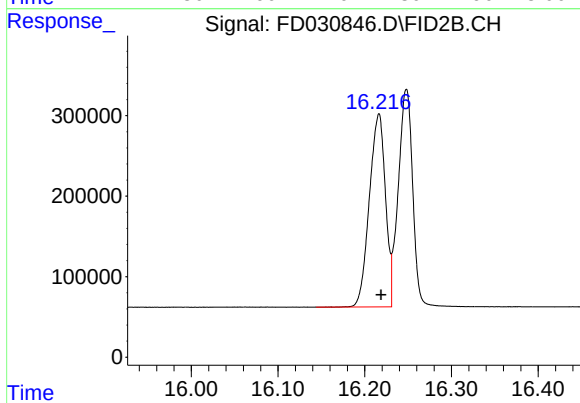
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.670 min
Delta R.T.: -0.003 min
Response: 3231239
Conc: 18.68 ug/ml



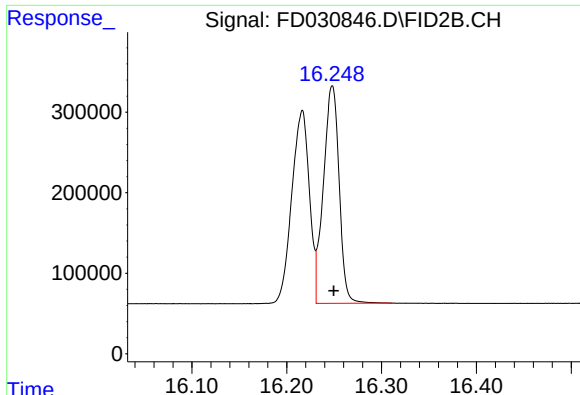
#15 Chrysene (C27.41)

R.T.: 14.712 min
Delta R.T.: -0.002 min
Response: 3313223
Conc: 18.67 ug/ml



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

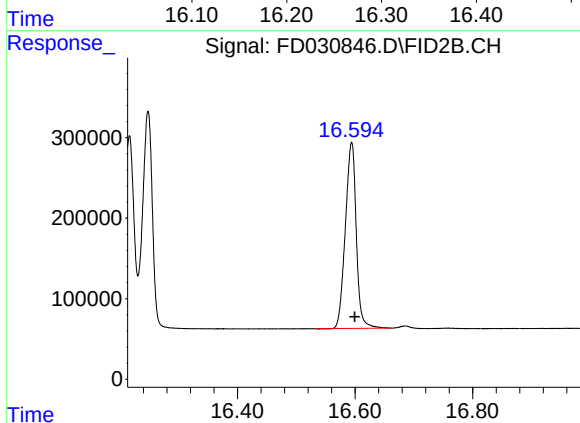
R.T.: 16.216 min
Delta R.T.: -0.002 min
Response: 3085554
Conc: 18.32 ug/ml



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

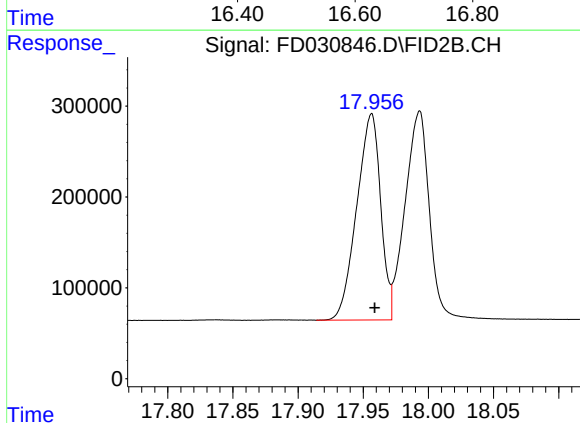
R.T.: 16.248 min
Delta R.T.: -0.001 min
Response: 3112739
Conc: 18.27 ug/ml

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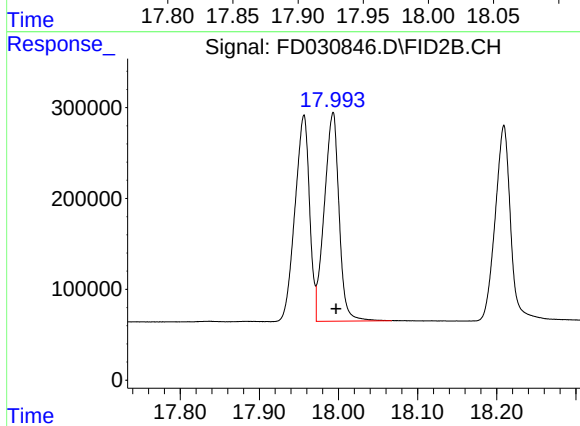
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.594 min
Delta R.T.: -0.005 min
Response: 2984988
Conc: 18.18 ug/ml



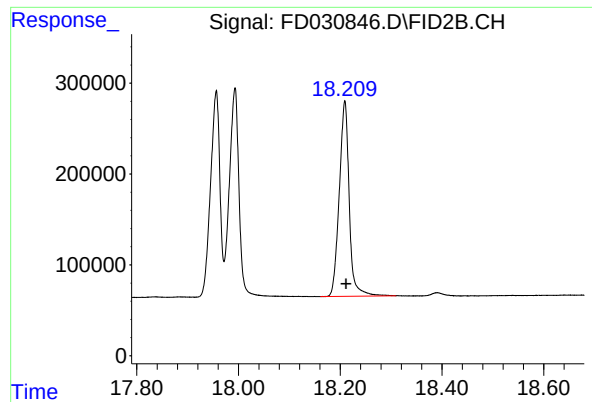
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.956 min
Delta R.T.: -0.002 min
Response: 2897053
Conc: 18.49 ug/ml



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

R.T.: 17.993 min
Delta R.T.: -0.004 min
Response: 2981086
Conc: 19.05 ug/ml



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

R.T.: 18.209 min
Delta R.T.: -0.003 min
Response: 2919863
Conc: 18.96 ug/ml

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