

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030821AR\
 Data File : FD036325.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2021 9:16
 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 09 02:24:06 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...	7.601	2163120	18.352 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
6) S 2-Fluorobiphenyl (SURR)	8.461	1521050	18.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.55%
11) S ortho-Terphenyl (SURR)	11.503	2544722	18.062 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	2344963	18.703 ug/ml
2) T Naphthalene (C11.7)	5.939	2512831	18.543 ug/ml
3) T 2-Methylnaphthalene (...)	6.991	2517583	18.437 ug/ml
5) T Acenaphthylene (C15.06)	8.265	2449970	18.210 ug/ml
7) T Acenaphthene (C15.5)	8.561	2533072	18.301 ug/ml
8) T Fluorene (C16.55)	9.340	2482191	18.189 ug/ml
9) T Phenanthrene (C19.36)	10.735	2480300	18.002 ug/ml
10) T Anthracene (C19.43)	10.809	2398471	17.865 ug/ml
12) T Fluoranthene (C21.85)	12.544	2519807	18.145 ug/ml
13) T Pyrene (C20.8)	12.840	2498749	18.226 ug/ml
14) T Benzo[a]anthracene (C...	14.709	2308757	18.253 ug/ml
15) T Chrysene (C27.41)	14.750	2368284	18.288 ug/ml
16) T benzo[b]fluoranthene ...	16.255	2271231	18.662 ug/ml
17) T Bnezo[k]fluoranthene ...	16.288	2192775	18.621 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	2073671	18.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	2111542	19.085 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	2155574	19.479 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	2135413	19.312 ug/ml

(f)=RT Delta > 1/2 Window

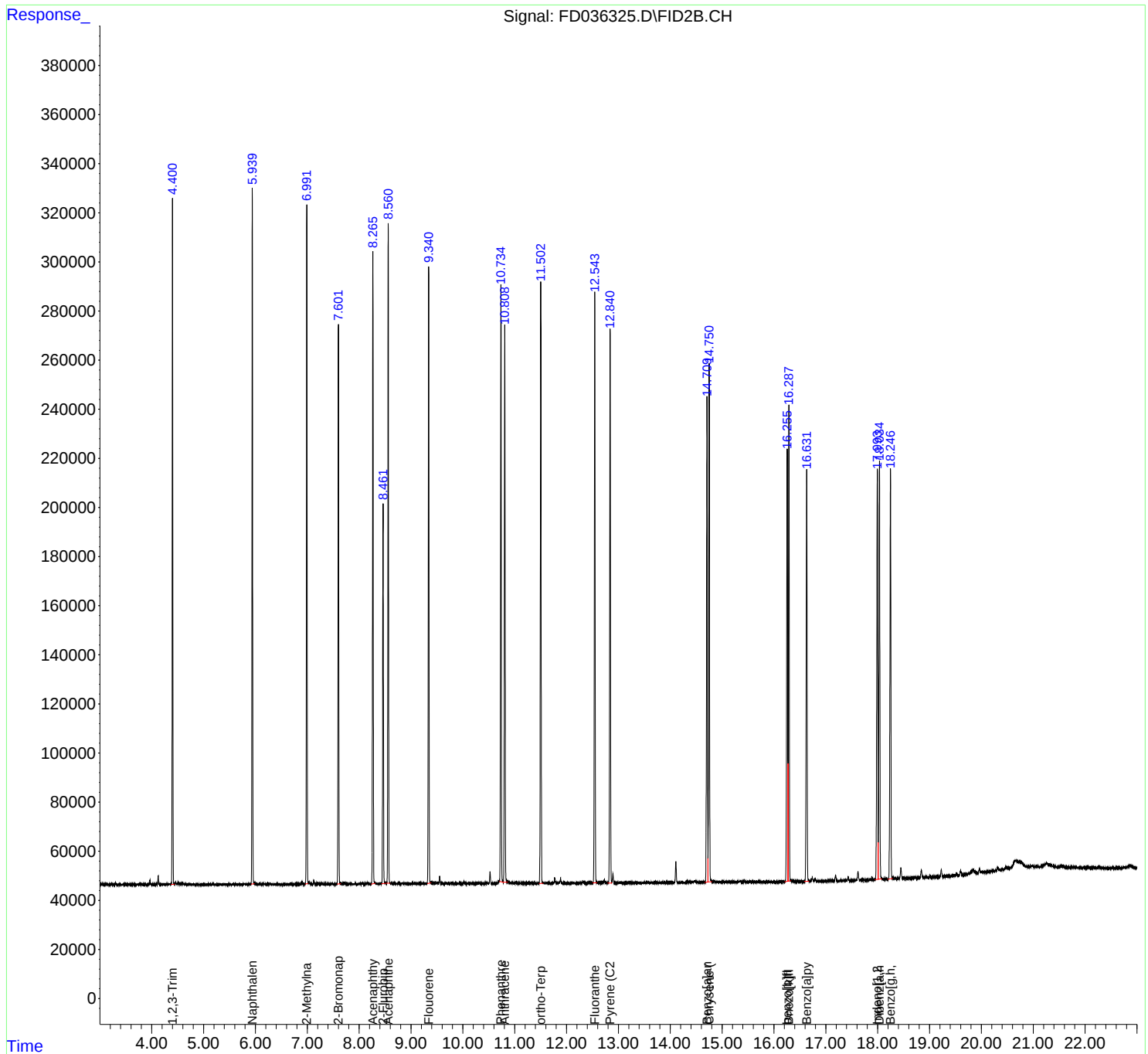
(m)=manual int.

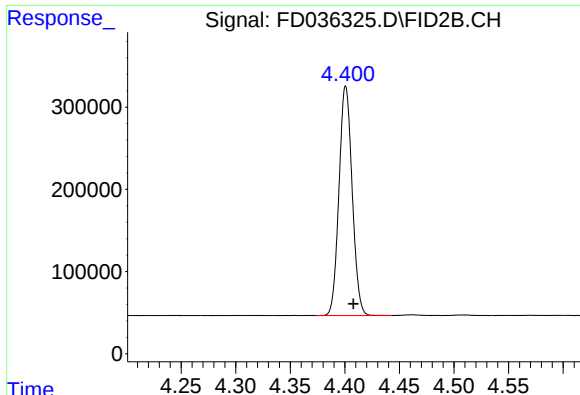
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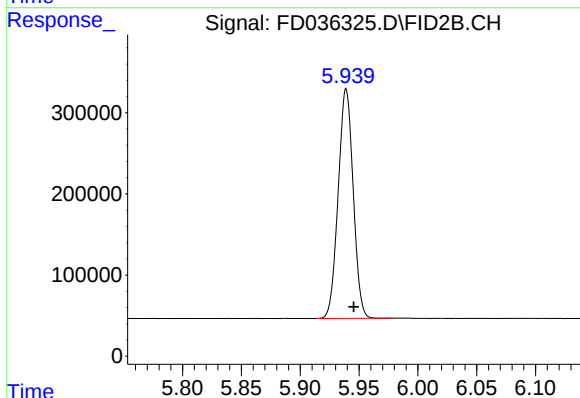




#1 1,2,3-Trimethylbenzene (C10.1)

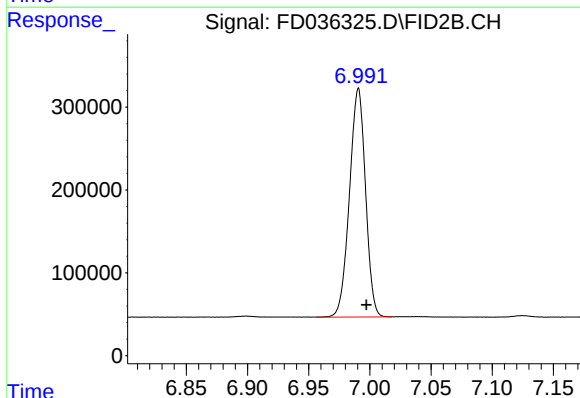
R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 2344963
Conc: 18.70 ug/ml

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20 PPM AROMATIC HC STD



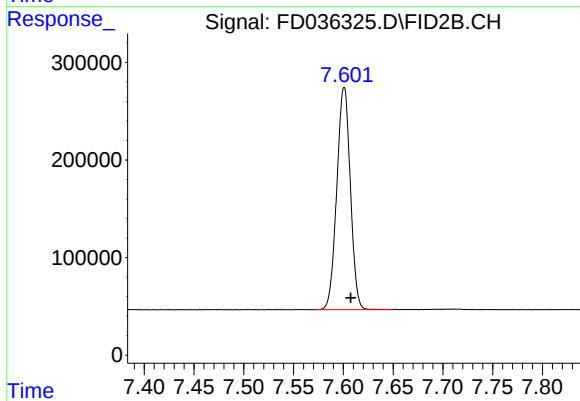
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 2512831
Conc: 18.54 ug/ml



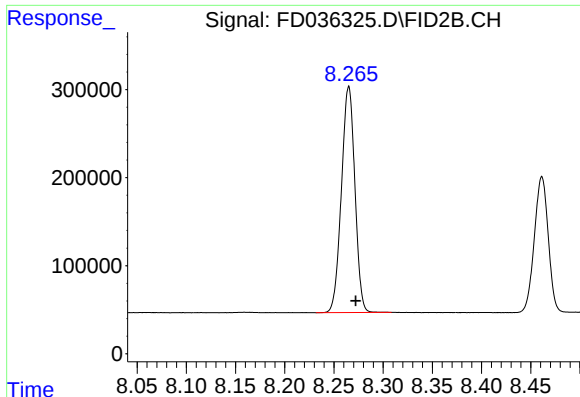
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.006 min
Response: 2517583
Conc: 18.44 ug/ml



#4 2-Bromonaphthalene (SURR)

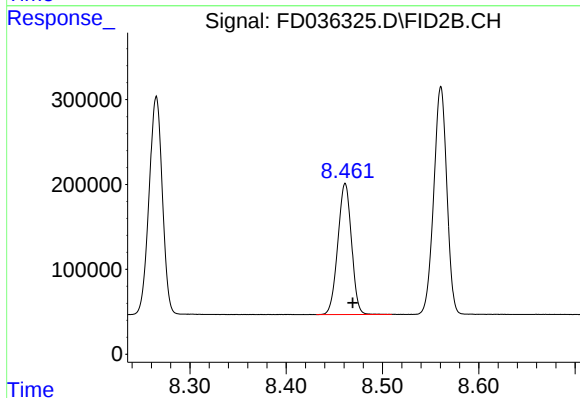
R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 2163120
Conc: 18.35 ug/ml



#5 Acenaphthylene (C15.06)

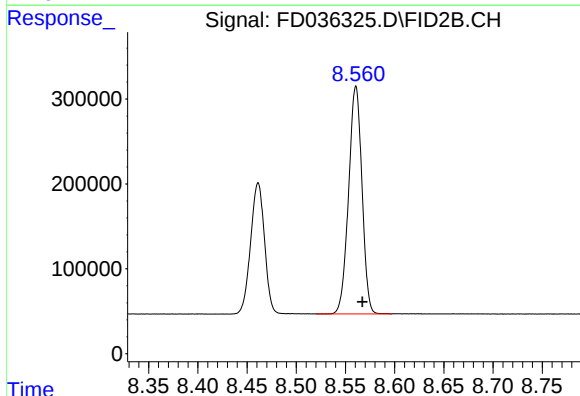
R.T.: 8.265 min
Delta R.T.: -0.007 min
Response: 2449970
Conc: 18.21 ug/ml

Instrument :
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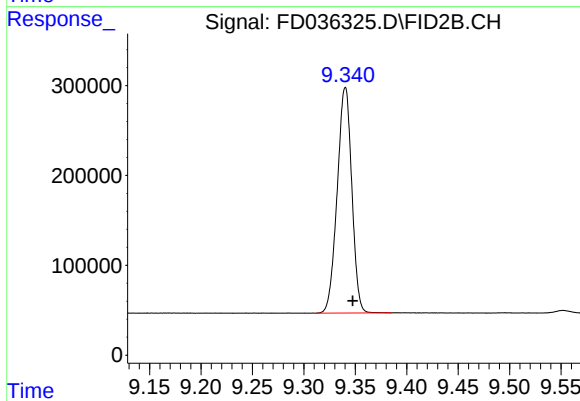
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 1521050
Conc: 18.28 ug/ml



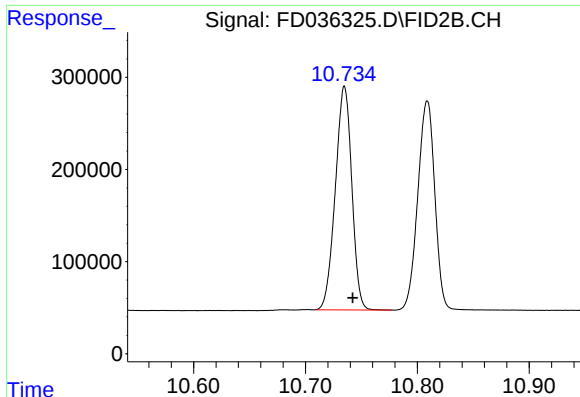
#7 Acenaphthene (C15.5)

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 2533072
Conc: 18.30 ug/ml



#8 Flouorene (C16.55)

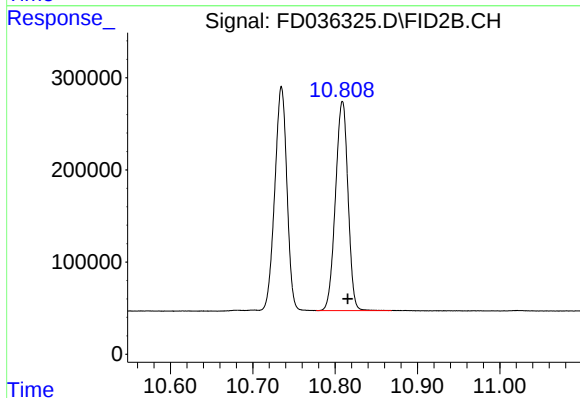
R.T.: 9.340 min
Delta R.T.: -0.007 min
Response: 2482191
Conc: 18.19 ug/ml



#9 Phenanthrene (C19.36)

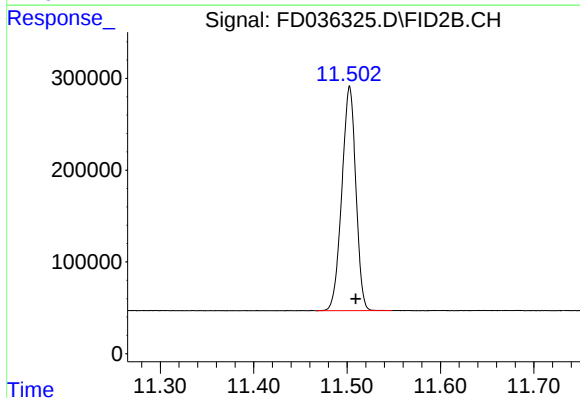
R.T.: 10.735 min
Delta R.T.: -0.007 min
Response: 2480300
Conc: 18.00 ug/ml

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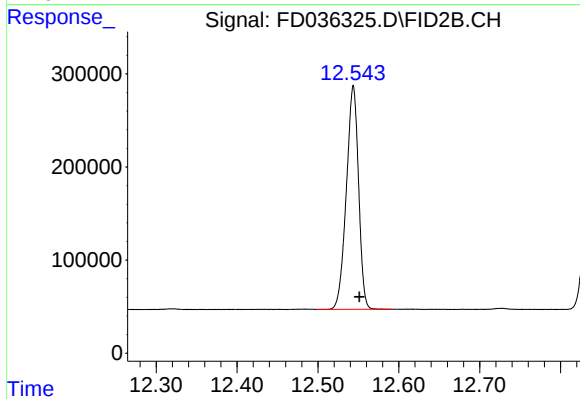
#10 Anthracene (C19.43)

R.T.: 10.809 min
Delta R.T.: -0.006 min
Response: 2398471
Conc: 17.86 ug/ml



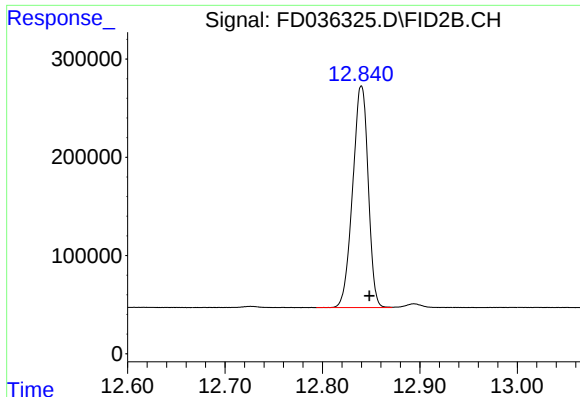
#11 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.007 min
Response: 2544722
Conc: 18.06 ug/ml



#12 Fluoranthene (C21.85)

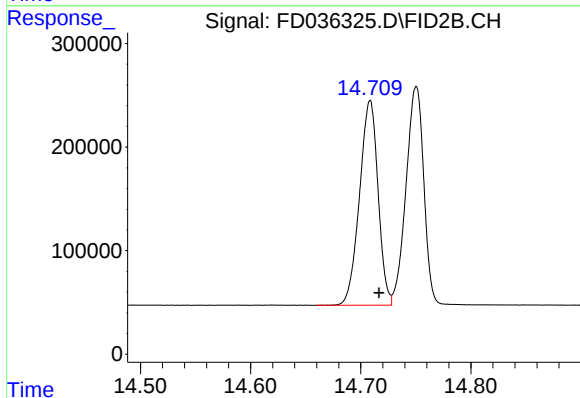
R.T.: 12.544 min
Delta R.T.: -0.008 min
Response: 2519807
Conc: 18.14 ug/ml



#13 Pyrene (C20.8)

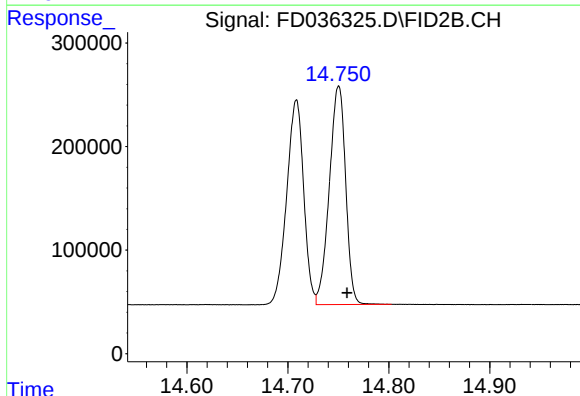
R.T.: 12.840 min
Delta R.T.: -0.008 min
Response: 2498749
Conc: 18.23 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



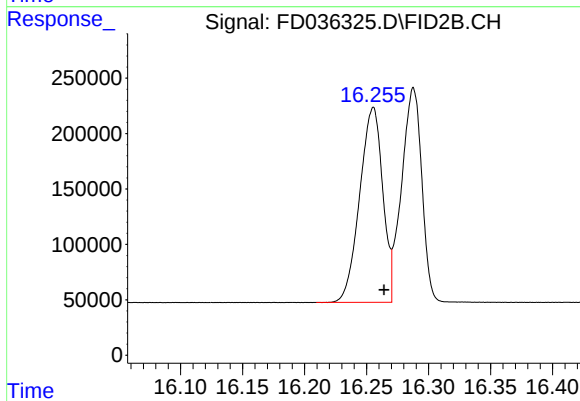
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.709 min
Delta R.T.: -0.008 min
Response: 2308757
Conc: 18.25 ug/ml



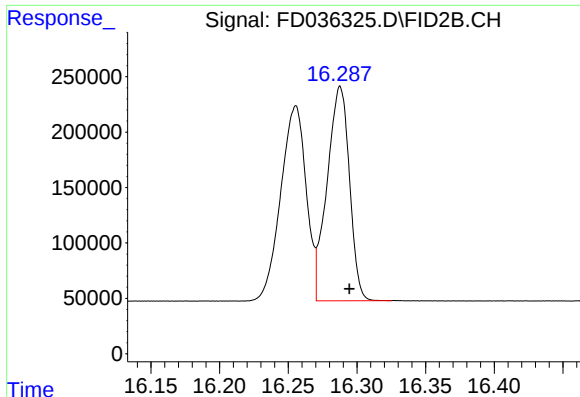
#15 Chrysene (C27.41)

R.T.: 14.750 min
Delta R.T.: -0.008 min
Response: 2368284
Conc: 18.29 ug/ml



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

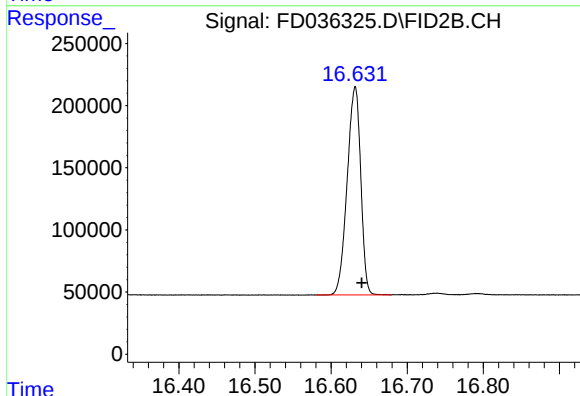
R.T.: 16.255 min
Delta R.T.: -0.009 min
Response: 2271231
Conc: 18.66 ug/ml



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

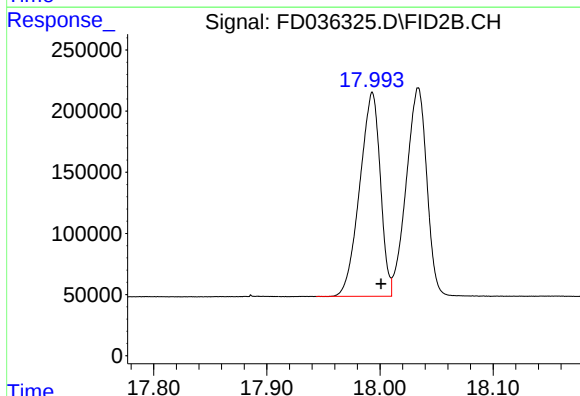
R.T.: 16.288 min
Delta R.T.: -0.007 min
Response: 2192775
Conc: 18.62 ug/ml

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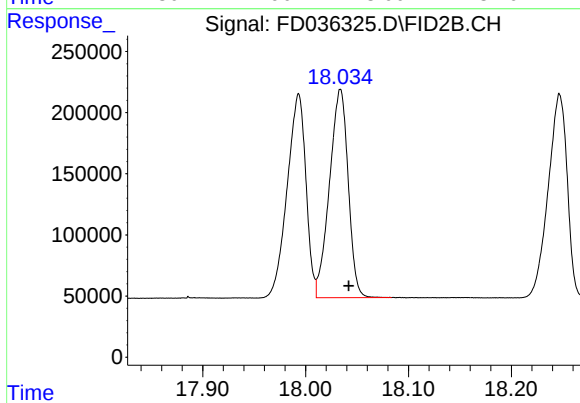
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: -0.009 min
Response: 2073671
Conc: 18.80 ug/ml



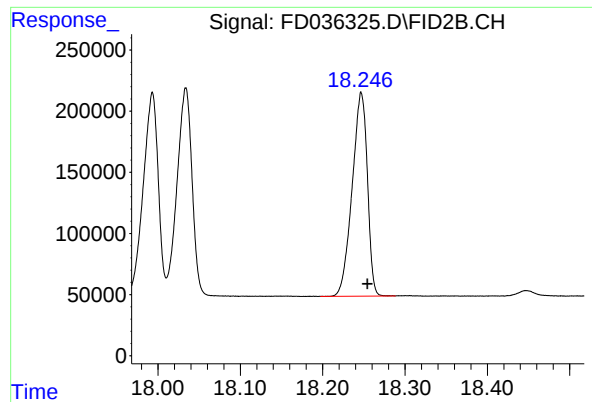
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: -0.008 min
Response: 2111542
Conc: 19.08 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.008 min
Response: 2155574
Conc: 19.48 ug/ml



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

R.T.: 18.247 min
Delta R.T.: -0.007 min
Response: 2135413
Conc: 19.31 ug/ml

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