

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030821AR\
 Data File : FD036335.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2021 15:50
 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 02:34:30 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	2257850	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
6) S 2-Fluorobiphenyl (SURR)	8.461	1585019	19.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.09%
11) S ortho-Terphenyl (SURR)	11.502	2634656	18.701 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	2441697	19.475 ug/ml
2) T Naphthalene (C11.7)	5.939	2621599	19.346 ug/ml
3) T 2-Methylnaphthalene (...)	6.990	2628542	19.249 ug/ml
5) T Acenaphthylene (C15.06)	8.265	2552042	18.969 ug/ml
7) T Acenaphthene (C15.5)	8.560	2641879	19.087 ug/ml
8) T Flouorene (C16.55)	9.340	2587641	18.961 ug/ml
9) T Phenanthrene (C19.36)	10.735	2608175	18.930 ug/ml
10) T Anthracene (C19.43)	10.809	2486052	18.517 ug/ml
12) T Fluoranthene (C21.85)	12.544	2589820	18.649 ug/ml
13) T Pyrene (C20.8)	12.841	2560326	18.675 ug/ml
14) T Benzo[a]anthracene (C...	14.710	2345747	18.546 ug/ml
15) T Chrysene (C27.41)	14.752	2410551	18.614 ug/ml
16) T benzo[b]fluoranthene ...	16.257	2287147	18.793 ug/ml
17) T Bnezo[k]fluoranthene ...	16.289	2214145	18.803 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.633	2079026	18.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.994	2127332	19.227 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	2190614	19.795 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	2151415	19.457 ug/ml

(f)=RT Delta > 1/2 Window

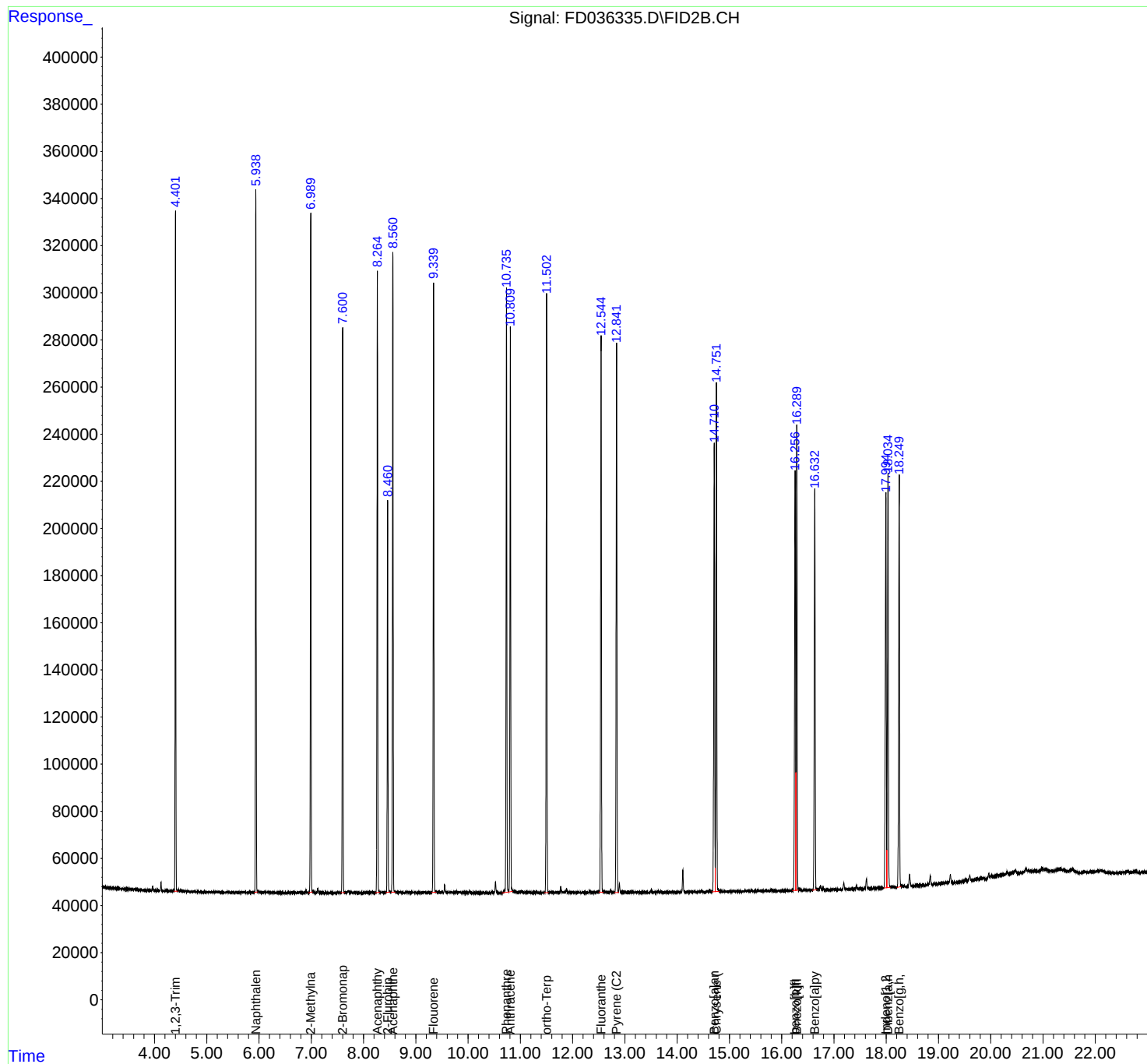
(m)=manual int.

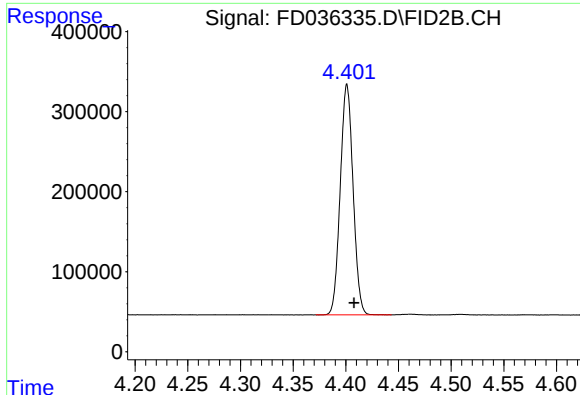
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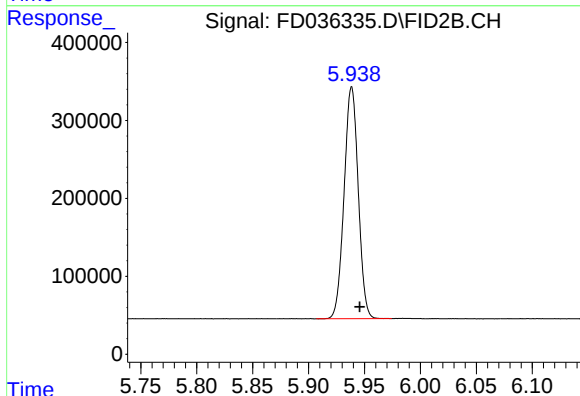




#1 1,2,3-Trimethylbenzene (C10.1)

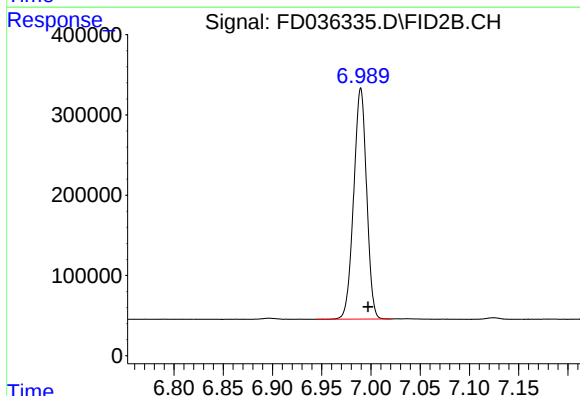
R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 2441697
Conc: 19.47 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



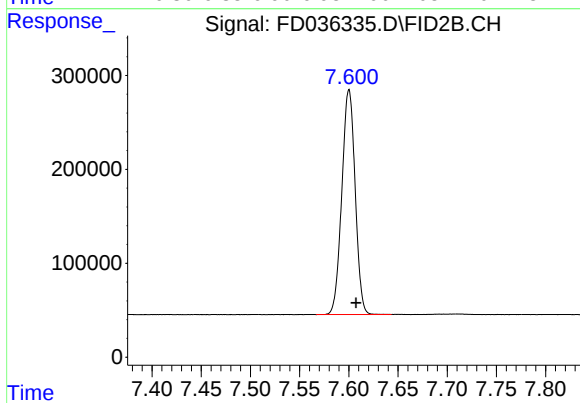
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 2621599
Conc: 19.35 ug/ml



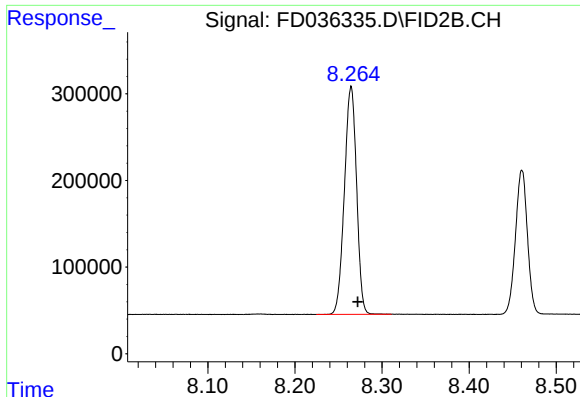
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 2628542
Conc: 19.25 ug/ml



#4 2-Bromonaphthalene (SURR)

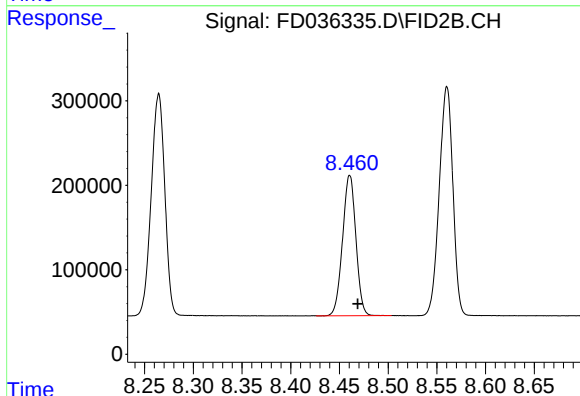
R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 2257850
Conc: 19.16 ug/ml



#5 Acenaphthylene (C15.06)

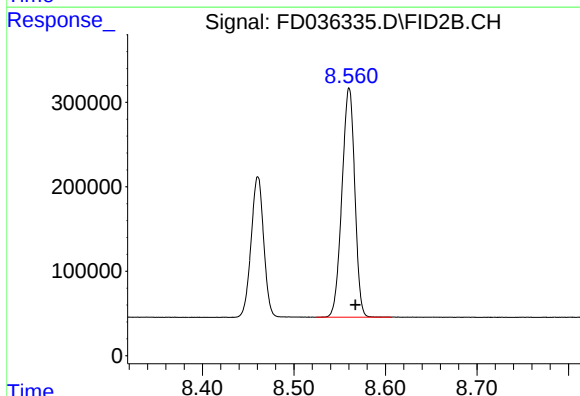
R.T.: 8.265 min
Delta R.T.: -0.007 min
Response: 2552042
Conc: 18.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



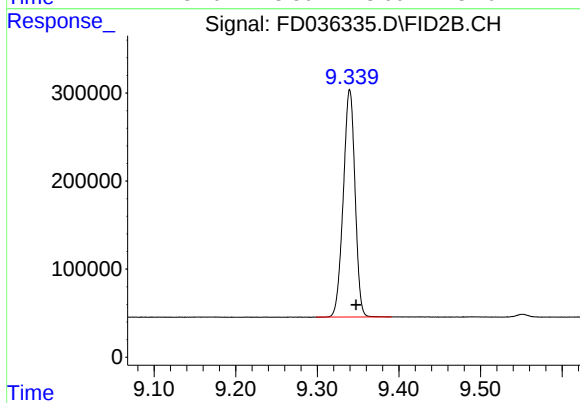
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 1585019
Conc: 19.05 ug/ml



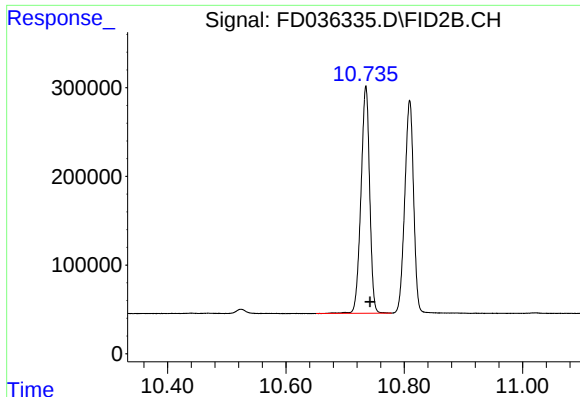
#7 Acenaphthene (C15.5)

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 2641879
Conc: 19.09 ug/ml



#8 Fluorene (C16.55)

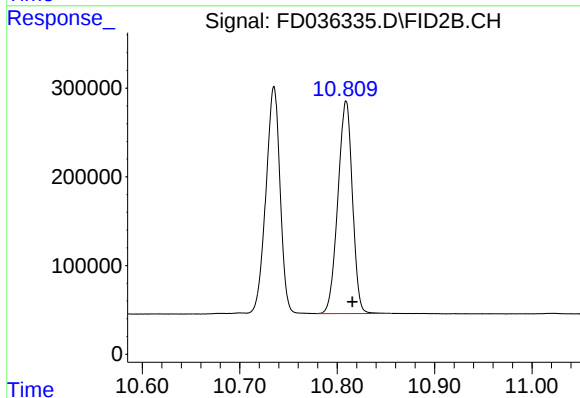
R.T.: 9.340 min
Delta R.T.: -0.008 min
Response: 2587641
Conc: 18.96 ug/ml



#9 Phenanthrene (C19.36)

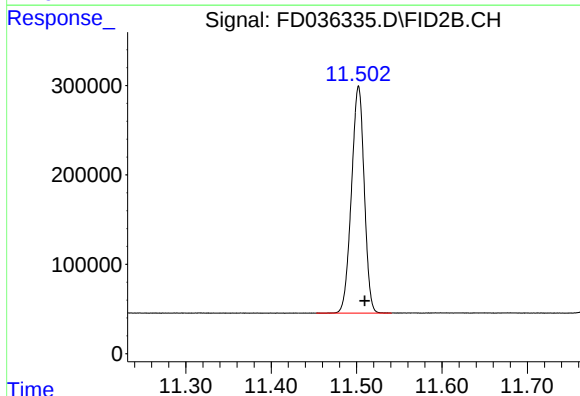
R.T.: 10.735 min
Delta R.T.: -0.007 min
Response: 2608175
Conc: 18.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



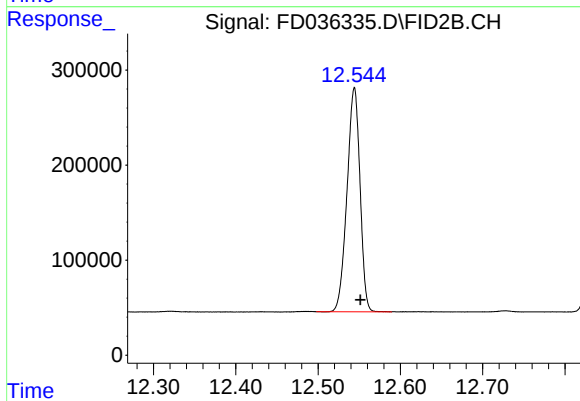
#10 Anthracene (C19.43)

R.T.: 10.809 min
Delta R.T.: -0.006 min
Response: 2486052
Conc: 18.52 ug/ml



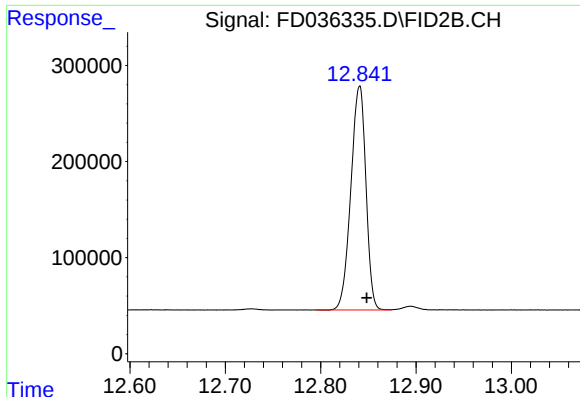
#11 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.007 min
Response: 2634656
Conc: 18.70 ug/ml



#12 Fluoranthene (C21.85)

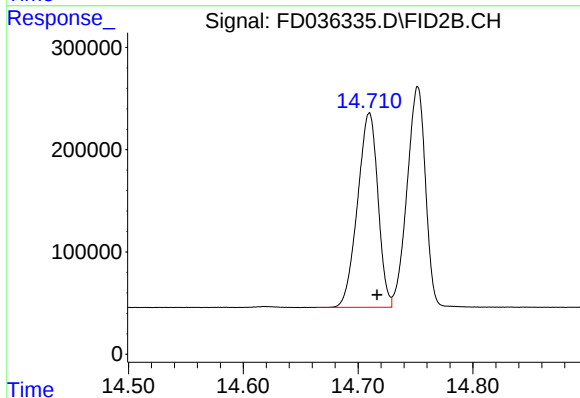
R.T.: 12.544 min
Delta R.T.: -0.007 min
Response: 2589820
Conc: 18.65 ug/ml



#13 Pyrene (C20.8)

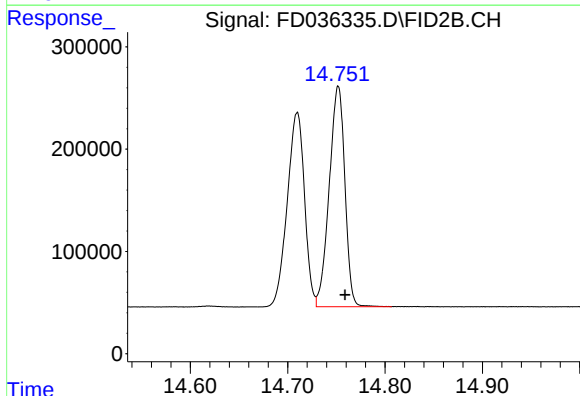
R.T.: 12.841 min
Delta R.T.: -0.007 min
Response: 2560326
Conc: 18.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



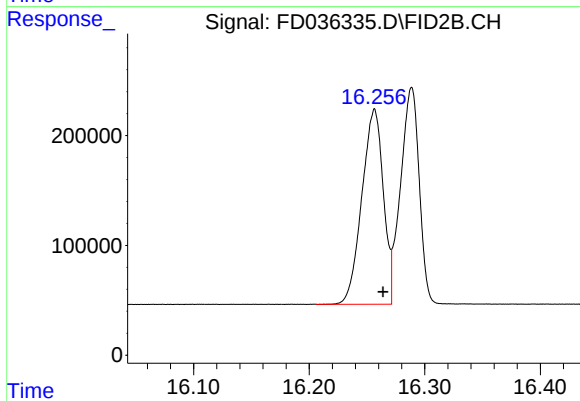
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.710 min
Delta R.T.: -0.007 min
Response: 2345747
Conc: 18.55 ug/ml



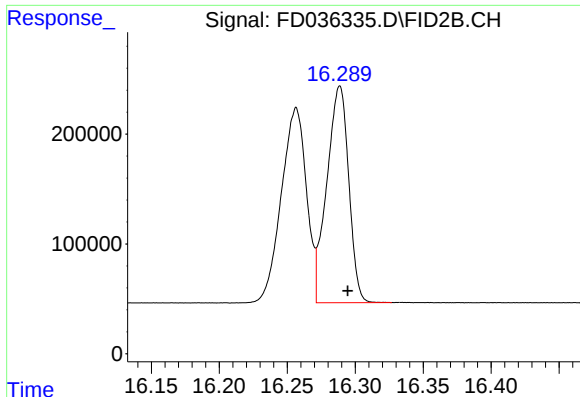
#15 Chrysene (C27.41)

R.T.: 14.752 min
Delta R.T.: -0.007 min
Response: 2410551
Conc: 18.61 ug/ml



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

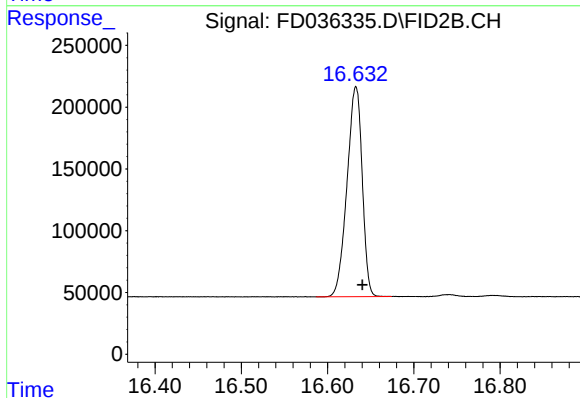
R.T.: 16.257 min
Delta R.T.: -0.008 min
Response: 2287147
Conc: 18.79 ug/ml



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

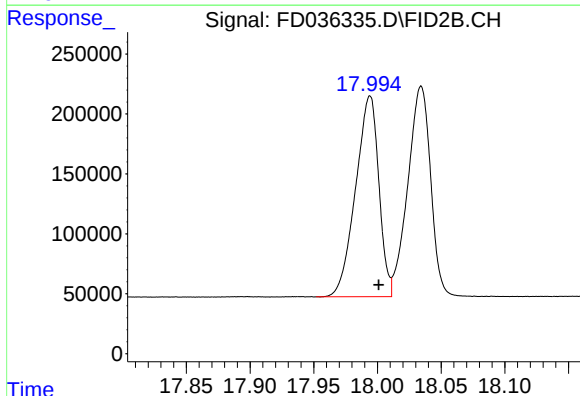
R.T.: 16.289 min
Delta R.T.: -0.006 min
Response: 2214145
Conc: 18.80 ug/ml

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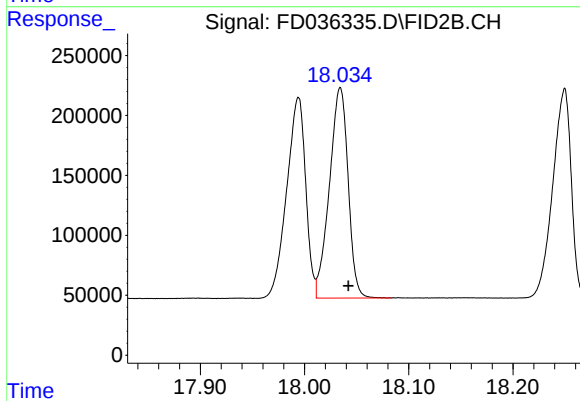
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.633 min
Delta R.T.: -0.007 min
Response: 2079026
Conc: 18.85 ug/ml



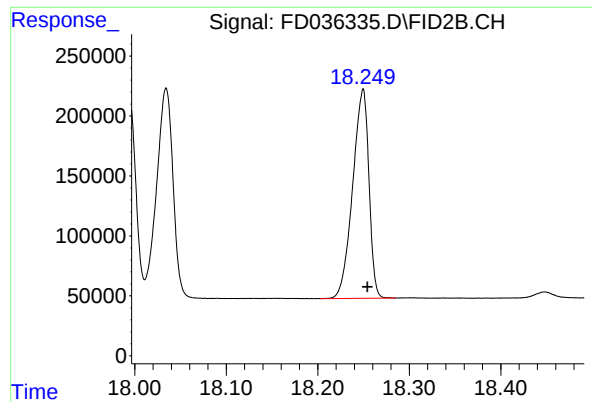
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.994 min
Delta R.T.: -0.007 min
Response: 2127332
Conc: 19.23 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.008 min
Response: 2190614
Conc: 19.80 ug/ml



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

R.T.: 18.250 min
Delta R.T.: -0.005 min
Response: 2151415
Conc: 19.46 ug/ml

Instrument :
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