

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042120AR\
 Data File : FD033100.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2020 6:18
 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: Apr 22 06:49:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 2020
 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...	7.597	2555150	17.415 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
6) S 2-Fluorobiphenyl (SURR)	8.459	1656059	16.975 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.95%
11) S ortho-Terphenyl (SURR)	11.492	2610100	16.332 ug/ml
Spiked Amount 50.000		Recovery =	32.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	2660090	17.125 ug/ml
2) T Naphthalene (C11.7)	5.939	2882296	17.665 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	2805306	17.384 ug/ml
5) T Acenaphthylene (C15.06)	8.261	2641134	17.074 ug/ml
7) T Acenaphthene (C15.5)	8.556	2754283	17.117 ug/ml
8) T Fluorene (C16.55)	9.336	2633508	16.939 ug/ml
9) T Phenanthrene (C19.36)	10.730	2526993	16.132 ug/ml
10) T Anthracene (C19.43)	10.806	2428696	15.945 ug/ml
12) T Fluoranthene (C21.85)	12.541	2448108	15.534 ug/ml
13) T Pyrene (C20.8)	12.838	2416623	15.475 ug/ml
14) T Benzo[a]anthracene (C...	14.751	2381781	16.732 ug/ml
15) T Chrysene (C27.41)	14.751	2381781	16.142 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2397683	17.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294	2397683	17.421 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.641	2375651	17.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.045	2408957	19.958 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	2408957	19.230 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	2376538	19.637 ug/ml

(f)=RT Delta > 1/2 Window

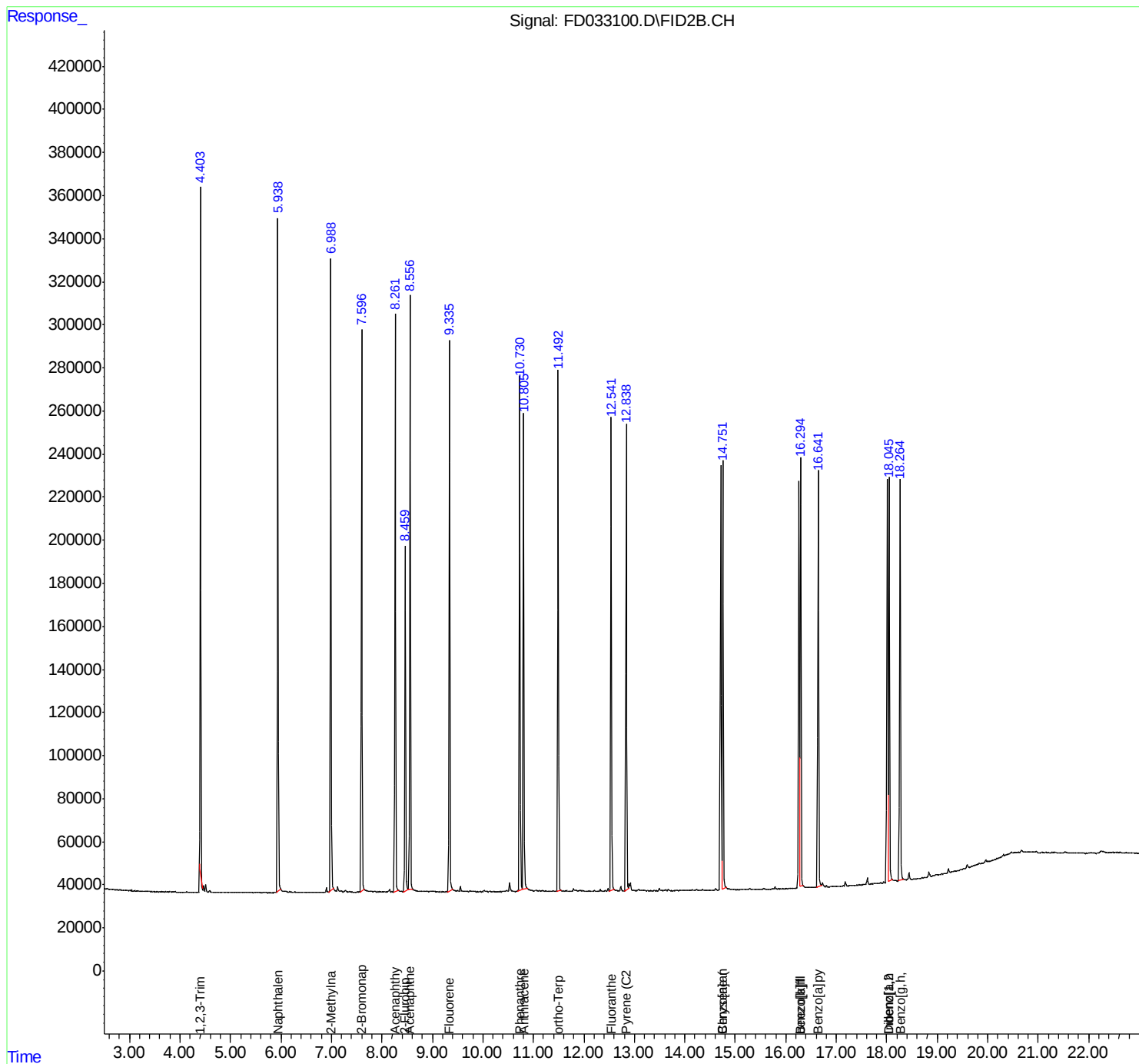
(m)=manual int.

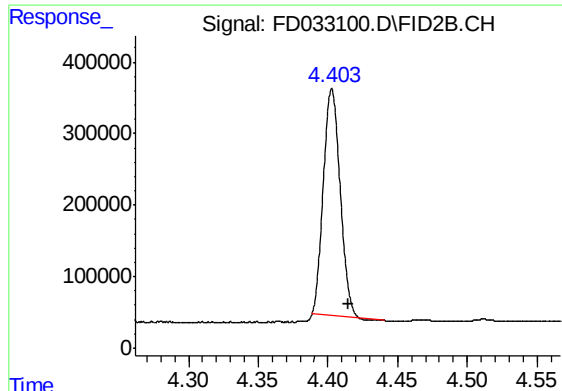
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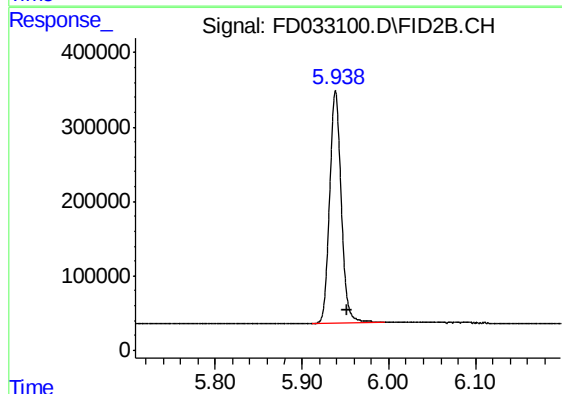




#1 1,2,3-Trimethylbenzene (C10.1)

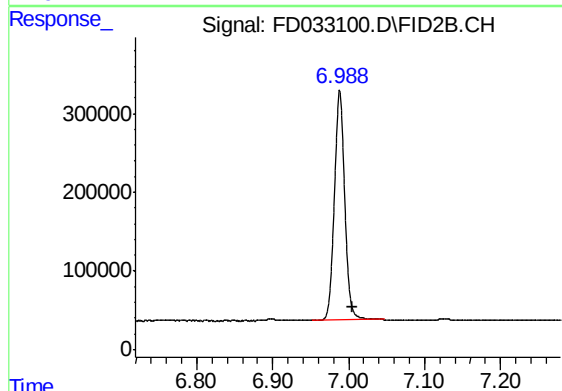
R.T.: 4.403 min
Delta R.T.: -0.012 min
Response: 2660090
Conc: 17.13 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



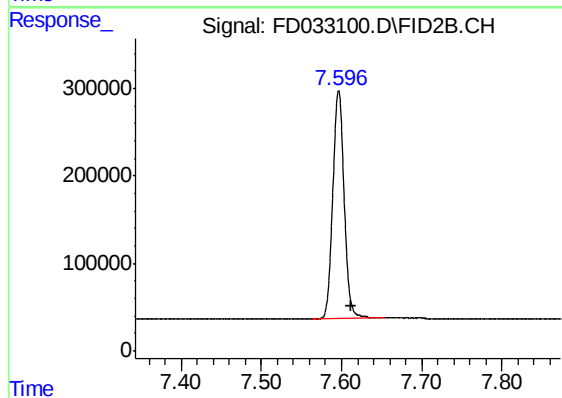
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.013 min
Response: 2882296
Conc: 17.67 ug/ml



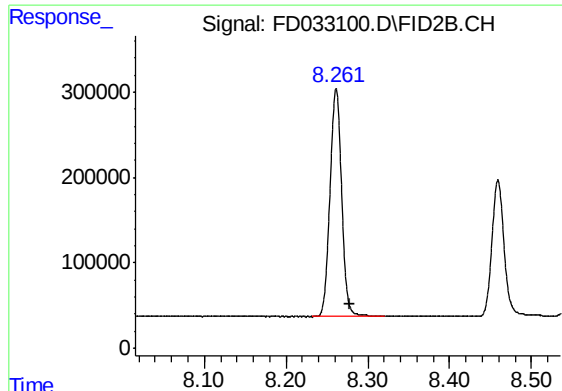
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 2805306
Conc: 17.38 ug/ml



#4 2-Bromonaphthalene (SURR)

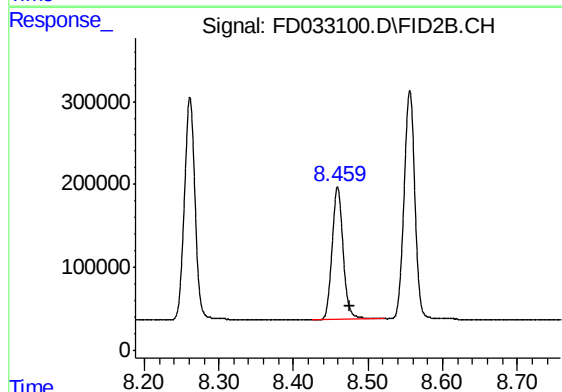
R.T.: 7.597 min
Delta R.T.: -0.015 min
Response: 2555150
Conc: 17.42 ug/ml



#5 Acenaphthylene (C15.06)

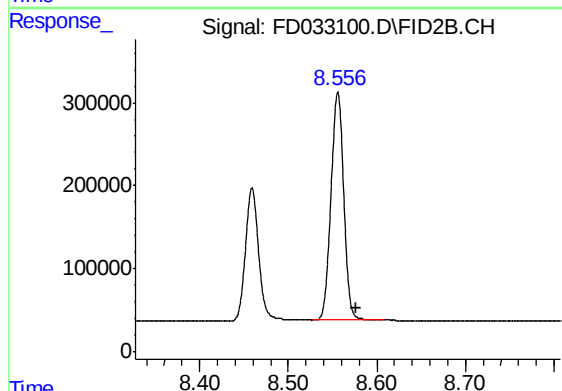
R.T.: 8.261 min
Delta R.T.: -0.017 min
Response: 2641134
Conc: 17.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



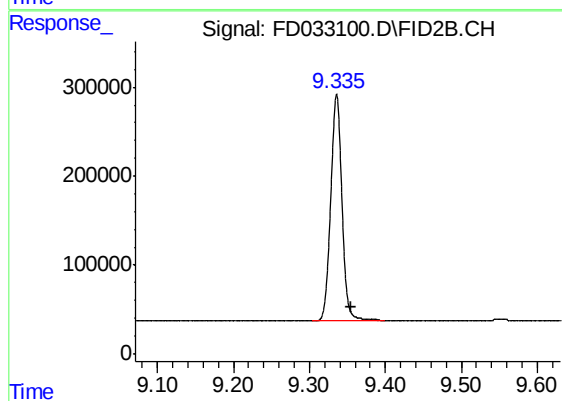
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.016 min
Response: 1656059
Conc: 16.97 ug/ml



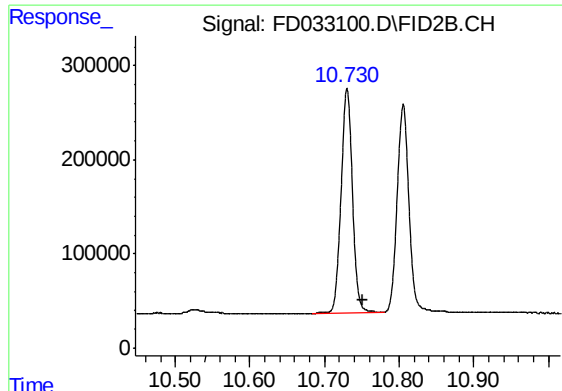
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.020 min
Response: 2754283
Conc: 17.12 ug/ml



#8 Flouorene (C16.55)

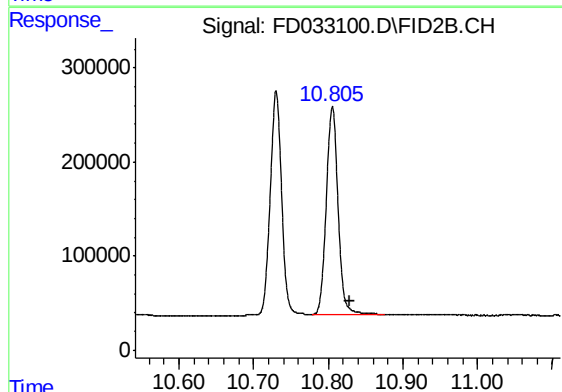
R.T.: 9.336 min
Delta R.T.: -0.020 min
Response: 2633508
Conc: 16.94 ug/ml



#9 Phenanthrene (C19.36)

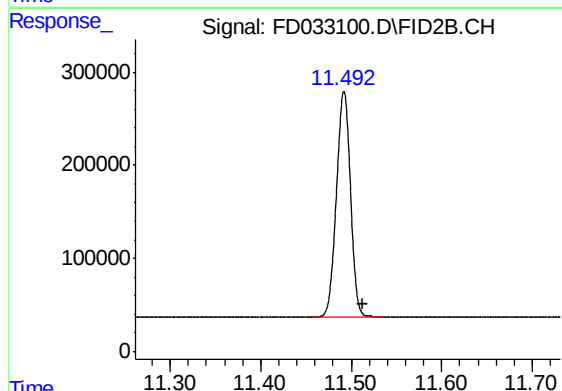
R.T.: 10.730 min
Delta R.T.: -0.021 min
Response: 2526993
Conc: 16.13 ug/ml

Instrument :
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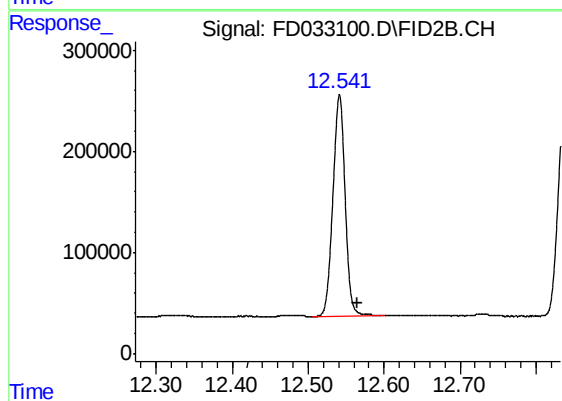
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: -0.023 min
Response: 2428696
Conc: 15.95 ug/ml



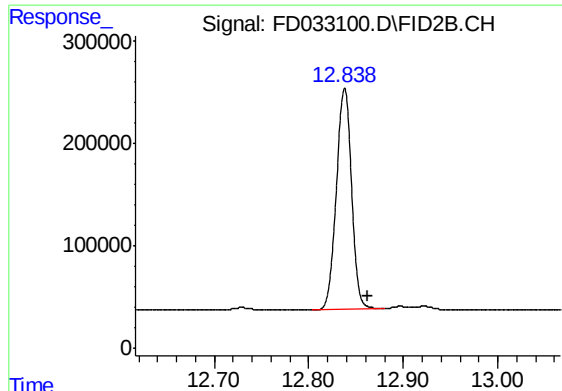
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.020 min
Response: 2610100
Conc: 16.33 ug/ml



#12 Fluoranthene (C21.85)

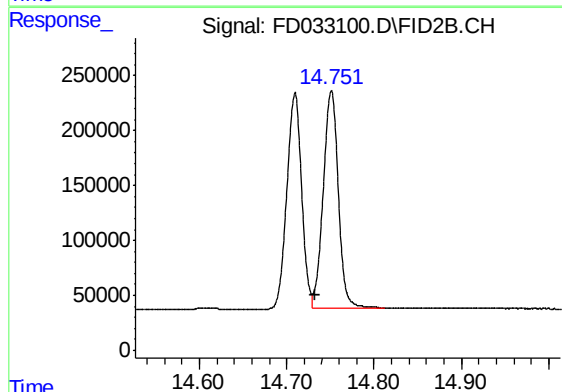
R.T.: 12.541 min
Delta R.T.: -0.023 min
Response: 2448108
Conc: 15.53 ug/ml



#13 Pyrene (C20.8)

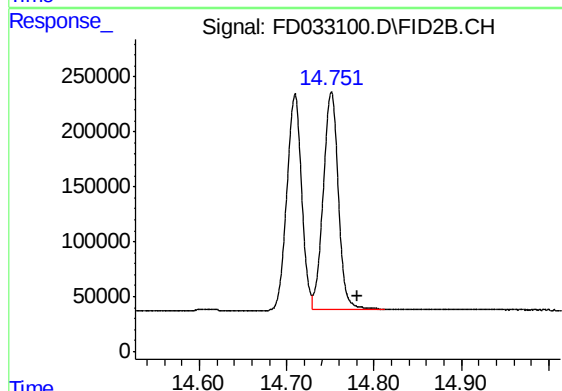
R.T.: 12.838 min
Delta R.T.: -0.024 min
Response: 2416623
Conc: 15.48 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



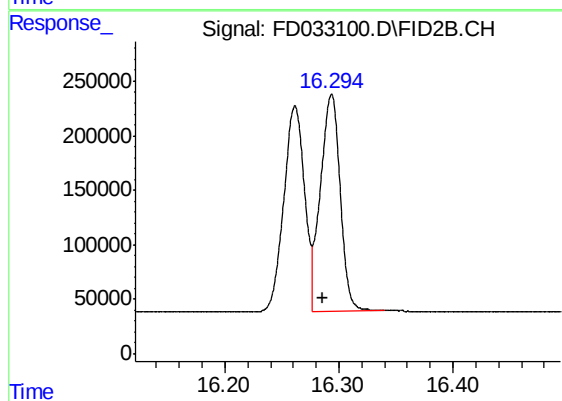
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.751 min
Delta R.T.: 0.018 min
Response: 2381781
Conc: 16.73 ug/ml



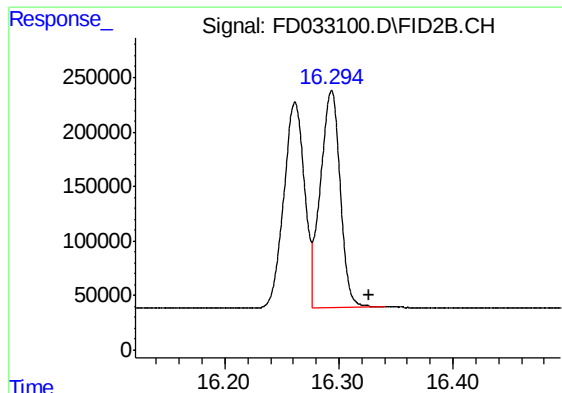
#15 Chrysene (C27.41)

R.T.: 14.751 min
Delta R.T.: -0.030 min
Response: 2381781
Conc: 16.14 ug/ml



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

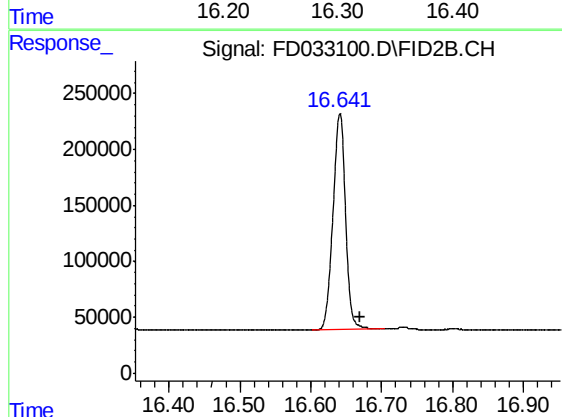
R.T.: 16.294 min
Delta R.T.: 0.007 min
Response: 2397683
Conc: 17.57 ug/ml



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

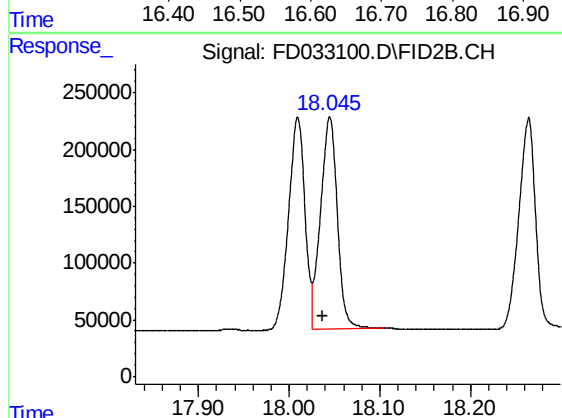
R.T.: 16.294 min
Delta R.T.: -0.033 min
Response: 2397683
Conc: 17.42 ug/ml

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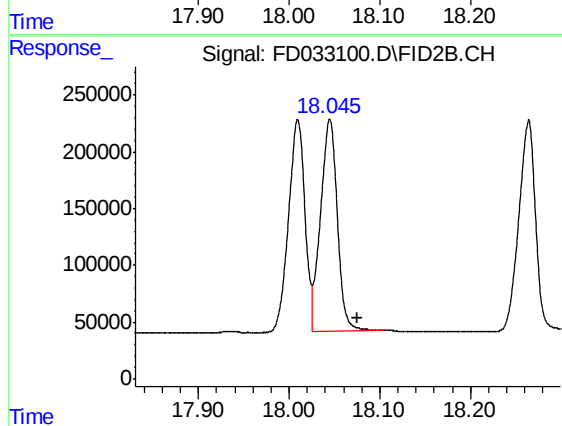
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.641 min
Delta R.T.: -0.028 min
Response: 2375651
Conc: 17.93 ug/ml



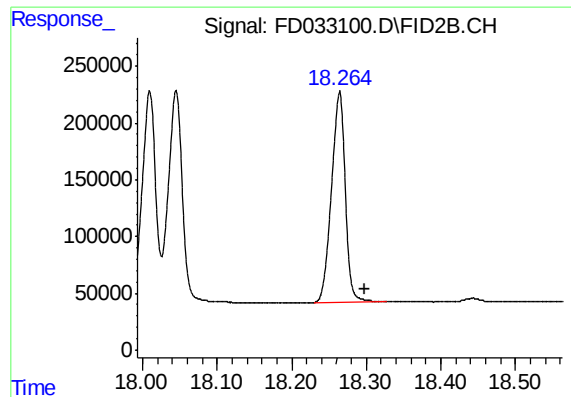
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min
Delta R.T.: 0.007 min
Response: 2408957
Conc: 19.96 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.030 min
Response: 2408957
Conc: 19.23 ug/ml



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

R.T.: 18.264 min
Delta R.T.: -0.034 min
Response: 2376538
Conc: 19.64 ug/ml

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