

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030520AR\
 Data File : FD032502.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2020 13:57
 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 06 00:59:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.619	2782450	21.528 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
6) S 2-Fluorobiphenyl (SURR)	8.480	1895858	21.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.95%
11) S ortho-Terphenyl (SURR)	11.518	2892938	20.864 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	2957756	22.236 ug/ml
2) T Naphthalene (C11.7)	5.961	3085454	21.716 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	3054611	21.519 ug/ml
5) T Acenaphthylene (C15.06)	8.284	2903800	21.228 ug/ml
7) T Acenaphthene (C15.5)	8.579	3006448	21.294 ug/ml
8) T Flouorene (C16.55)	9.358	2966365	21.161 ug/ml
9) T Phenanthrene (C19.36)	10.753	2964459	21.213 ug/ml
10) T Anthracene (C19.43)	10.827	2824648	20.175 ug/ml
12) T Fluoranthene (C21.85)	12.562	2898025	20.663 ug/ml
13) T Pyrene (C20.8)	12.859	2852245	20.744 ug/ml
14) T Benzo[a]anthracene (C...	14.729	2648377	20.296 ug/ml
15) T Chrysene (C27.41)	14.771	2697113	20.035 ug/ml
16) T benzo[b]fluoranthene ...	16.278	2546121	19.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	2557290	19.480 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.656	2494198	19.579 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	2310768	19.392 ug/ml
20) T Dibenz[a,h]anthracene...	18.060	2447620	19.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2310263	19.542 ug/ml

(f)=RT Delta > 1/2 Window

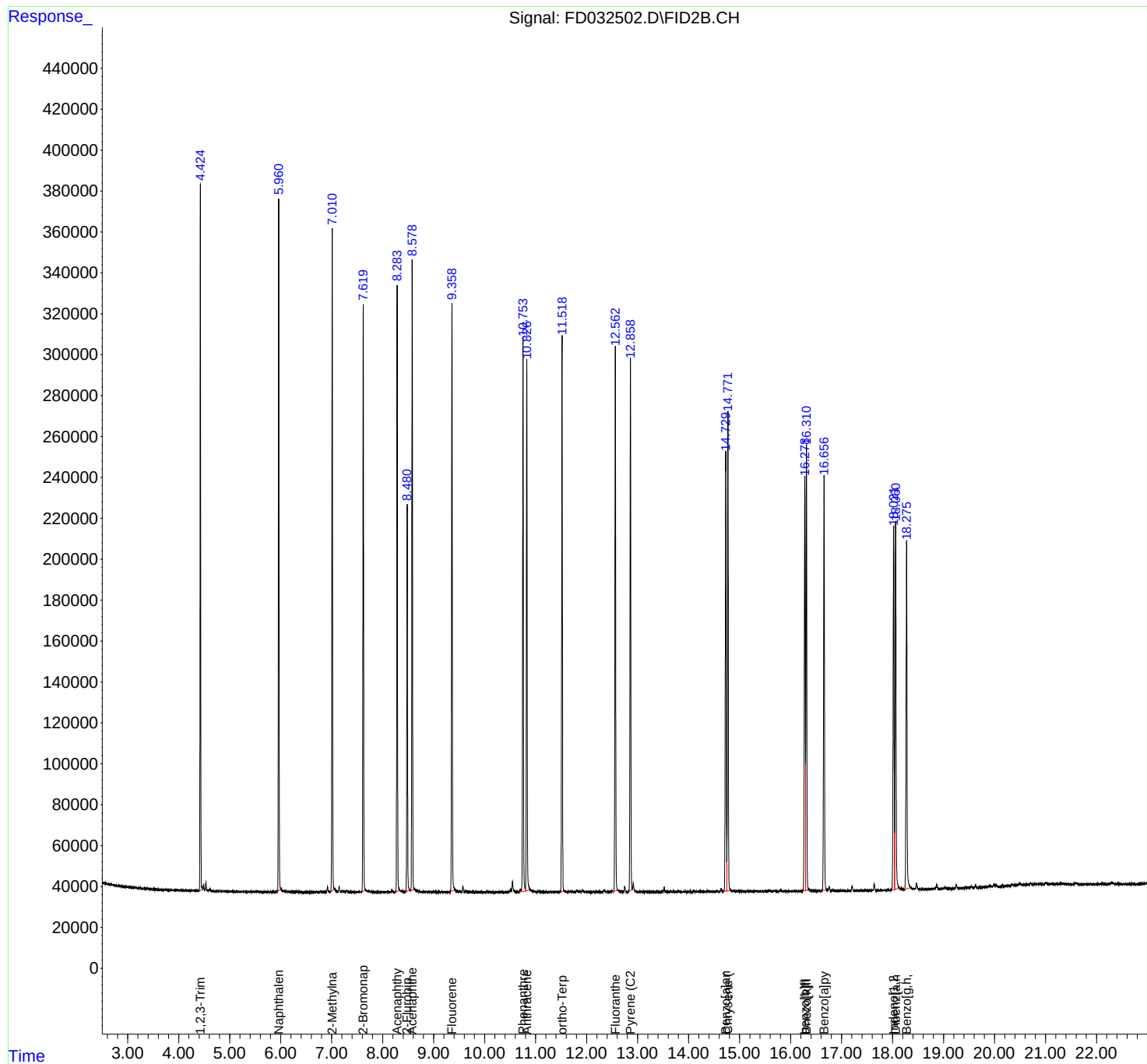
(m)=manual int.

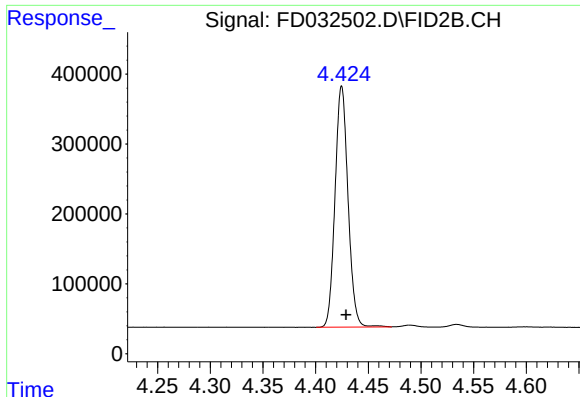
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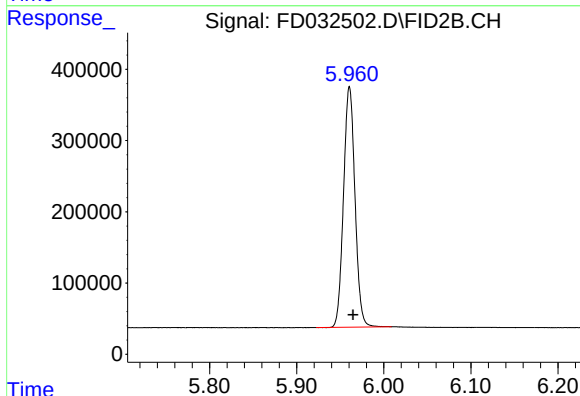




#1 1,2,3-Trimethylbenzene (C10.1)

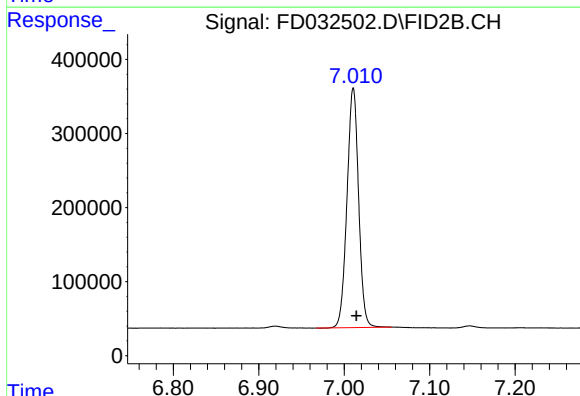
R.T.: 4.425 min
Delta R.T.: -0.004 min
Response: 2957756
Conc: 22.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



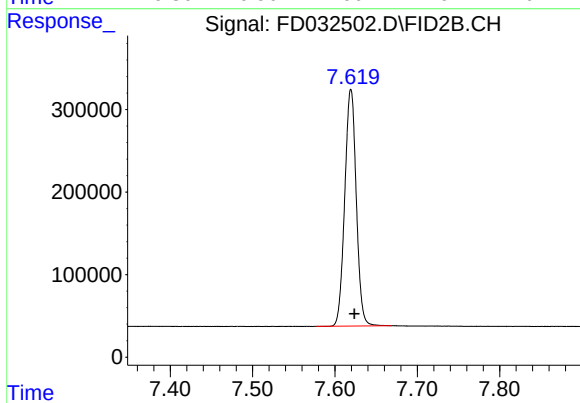
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 3085454
Conc: 21.72 ug/ml



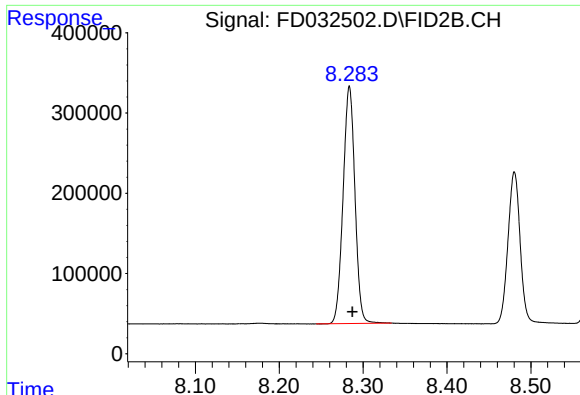
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 3054611
Conc: 21.52 ug/ml



#4 2-Bromonaphthalene (SURR)

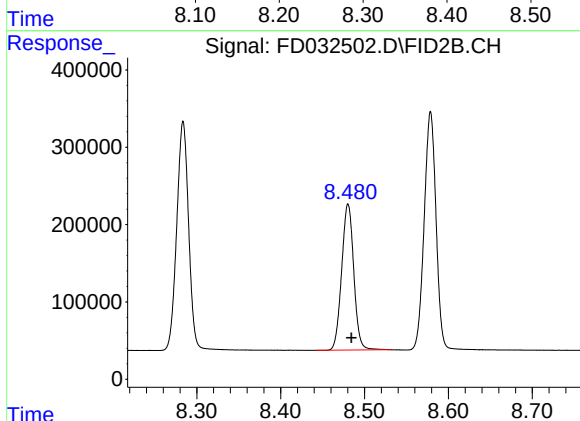
R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 2782450
Conc: 21.53 ug/ml



#5 Acenaphthylene (C15.06)

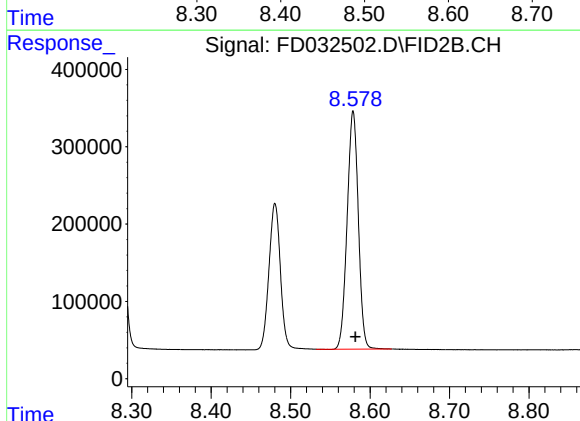
R.T.: 8.284 min
Delta R.T.: -0.004 min
Response: 2903800
Conc: 21.23 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



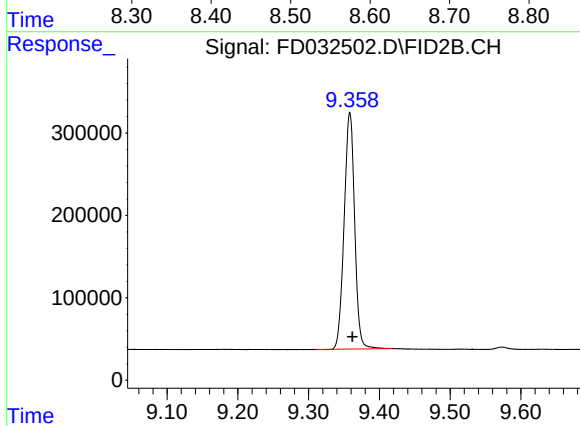
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.004 min
Response: 1895858
Conc: 21.48 ug/ml



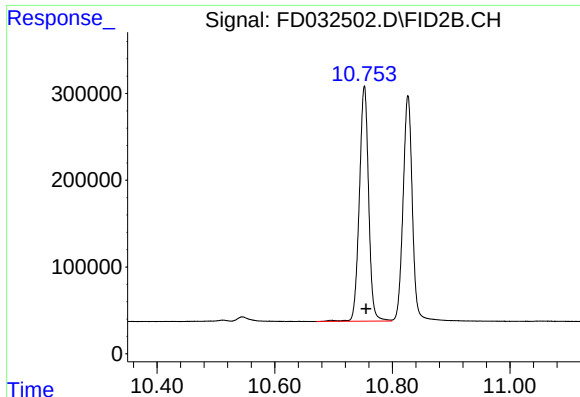
#7 Acenaphthene (C15.5)

R.T.: 8.579 min
Delta R.T.: -0.003 min
Response: 3006448
Conc: 21.29 ug/ml



#8 Flouorene (C16.55)

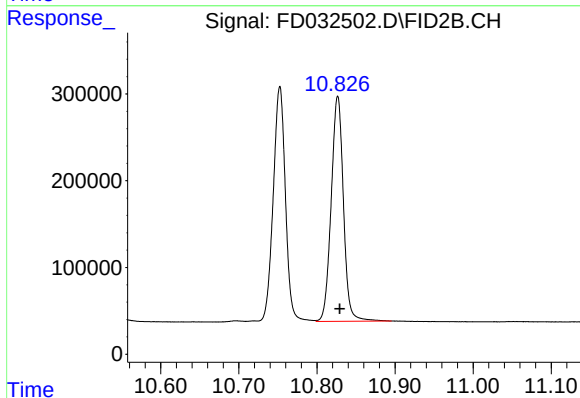
R.T.: 9.358 min
Delta R.T.: -0.003 min
Response: 2966365
Conc: 21.16 ug/ml



#9 Phenanthrene (C19.36)

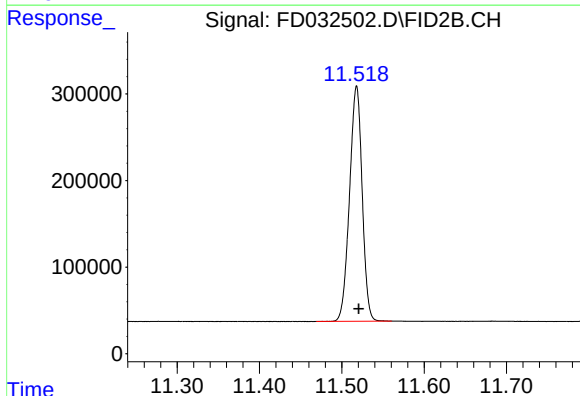
R.T.: 10.753 min
Delta R.T.: -0.003 min
Response: 2964459
Conc: 21.21 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



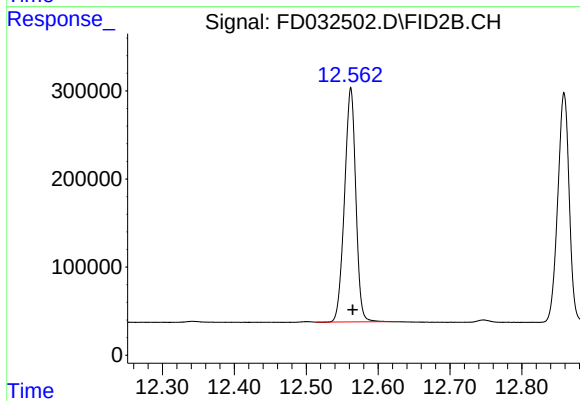
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: -0.003 min
Response: 2824648
Conc: 20.18 ug/ml



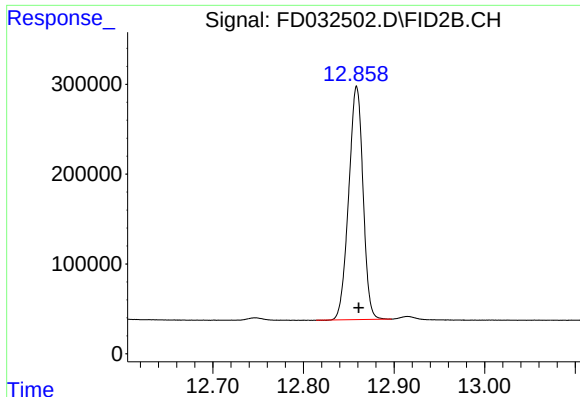
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 2892938
Conc: 20.86 ug/ml



#12 Fluoranthene (C21.85)

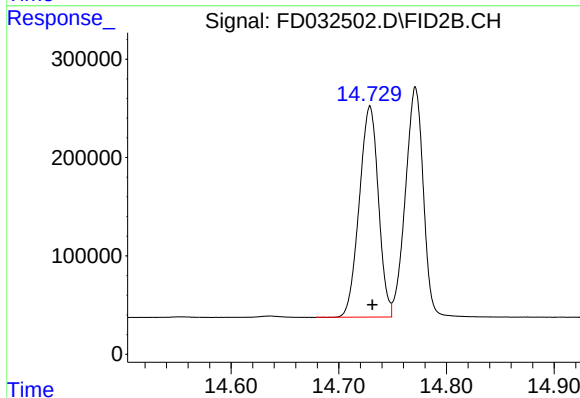
R.T.: 12.562 min
Delta R.T.: -0.003 min
Response: 2898025
Conc: 20.66 ug/ml



#13 Pyrene (C20.8)

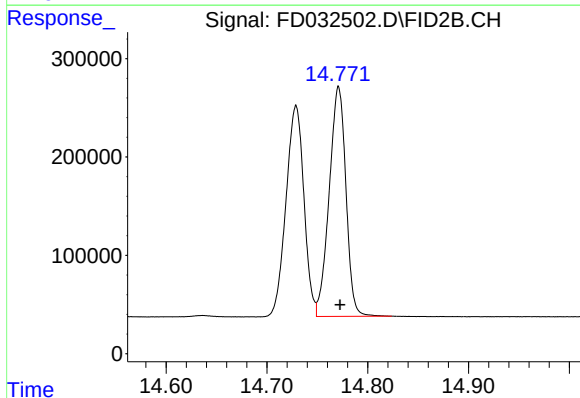
R.T.: 12.859 min
Delta R.T.: -0.002 min
Response: 2852245
Conc: 20.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



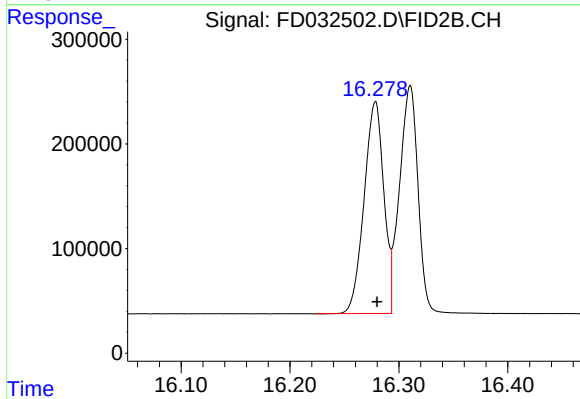
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.729 min
Delta R.T.: -0.002 min
Response: 2648377
Conc: 20.30 ug/ml



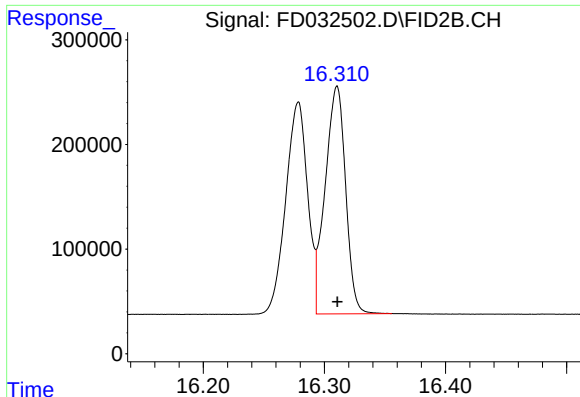
#15 Chrysene (C27.41)

R.T.: 14.771 min
Delta R.T.: -0.001 min
Response: 2697113
Conc: 20.04 ug/ml



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

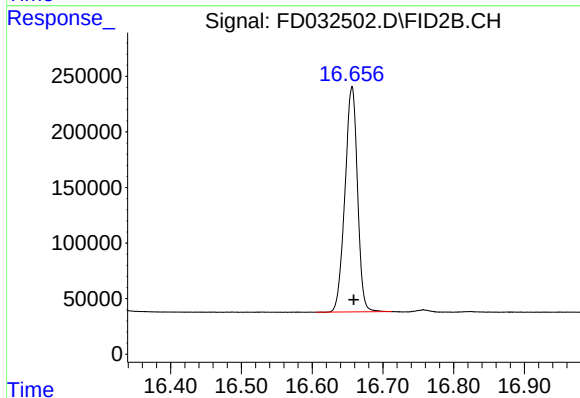
R.T.: 16.278 min
Delta R.T.: -0.002 min
Response: 2546121
Conc: 19.85 ug/ml



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

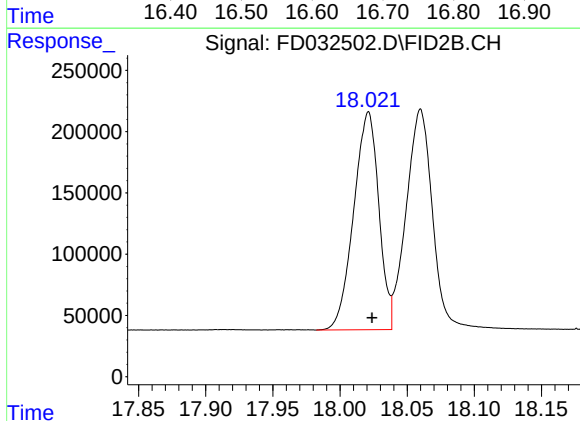
R.T.: 16.310 min
Delta R.T.: 0.000 min
Response: 2557290
Conc: 19.48 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



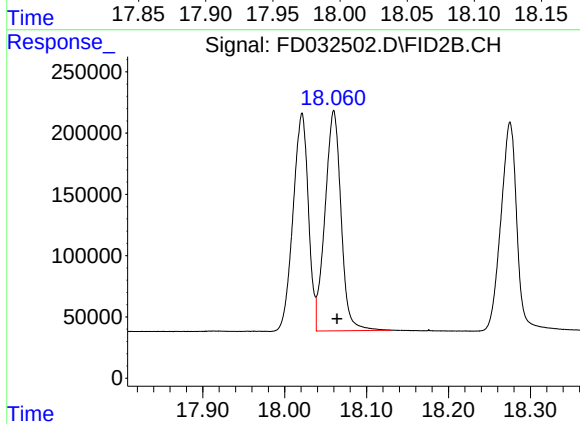
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.656 min
Delta R.T.: -0.003 min
Response: 2494198
Conc: 19.58 ug/ml



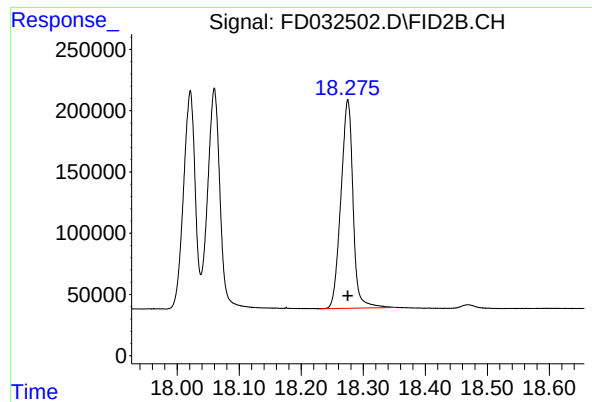
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.003 min
Response: 2310768
Conc: 19.39 ug/ml



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

R.T.: 18.060 min
Delta R.T.: -0.004 min
Response: 2447620
Conc: 19.36 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2310263
Conc: 19.54 ug/ml

Instrument :
FID_D
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