

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082420AR\
 Data File : FD034504.D
 Signal(s) : FID2B.CH
 Acq On : 24 Aug 2020 23:17
 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: Aug 25 02:26:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.696	2199096	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
6) S 2-Fluorobiphenyl (SURR)	8.562	1530508	18.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.92%
11) S ortho-Terphenyl (SURR)	11.604	2480510	18.253 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2514239	19.726 ug/ml
2) T Naphthalene (C11.7)	6.033	2527856	18.895 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	2532395	18.761 ug/ml
5) T Acenaphthylene (C15.06)	8.365	2438401	18.425 ug/ml
7) T Acenaphthene (C15.5)	8.661	2490992	18.522 ug/ml
8) T Flouorene (C16.55)	9.442	2430491	18.286 ug/ml
9) T Phenanthrene (C19.36)	10.841	2410001	17.980 ug/ml
10) T Anthracene (C19.43)	10.915	2034884	15.332 ug/ml
12) T Fluoranthene (C21.85)	12.655	2424511	17.838 ug/ml
13) T Pyrene (C20.8)	12.953	2363517	17.750 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2303800	17.553 ug/ml
15) T Chrysene (C27.41)	14.867	2343031	17.871 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2334968	18.251 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	2276709	18.382 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	2300630	18.375 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.120	2272176	18.884 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	2277276	19.290 ug/ml
21) T Benzo[g,h,i]perylene ...	18.376	2284590	19.281 ug/ml

(f)=RT Delta > 1/2 Window

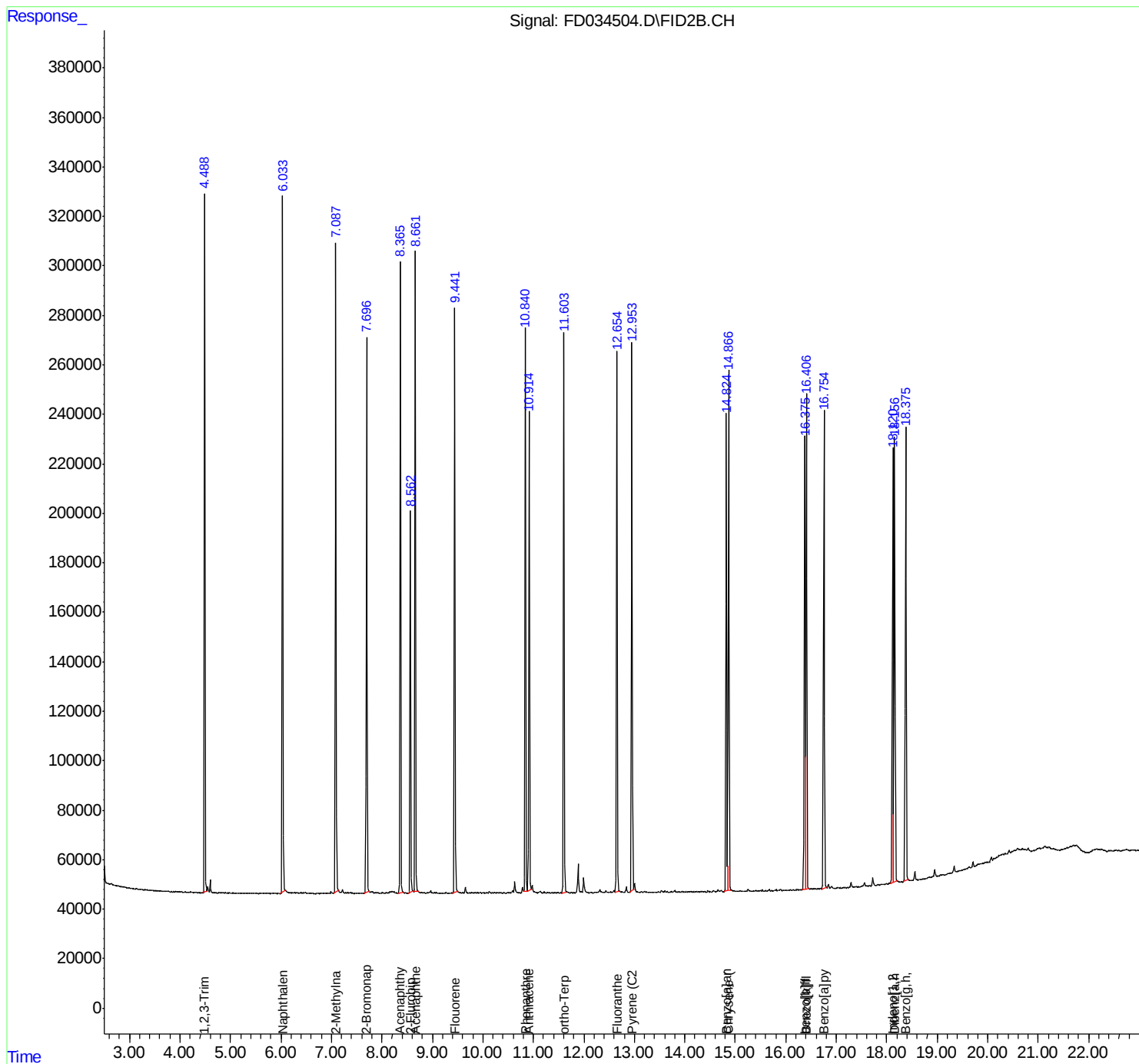
(m)=manual int.

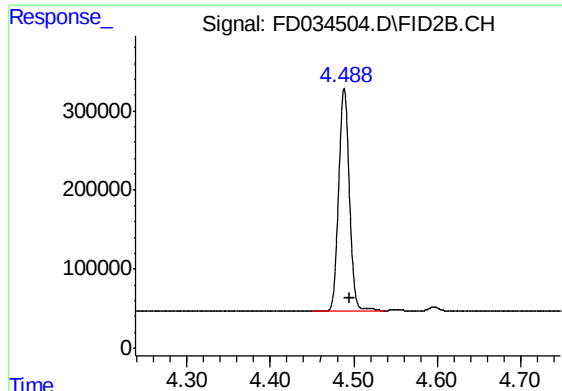
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Signal Info : 20M x 0.18mm x 0.18µm

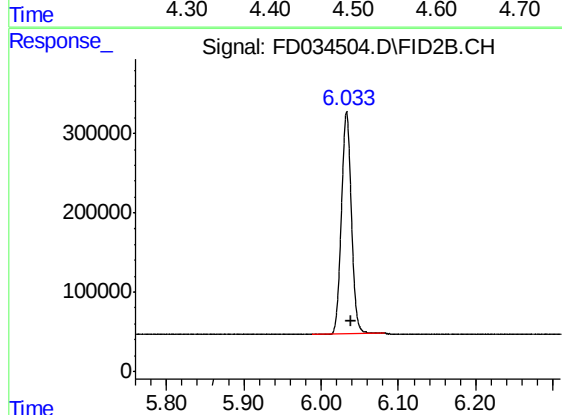




#1 1,2,3-Trimethylbenzene (C10.1)

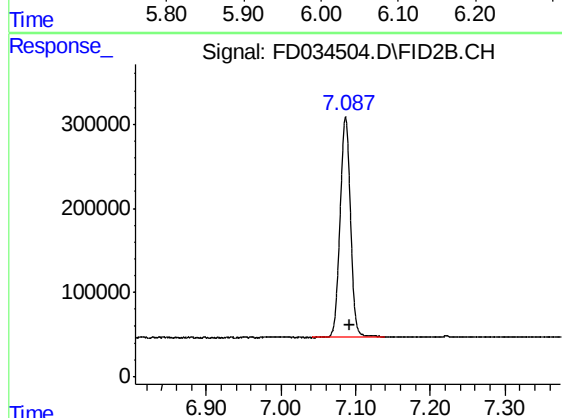
R.T.: 4.489 min
Delta R.T.: -0.007 min
Response: 2514239
Conc: 19.73 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



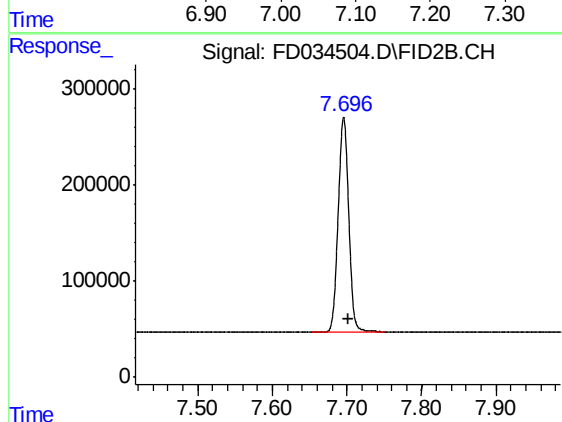
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.006 min
Response: 2527856
Conc: 18.89 ug/ml



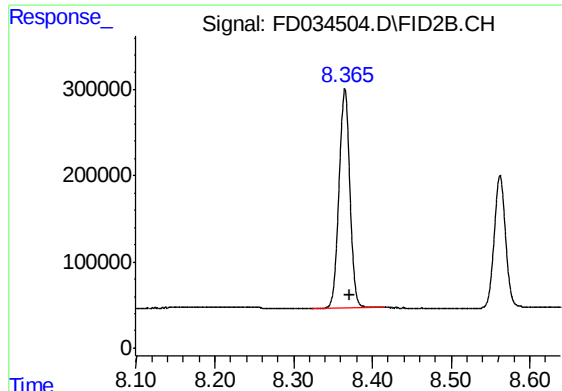
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 2532395
Conc: 18.76 ug/ml



#4 2-Bromonaphthalene (SURR)

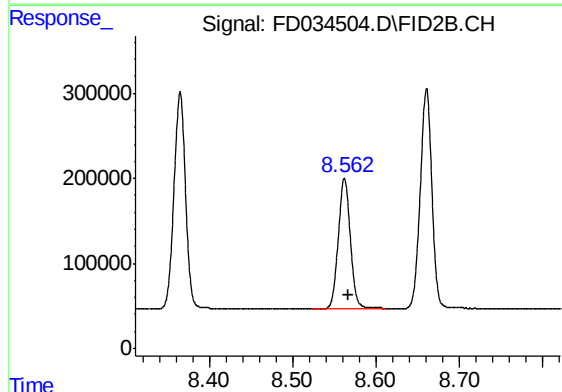
R.T.: 7.696 min
Delta R.T.: -0.006 min
Response: 2199096
Conc: 18.81 ug/ml



#5 Acenaphthylene (C15.06)

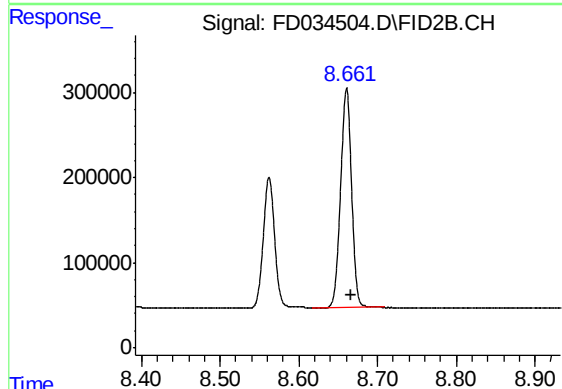
R.T.: 8.365 min
Delta R.T.: -0.005 min
Response: 2438401
Conc: 18.42 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



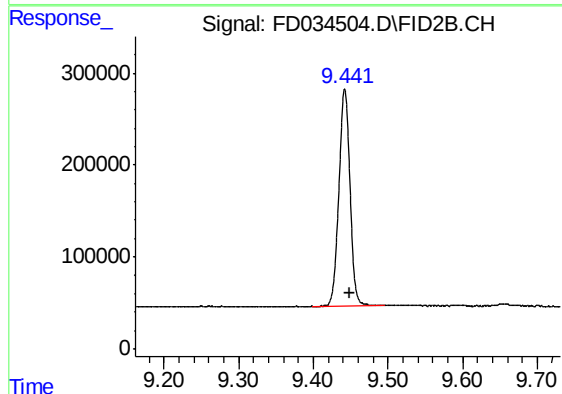
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.562 min
Delta R.T.: -0.006 min
Response: 1530508
Conc: 18.46 ug/ml



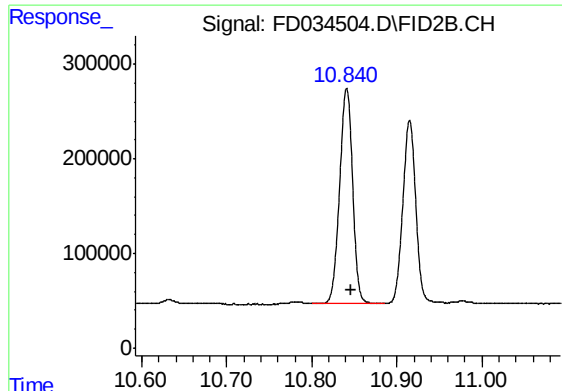
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 2490992
Conc: 18.52 ug/ml



#8 Fluorene (C16.55)

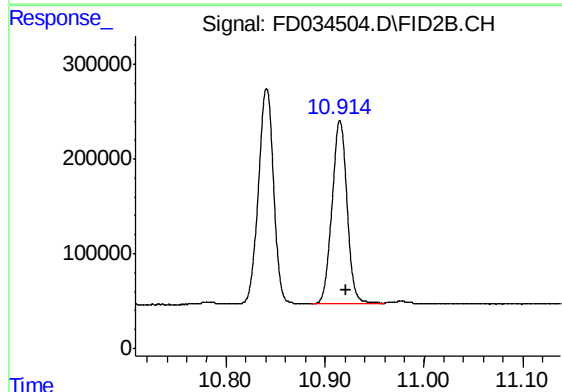
R.T.: 9.442 min
Delta R.T.: -0.006 min
Response: 2430491
Conc: 18.29 ug/ml



#9 Phenanthrene (C19.36)

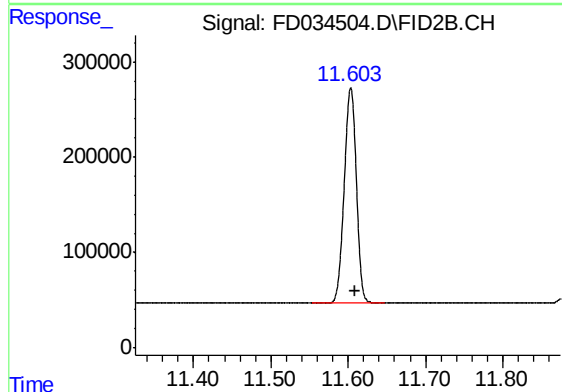
R.T.: 10.841 min
Delta R.T.: -0.005 min
Response: 2410001
Conc: 17.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



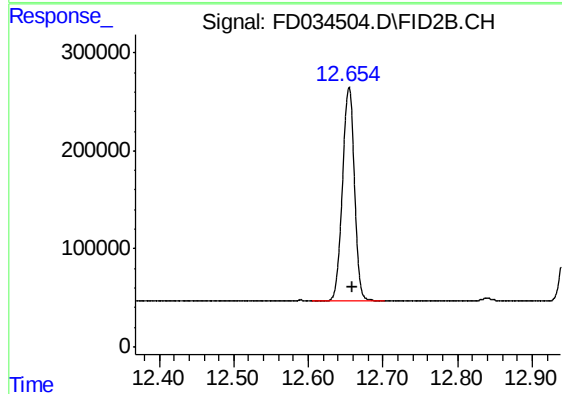
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: -0.006 min
Response: 2034884
Conc: 15.33 ug/ml



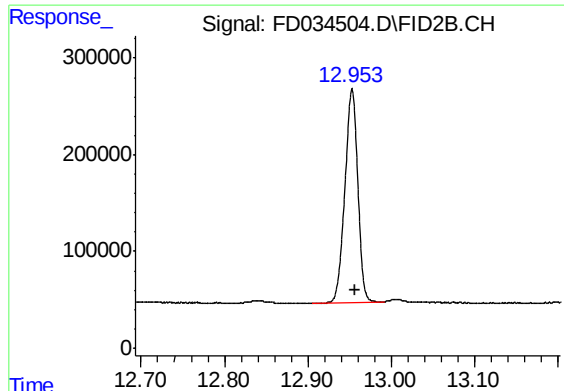
#11 ortho-Terphenyl (SURRE)

R.T.: 11.604 min
Delta R.T.: -0.006 min
Response: 2480510
Conc: 18.25 ug/ml



#12 Fluoranthene (C21.85)

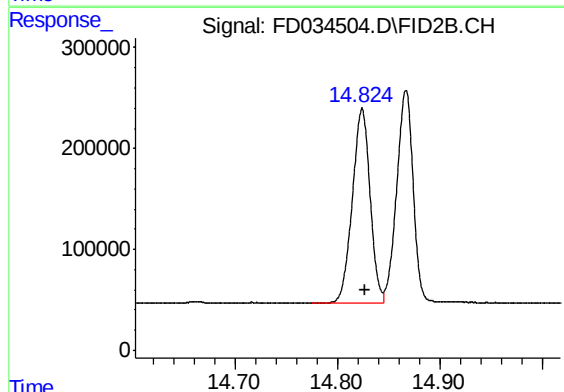
R.T.: 12.655 min
Delta R.T.: -0.004 min
Response: 2424511
Conc: 17.84 ug/ml



#13 Pyrene (C20.8)

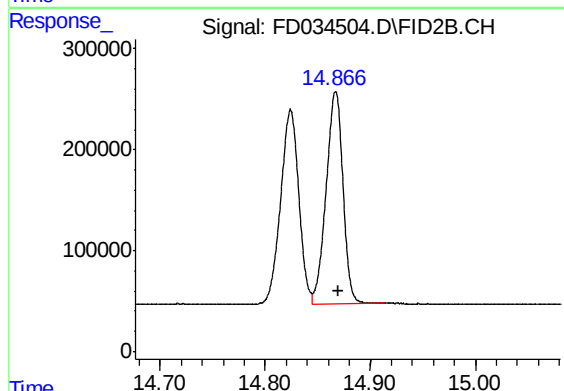
R.T.: 12.953 min
Delta R.T.: -0.004 min
Response: 2363517
Conc: 17.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



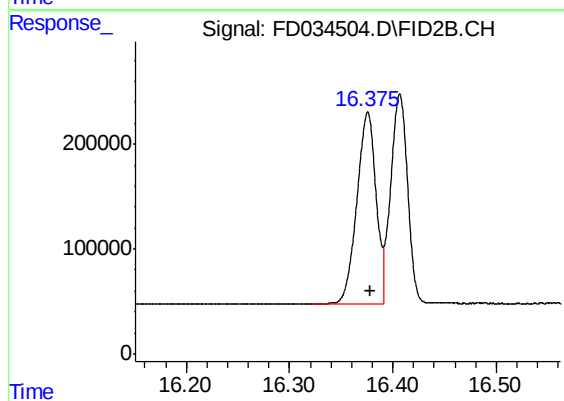
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.003 min
Response: 2303800
Conc: 17.55 ug/ml



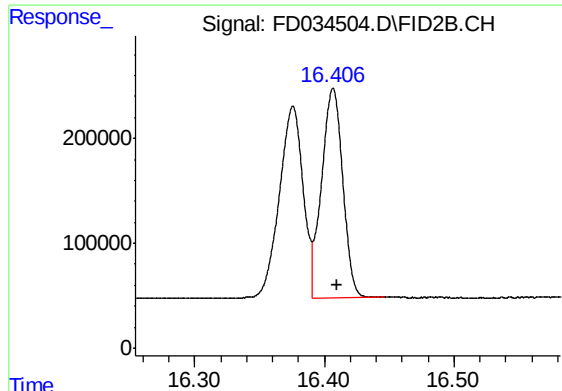
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.003 min
Response: 2343031
Conc: 17.87 ug/ml



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

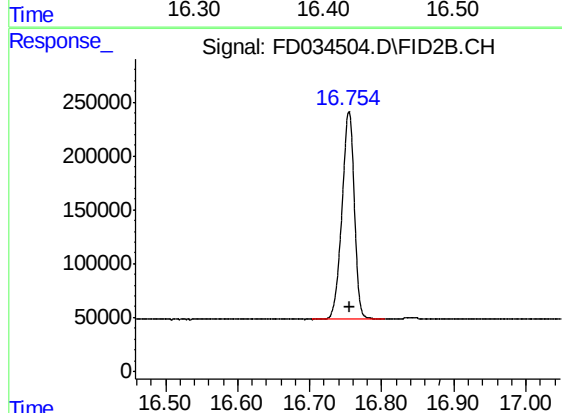
R.T.: 16.376 min
Delta R.T.: -0.002 min
Response: 2334968
Conc: 18.25 ug/ml



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

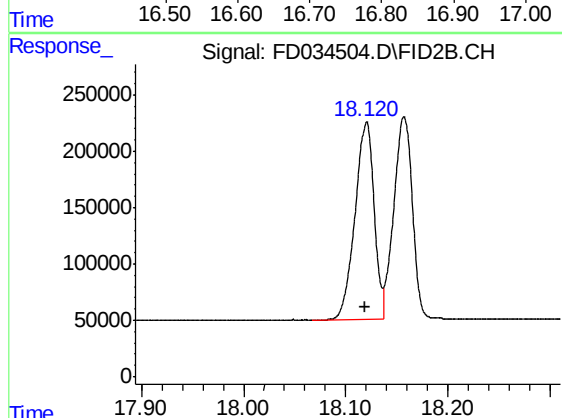
R.T.: 16.407 min
Delta R.T.: -0.003 min
Response: 2276709
Conc: 18.38 ug/ml

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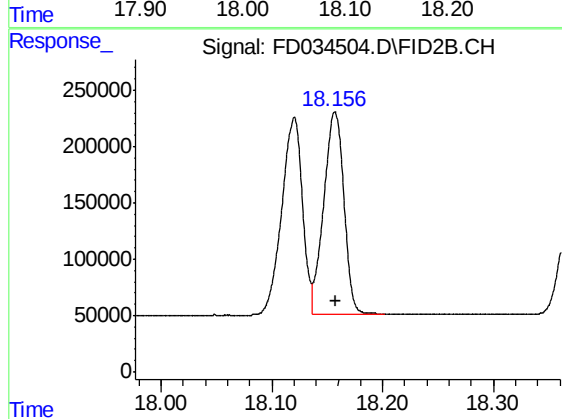
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.000 min
Response: 2300630
Conc: 18.37 ug/ml



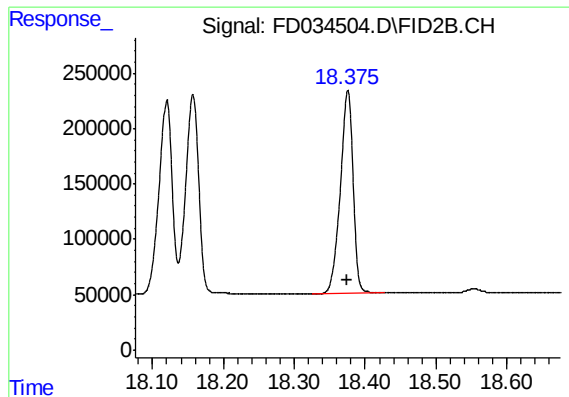
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.120 min
Delta R.T.: 0.002 min
Response: 2272176
Conc: 18.88 ug/ml



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

R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 2277276
Conc: 19.29 ug/ml



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

R.T.: 18.376 min
Delta R.T.: 0.001 min
Response: 2284590
Conc: 19.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD