

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121418AR\
 Data File : FD026921.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2018 4:09
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 15 05:29:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 2018
 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...	7.376	1818250	22.078 ug/ml
Spiked Amount 50.000		Recovery =	44.16%
6) S 2-Fluorobiphenyl (SURR)	8.225	1240881	21.961 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.92%
11) S ortho-Terphenyl (SURR)	11.270	2089131	22.043 ug/ml
Spiked Amount 50.000		Recovery =	44.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	1936823	21.937 ug/ml
2) T Naphthalene (C11.7)	5.710	2111313	22.181 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	2079985	22.113 ug/ml
5) T Acenaphthylene (C15.06)	8.029	2002029	21.948 ug/ml
7) T Acenaphthene (C15.5)	8.325	2093641	21.917 ug/ml
8) T Flouorene (C16.55)	9.103	2069639	21.813 ug/ml
9) T Phenanthrene (C19.36)	10.492	2101417	22.067 ug/ml
10) T Anthracene (C19.43)	10.567	2072956	21.940 ug/ml
12) T Fluoranthene (C21.85)	12.297	2169627	22.497 ug/ml
13) T Pyrene (C20.8)	12.591	2196227	22.717 ug/ml
14) T Benzo[a]anthracene (C...	14.462	2195797	23.308 ug/ml
15) T Chrysene (C27.41)	14.503	2203833	23.301 ug/ml
16) T benzo[b]fluoranthene ...	16.008	2269269	22.790 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	2289074	23.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	2255875	22.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	2172395	20.444 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	2129789	21.119 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	2229535	21.228 ug/ml

(f)=RT Delta > 1/2 Window

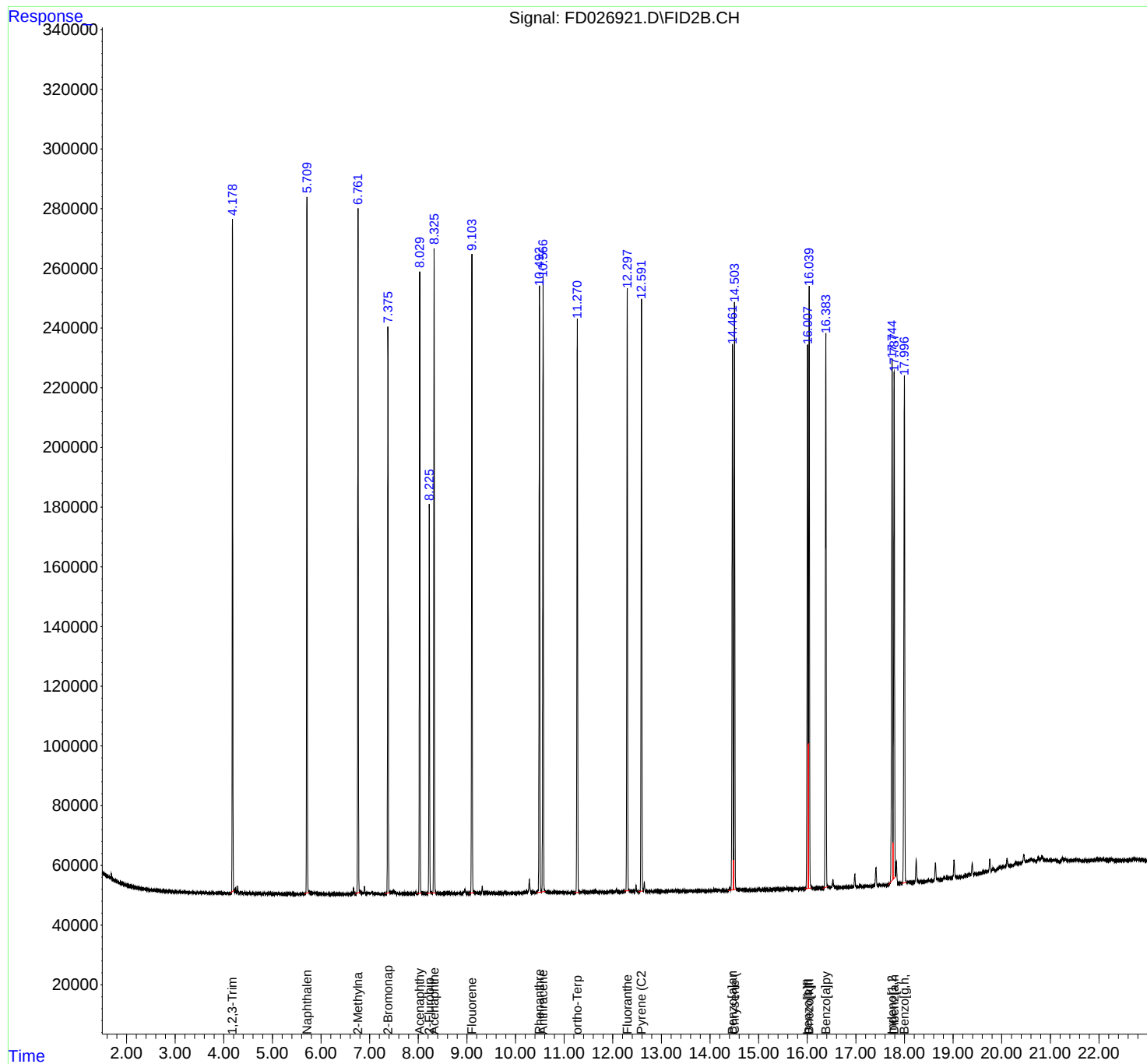
(m)=manual int.

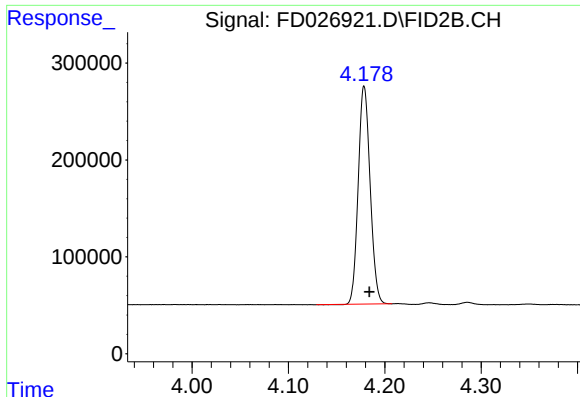
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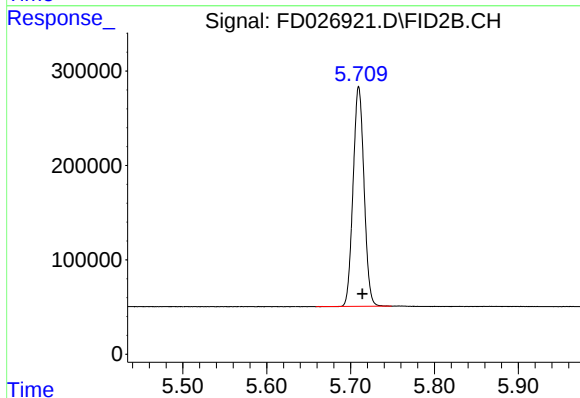




#1 1,2,3-Trimethylbenzene (C10.1)

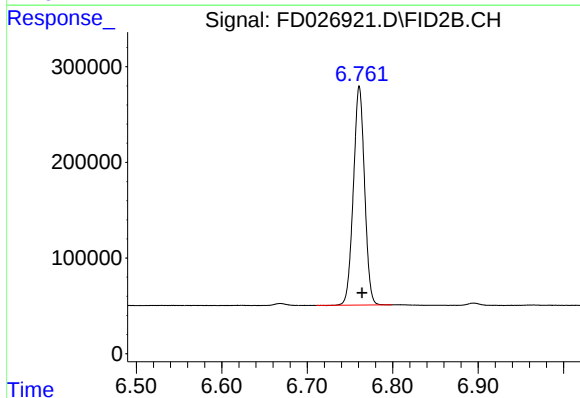
R.T.: 4.179 min
Delta R.T.: -0.005 min
Response: 1936823
Conc: 21.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



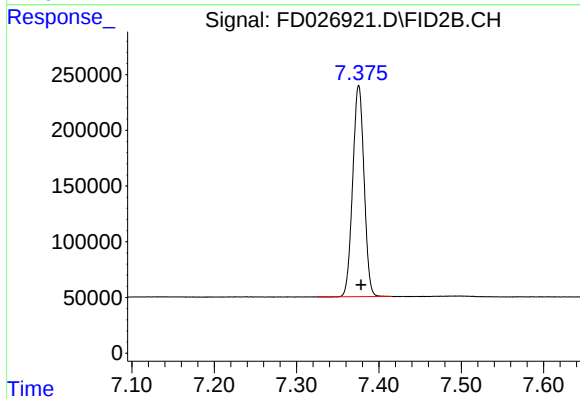
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 2111313
Conc: 22.18 ug/ml



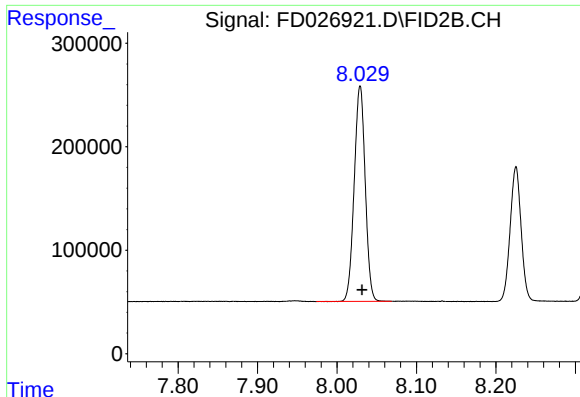
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 2079985
Conc: 22.11 ug/ml



#4 2-Bromonaphthalene (SURR)

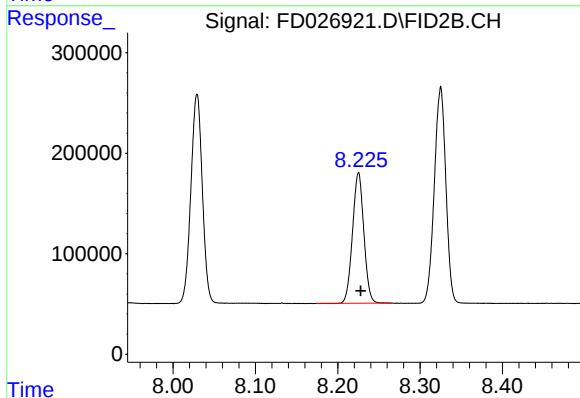
R.T.: 7.376 min
Delta R.T.: -0.003 min
Response: 1818250
Conc: 22.08 ug/ml



#5 Acenaphthylene (C15.06)

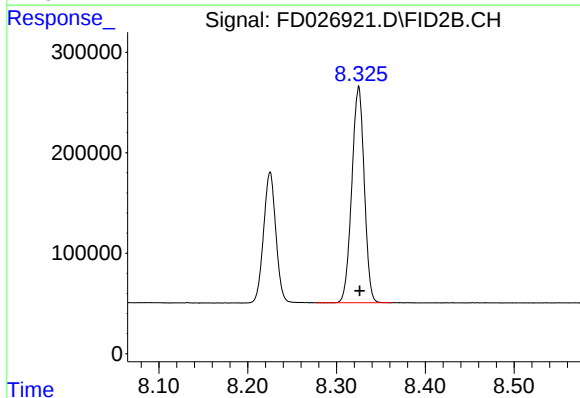
R.T.: 8.029 min
Delta R.T.: -0.002 min
Response: 2002029
Conc: 21.95 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



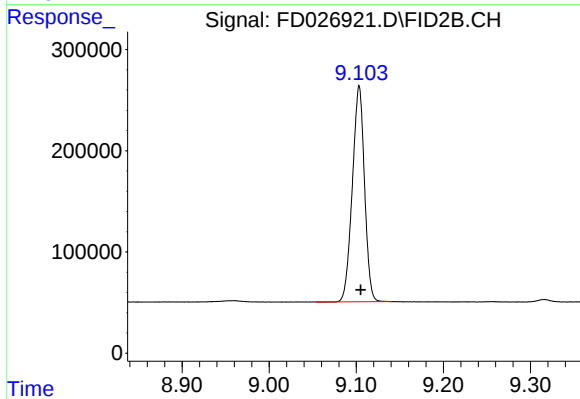
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 1240881
Conc: 21.96 ug/ml



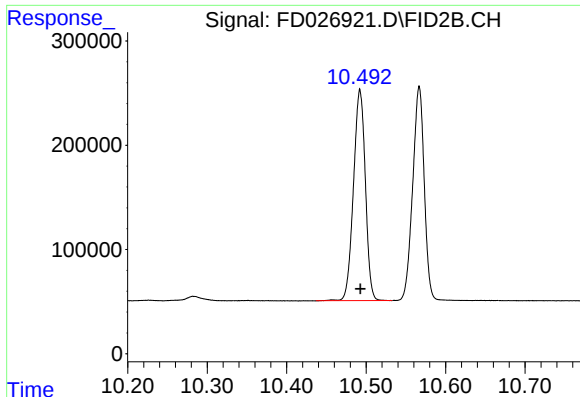
#7 Acenaphthene (C15.5)

R.T.: 8.325 min
Delta R.T.: -0.001 min
Response: 2093641
Conc: 21.92 ug/ml



#8 Flouorene (C16.55)

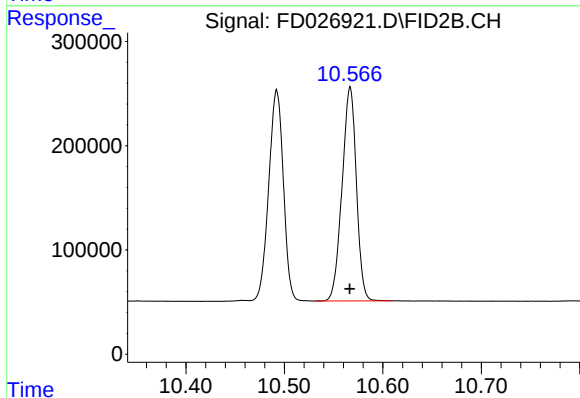
R.T.: 9.103 min
Delta R.T.: -0.002 min
Response: 2069639
Conc: 21.81 ug/ml



#9 Phenanthrene (C19.36)

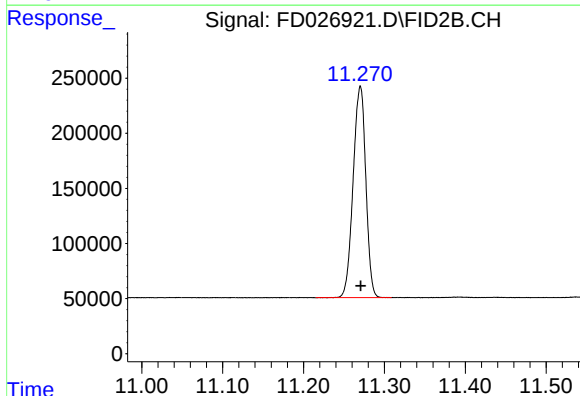
R.T.: 10.492 min
Delta R.T.: 0.000 min
Response: 2101417
Conc: 22.07 ug/ml

Instrument :
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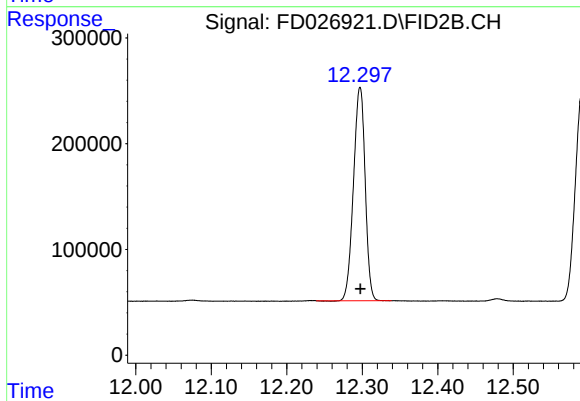
#10 Anthracene (C19.43)

R.T.: 10.567 min
Delta R.T.: 0.000 min
Response: 2072956
Conc: 21.94 ug/ml



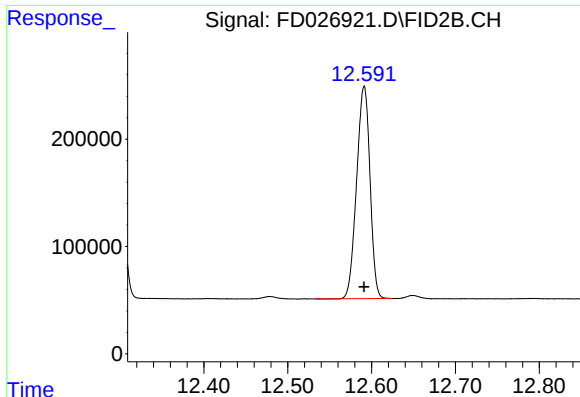
#11 ortho-Terphenyl (SURR)

R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 2089131
Conc: 22.04 ug/ml



#12 Fluoranthene (C21.85)

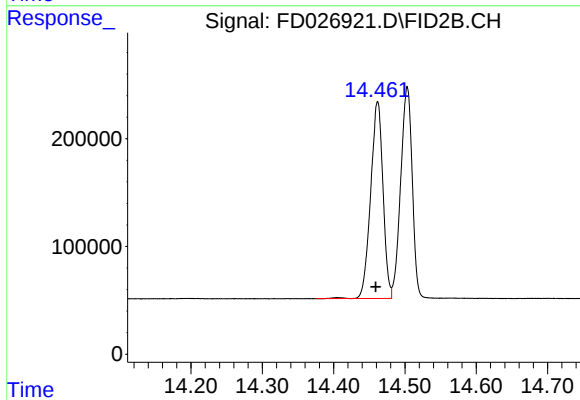
R.T.: 12.297 min
Delta R.T.: 0.000 min
Response: 2169627
Conc: 22.50 ug/ml



#13 Pyrene (C20.8)

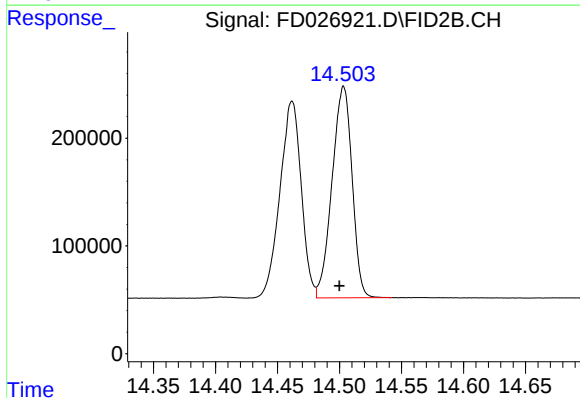
R.T.: 12.591 min
Delta R.T.: 0.000 min
Response: 2196227
Conc: 22.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



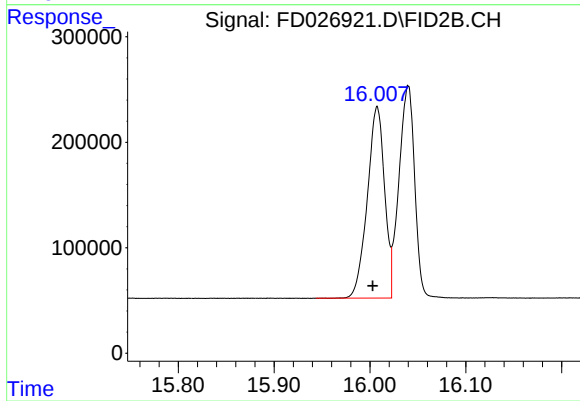
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: 0.003 min
Response: 2195797
Conc: 23.31 ug/ml



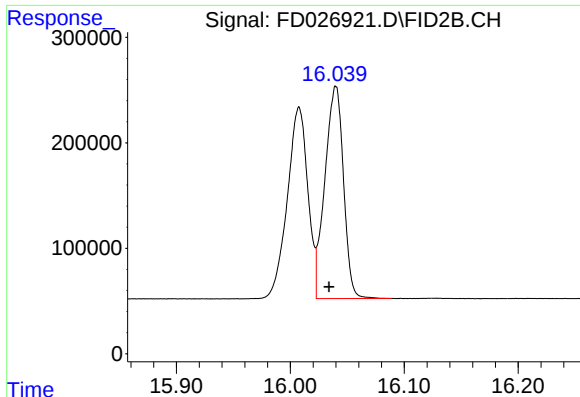
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.003 min
Response: 2203833
Conc: 23.30 ug/ml



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

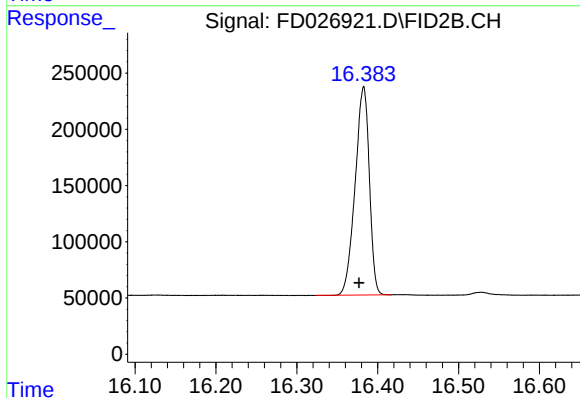
R.T.: 16.008 min
Delta R.T.: 0.005 min
Response: 2269269
Conc: 22.79 ug/ml



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

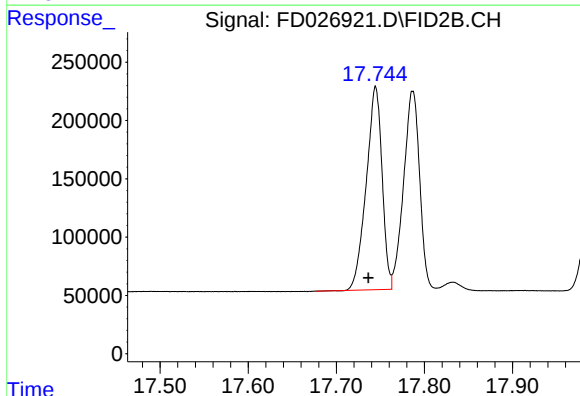
R.T.: 16.040 min
Delta R.T.: 0.006 min
Response: 2289074
Conc: 23.11 ug/ml

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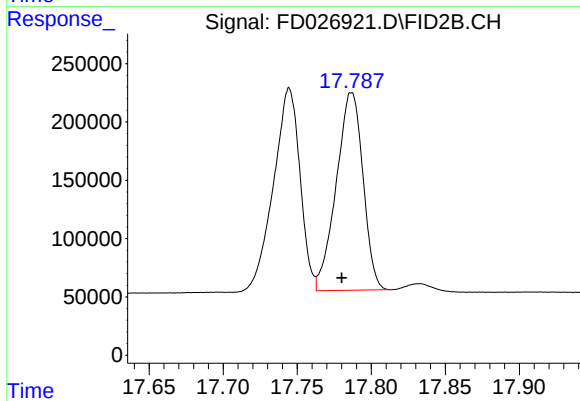
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.006 min
Response: 2255875
Conc: 22.52 ug/ml



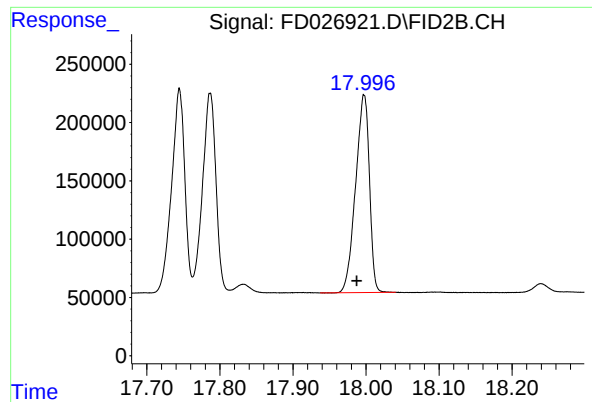
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.008 min
Response: 2172395
Conc: 20.44 ug/ml



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

R.T.: 17.787 min
Delta R.T.: 0.006 min
Response: 2129789
Conc: 21.12 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.010 min
Response: 2229535
Conc: 21.23 ug/ml

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ClientSampleId :
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