

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052121AR\
 Data File : FD037565.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2021 8:26
 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: May 22 00:02:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.555	1922616	19.116 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
6) S 2-Fluorobiphenyl (SURR)	8.415	1290056	19.087 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.17%
11) S ortho-Terphenyl (SURR)	11.454	2235041	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	2005225	19.189 ug/ml
2) T Naphthalene (C11.7)	5.893	2143579	19.209 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	2144185	19.098 ug/ml
5) T Acenaphthylene (C15.06)	8.218	2073622	18.910 ug/ml
7) T Acenaphthene (C15.5)	8.513	2160870	18.997 ug/ml
8) T Flouorene (C16.55)	9.293	2091892	18.876 ug/ml
9) T Phenanthrene (C19.36)	10.688	2098110	18.661 ug/ml
10) T Anthracene (C19.43)	10.762	1931109	17.559 ug/ml
12) T Fluoranthene (C21.85)	12.495	2125657	18.316 ug/ml
13) T Pyrene (C20.8)	12.792	2106415	18.233 ug/ml
14) T Benzo[a]anthracene (C...	14.661	1963669	17.823 ug/ml
15) T Chrysene (C27.41)	14.703	2042031	17.725 ug/ml
16) T benzo[b]fluoranthene ...	16.211	2035094	17.994 ug/ml
17) T Bnezo[k]fluoranthene ...	16.242	1983414	17.890 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.588	1851360	17.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.951	1934506	17.807 ug/ml
20) T Dibenz[a,h]anthracene...	17.990	1937921	17.702 ug/ml
21) T Benzo[g,h,i]perylene ...	18.205	1994734	18.252 ug/ml

(f)=RT Delta > 1/2 Window

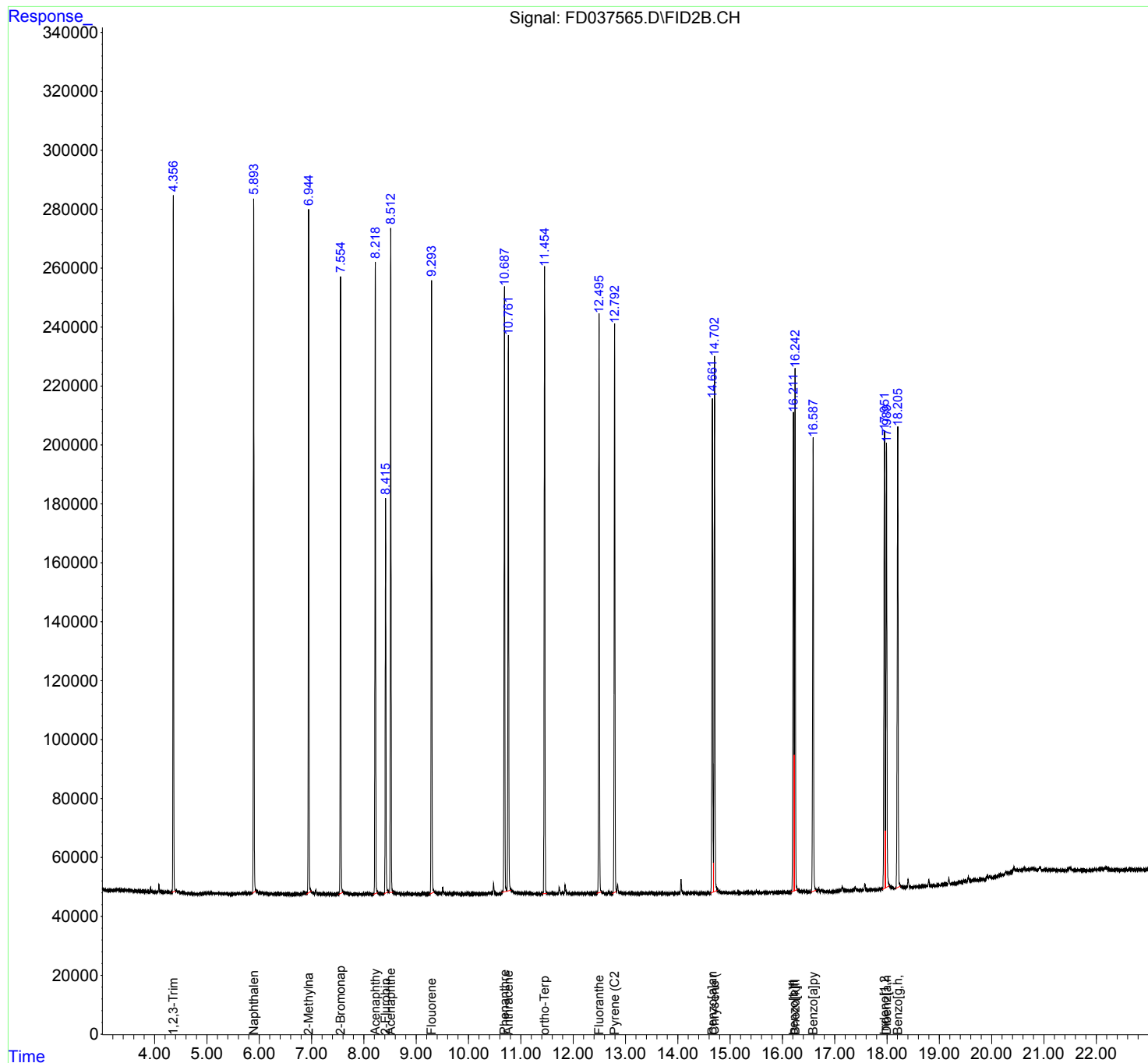
(m)=manual int.

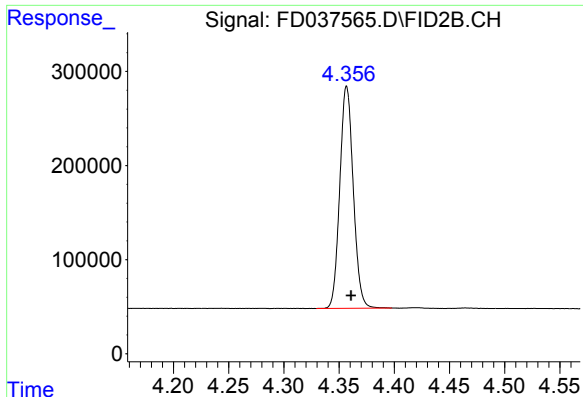
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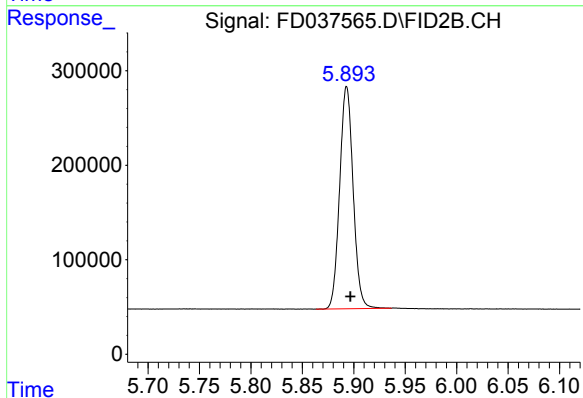




#1 1,2,3-Trimethylbenzene (C10.1)

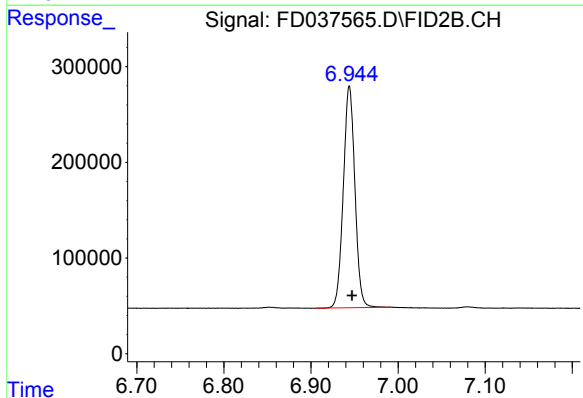
R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 2005225
Conc: 19.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



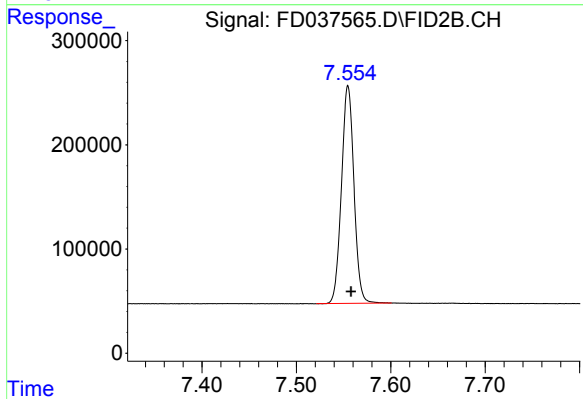
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 2143579
Conc: 19.21 ug/ml



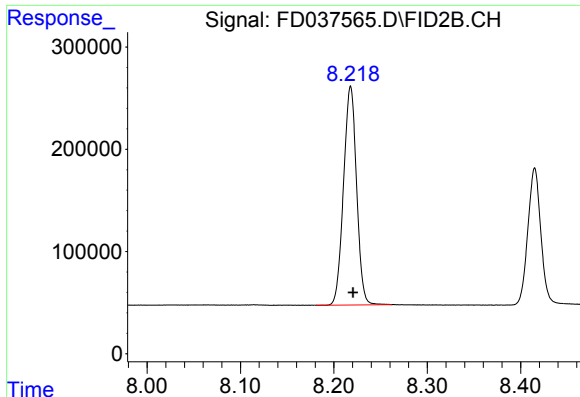
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2144185
Conc: 19.10 ug/ml



#4 2-Bromonaphthalene (SURR)

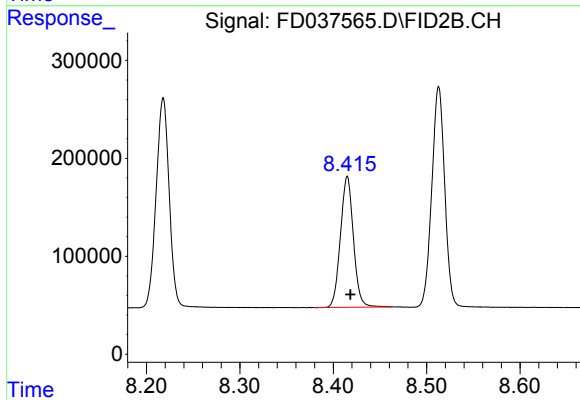
R.T.: 7.555 min
Delta R.T.: -0.003 min
Response: 1922616
Conc: 19.12 ug/ml



#5 Acenaphthylene (C15.06)

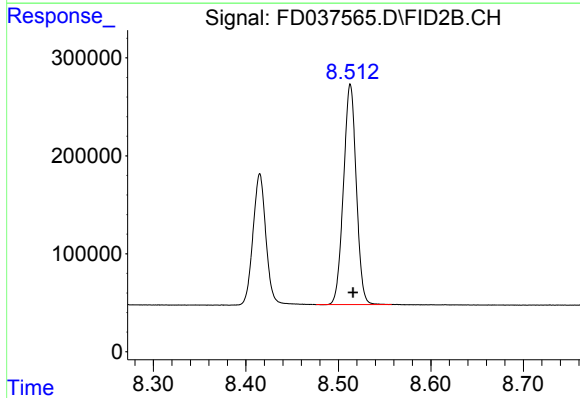
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 2073622
Conc: 18.91 ug/ml

Instrument :
FID_D
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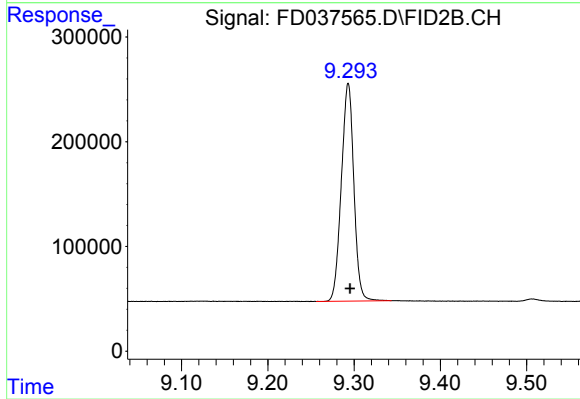
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 1290056
Conc: 19.09 ug/ml



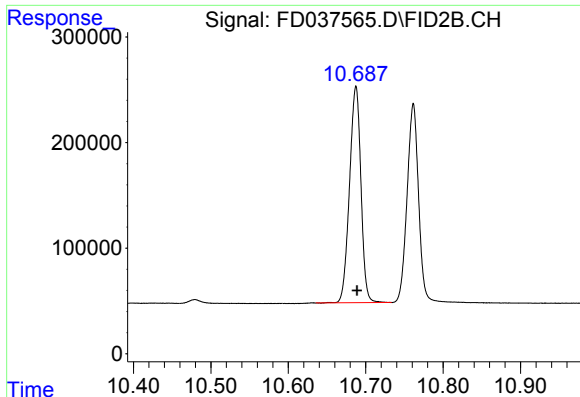
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 2160870
Conc: 19.00 ug/ml



#8 Fluorene (C16.55)

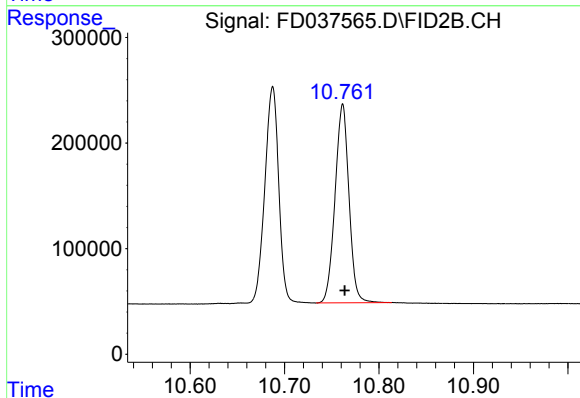
R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 2091892
Conc: 18.88 ug/ml



#9 Phenanthrene (C19.36)

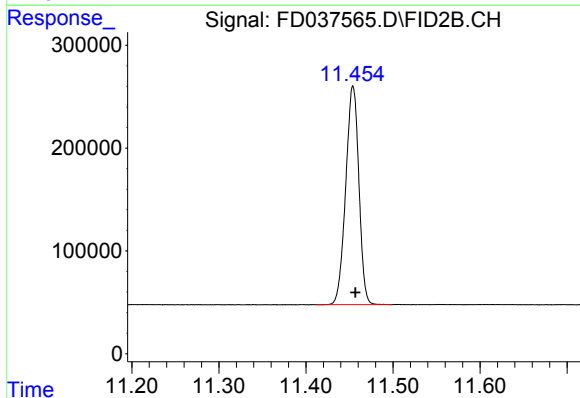
R.T.: 10.688 min
Delta R.T.: -0.001 min
Response: 2098110
Conc: 18.66 ug/ml

Instrument :
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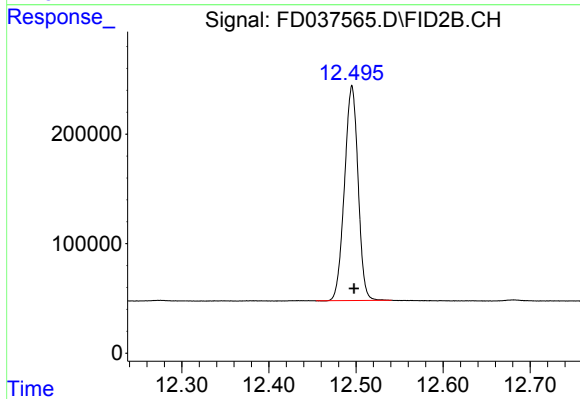
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: -0.002 min
Response: 1931109
Conc: 17.56 ug/ml



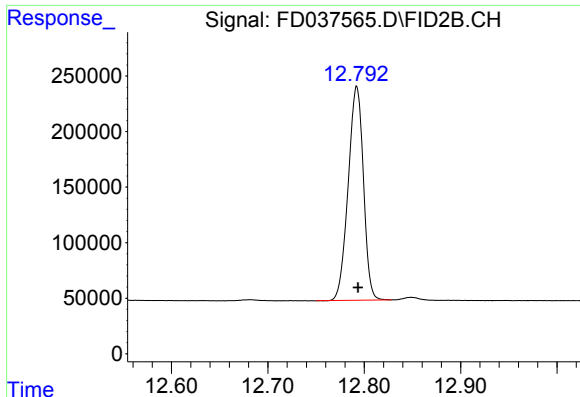
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.003 min
Response: 2235041
Conc: 18.76 ug/ml



#12 Fluoranthene (C21.85)

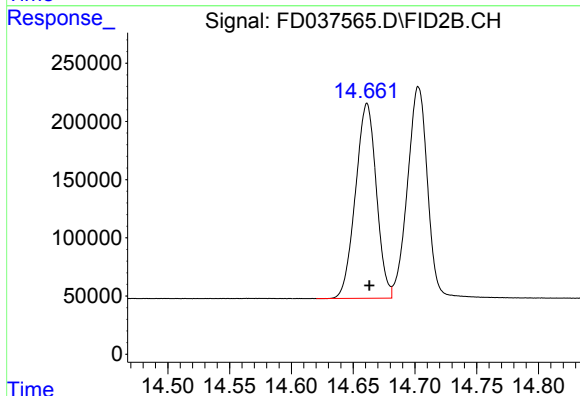
R.T.: 12.495 min
Delta R.T.: -0.002 min
Response: 2125657
Conc: 18.32 ug/ml



#13 Pyrene (C20.8)

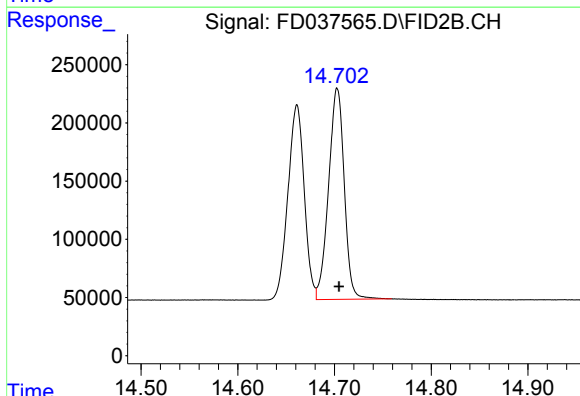
R.T.: 12.792 min
Delta R.T.: -0.002 min
Response: 2106415
Conc: 18.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



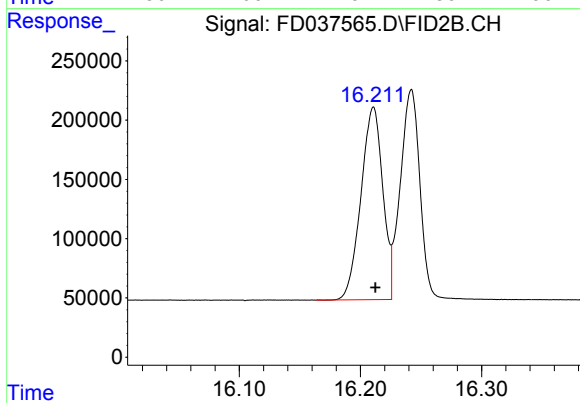
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.661 min
Delta R.T.: -0.002 min
Response: 1963669
Conc: 17.82 ug/ml



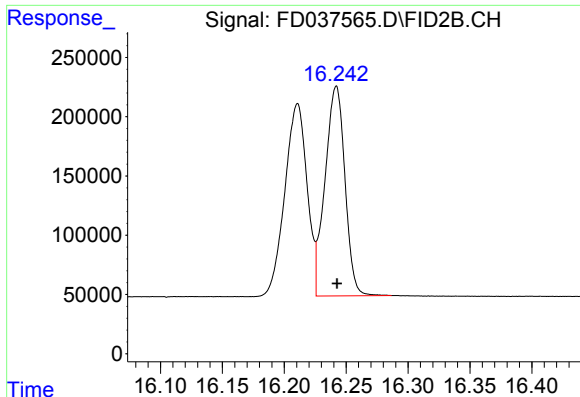
#15 Chrysene (C27.41)

R.T.: 14.703 min
Delta R.T.: -0.002 min
Response: 2042031
Conc: 17.73 ug/ml



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

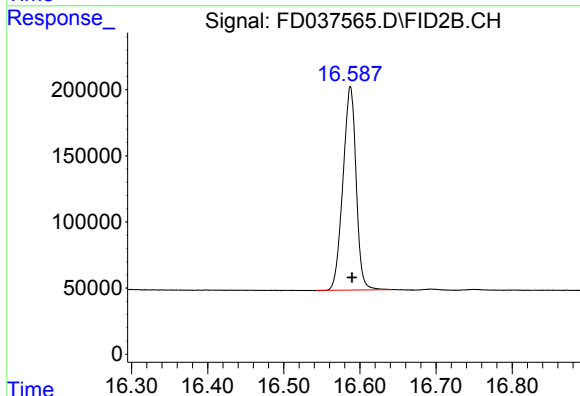
R.T.: 16.211 min
Delta R.T.: -0.002 min
Response: 2035094
Conc: 17.99 ug/ml



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

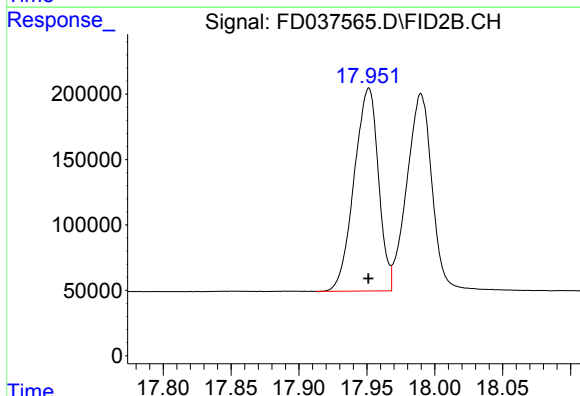
R.T.: 16.242 min
Delta R.T.: 0.000 min
Response: 1983414
Conc: 17.89 ug/ml

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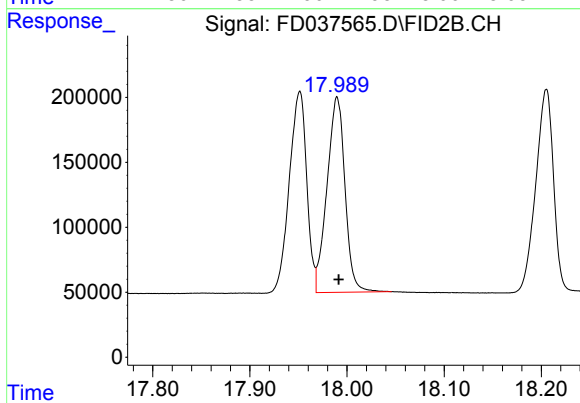
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.588 min
Delta R.T.: -0.002 min
Response: 1851360
Conc: 17.68 ug/ml



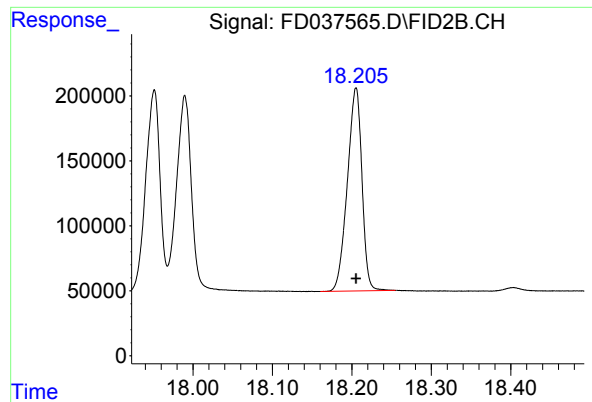
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.951 min
Delta R.T.: 0.000 min
Response: 1934506
Conc: 17.81 ug/ml



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

R.T.: 17.990 min
Delta R.T.: -0.002 min
Response: 1937921
Conc: 17.70 ug/ml



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

R.T.: 18.205 min
Delta R.T.: 0.000 min
Response: 1994734
Conc: 18.25 ug/ml

Instrument :
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ClientSampleId :
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