

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051421AR\
 Data File : FD037508.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 14:19
 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 15 00:25:17 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...	7.558	1883483	18.727 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
6) S 2-Fluorobiphenyl (SURR)	8.417	1278108	18.911 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.82%
11) S ortho-Terphenyl (SURR)	11.457	2234610	18.759 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	1935863	18.526 ug/ml
2) T Naphthalene (C11.7)	5.896	2084836	18.682 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	2100985	18.713 ug/ml
5) T Acenaphthylene (C15.06)	8.220	2071560	18.891 ug/ml
7) T Acenaphthene (C15.5)	8.515	2133887	18.760 ug/ml
8) T Flouorene (C16.55)	9.295	2093079	18.887 ug/ml
9) T Phenanthrene (C19.36)	10.690	2137479	19.011 ug/ml
10) T Anthracene (C19.43)	10.764	2080242	18.915 ug/ml
12) T Fluoranthene (C21.85)	12.499	2186923	18.844 ug/ml
13) T Pyrene (C20.8)	12.795	2162244	18.716 ug/ml
14) T Benzo[a]anthracene (C...	14.664	2075173	18.835 ug/ml
15) T Chrysene (C27.41)	14.706	2176314	18.891 ug/ml
16) T benzo[b]fluoranthene ...	16.214	2128184	18.817 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	2116292	19.088 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.591	2003652	19.129 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.956	2024799	18.638 ug/ml
20) T Dibenz[a,h]anthracene...	17.995	2128287	19.441 ug/ml
21) T Benzo[g,h,i]perylene ...	18.209	2060060	18.850 ug/ml

(f)=RT Delta > 1/2 Window

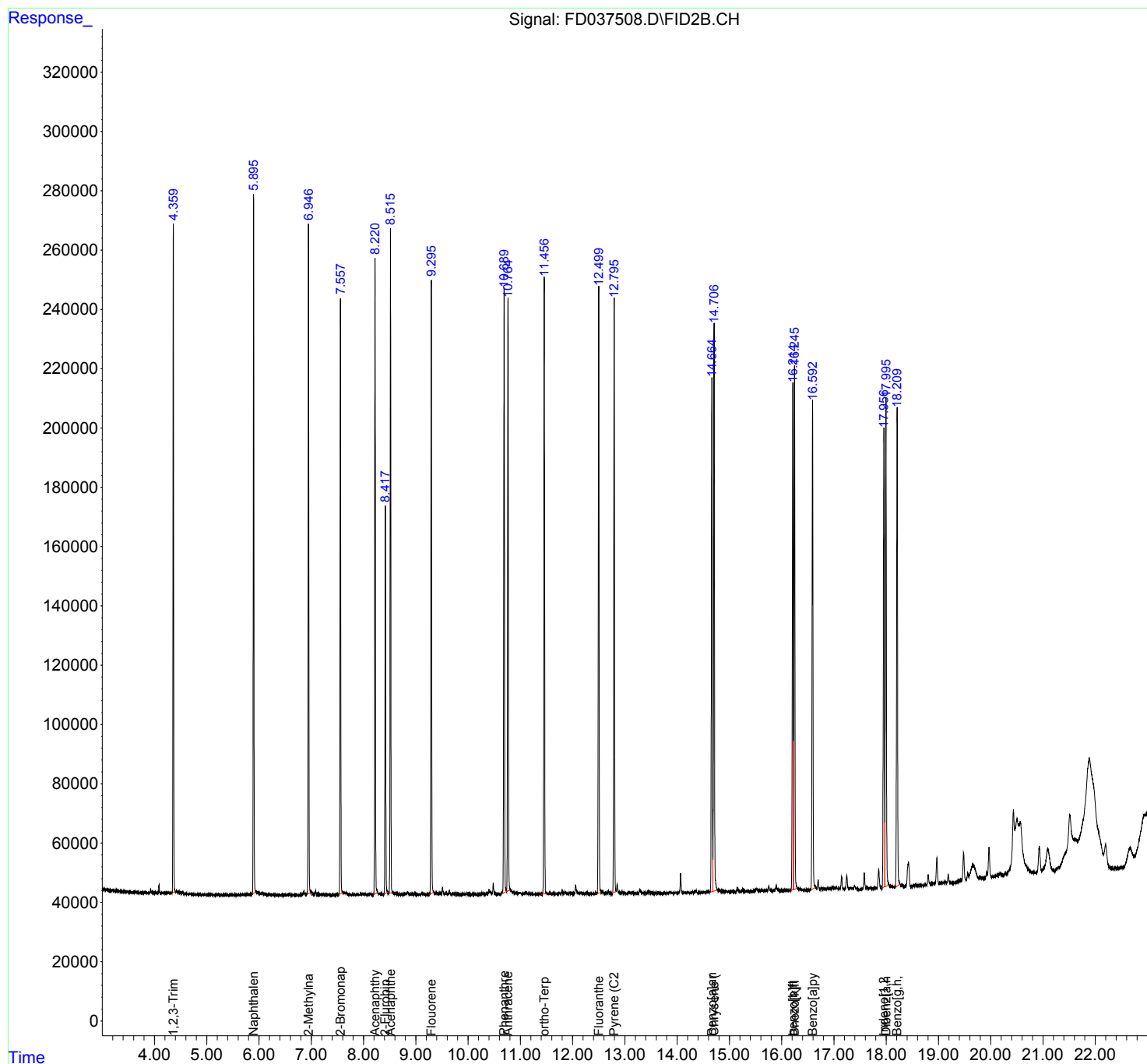
(m)=manual int.

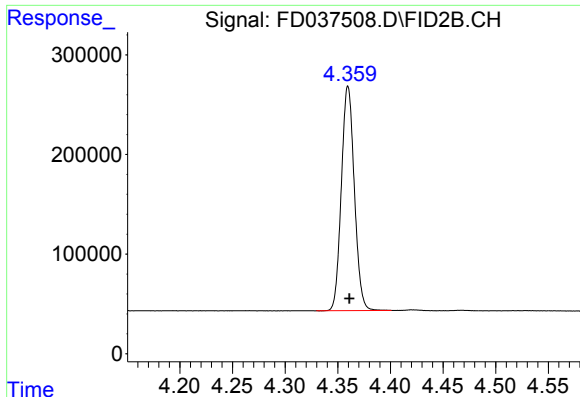
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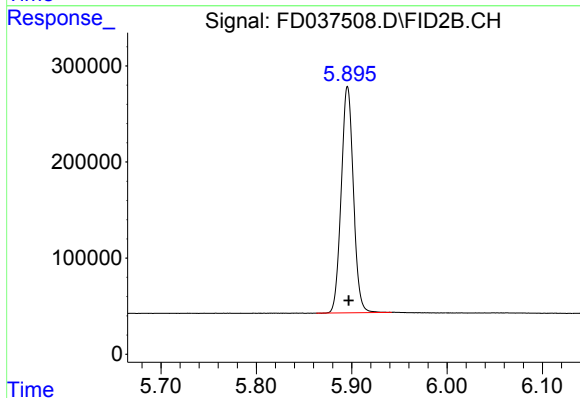




#1 1,2,3-Trimethylbenzene (C10.1)

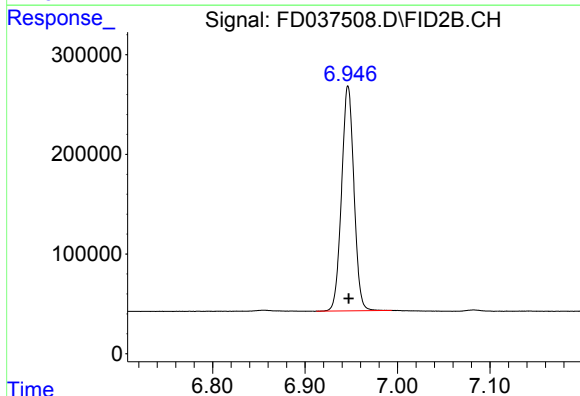
R.T.: 4.360 min
Delta R.T.: -0.001 min
Response: 1935863
Conc: 18.53 ug/ml

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20 PPM AROMATIC HC STD



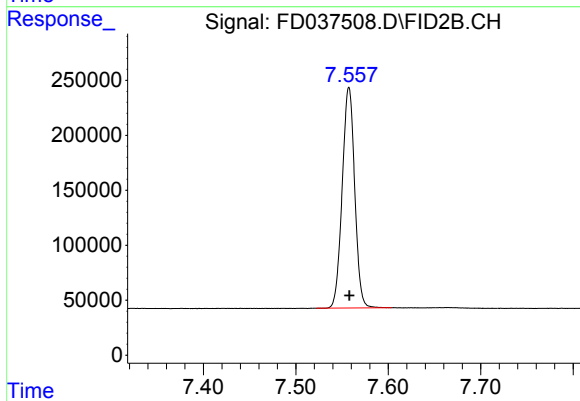
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 2084836
Conc: 18.68 ug/ml



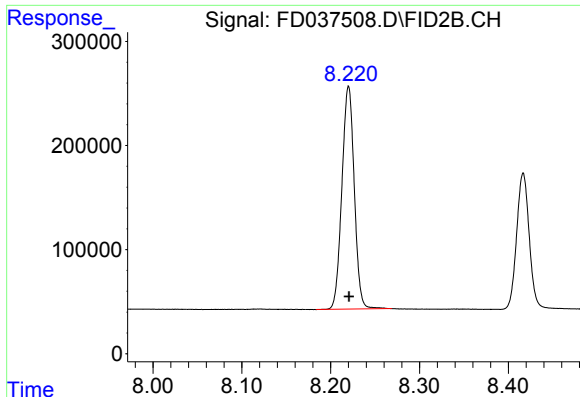
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2100985
Conc: 18.71 ug/ml



#4 2-Bromonaphthalene (SURR)

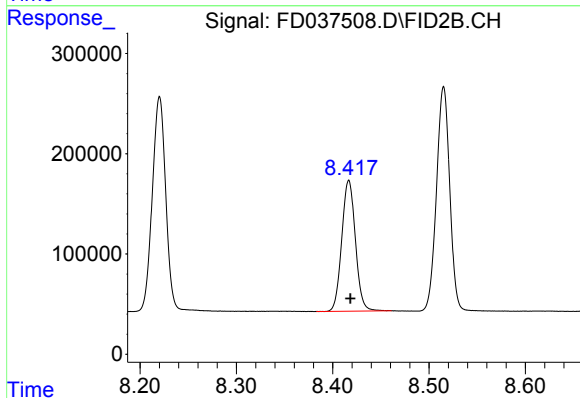
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1883483
Conc: 18.73 ug/ml



#5 Acenaphthylene (C15.06)

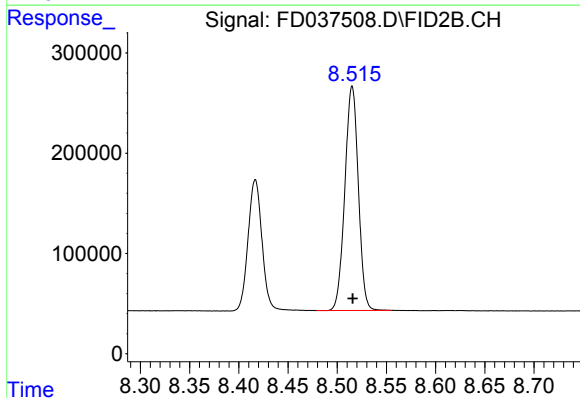
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 2071560
Conc: 18.89 ug/ml

Instrument :
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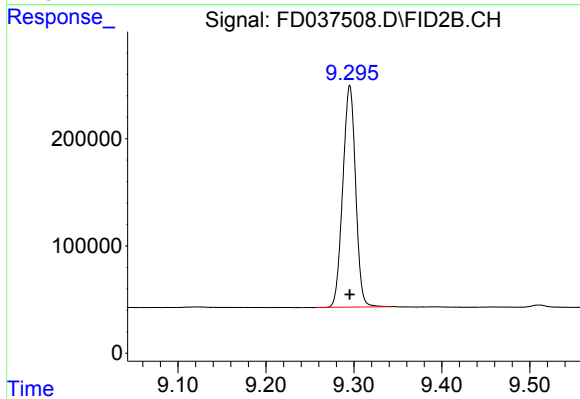
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: -0.001 min
Response: 1278108
Conc: 18.91 ug/ml



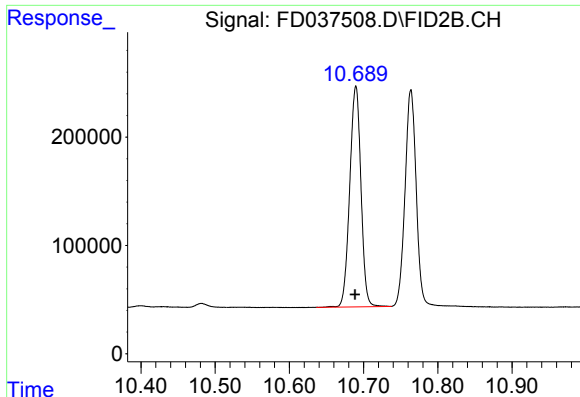
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 2133887
Conc: 18.76 ug/ml



#8 Fluorene (C16.55)

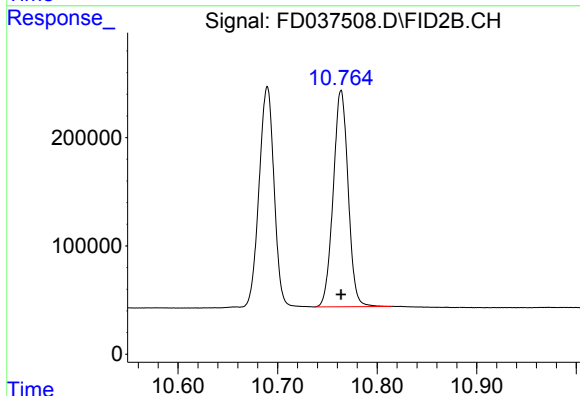
R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 2093079
Conc: 18.89 ug/ml



#9 Phenanthrene (C19.36)

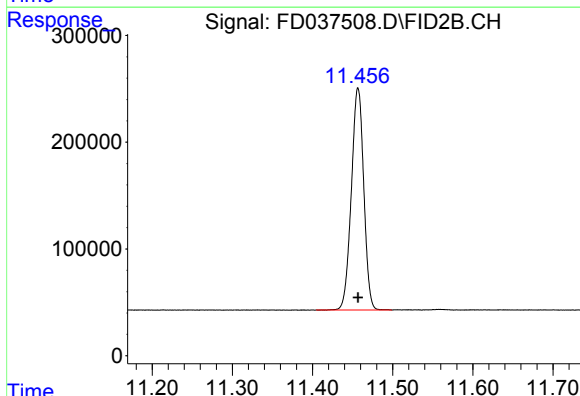
R.T.: 10.690 min
Delta R.T.: 0.001 min
Response: 2137479
Conc: 19.01 ug/ml

Instrument :
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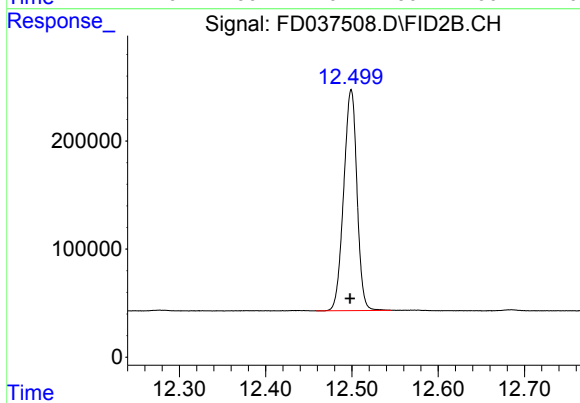
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: 0.000 min
Response: 2080242
Conc: 18.91 ug/ml



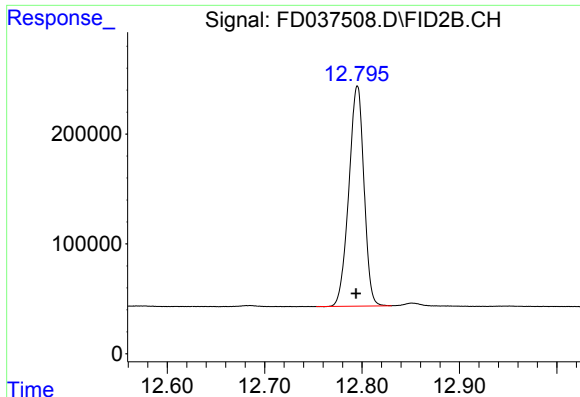
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.000 min
Response: 2234610
Conc: 18.76 ug/ml



#12 Fluoranthene (C21.85)

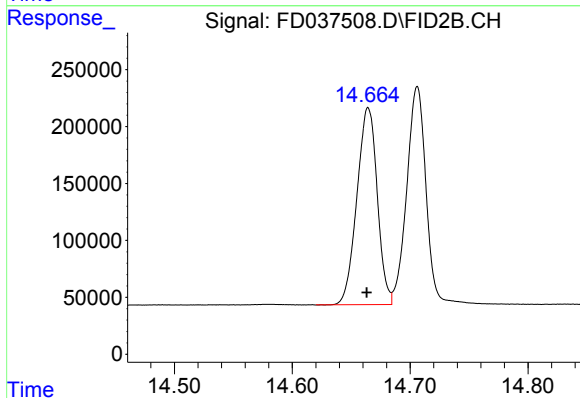
R.T.: 12.499 min
Delta R.T.: 0.002 min
Response: 2186923
Conc: 18.84 ug/ml



#13 Pyrene (C20.8)

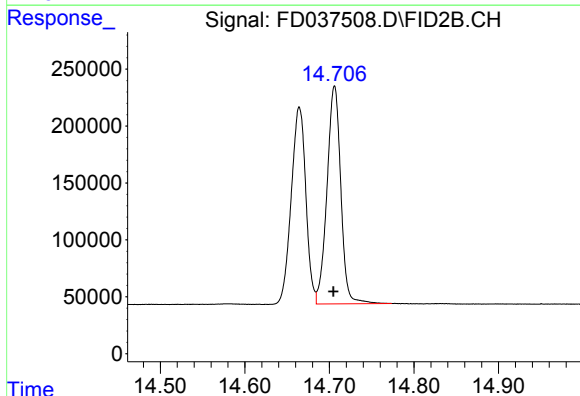
R.T.: 12.795 min
Delta R.T.: 0.001 min
Response: 2162244
Conc: 18.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



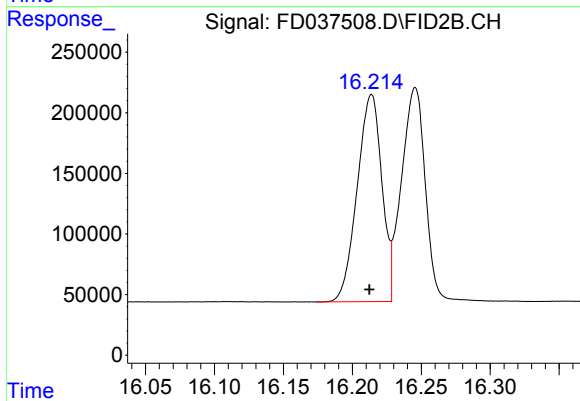
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.664 min
Delta R.T.: 0.001 min
Response: 2075173
Conc: 18.84 ug/ml



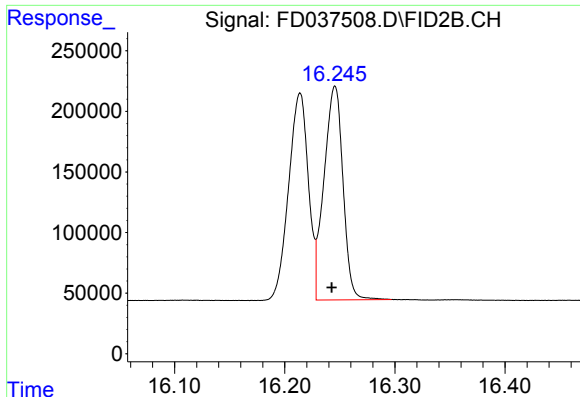
#15 Chrysene (C27.41)

R.T.: 14.706 min
Delta R.T.: 0.001 min
Response: 2176314
Conc: 18.89 ug/ml



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

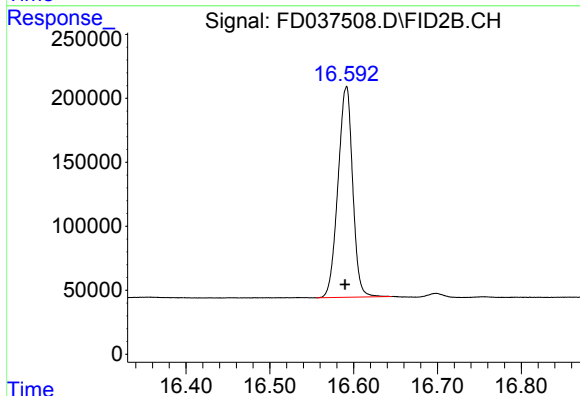
R.T.: 16.214 min
Delta R.T.: 0.002 min
Response: 2128184
Conc: 18.82 ug/ml



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

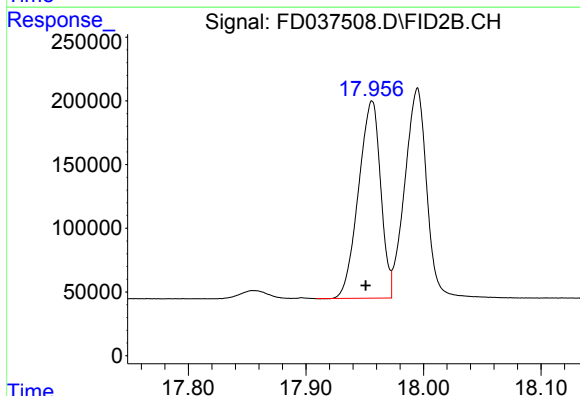
R.T.: 16.246 min
Delta R.T.: 0.003 min
Response: 2116292
Conc: 19.09 ug/ml

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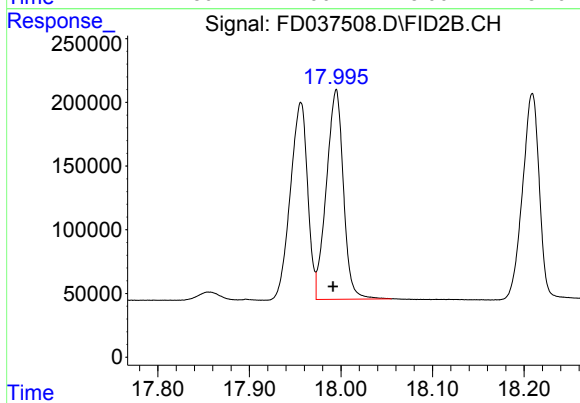
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.591 min
Delta R.T.: 0.002 min
Response: 2003652
Conc: 19.13 ug/ml



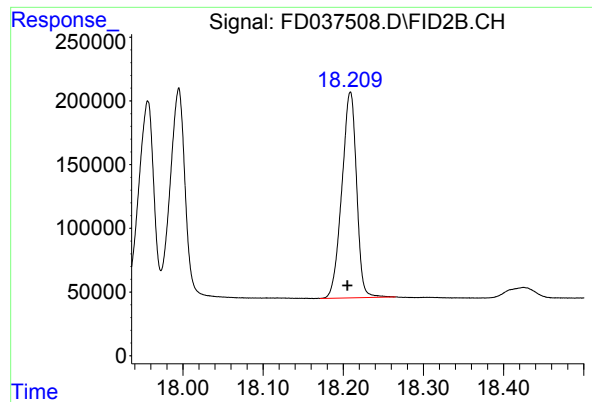
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.956 min
Delta R.T.: 0.005 min
Response: 2024799
Conc: 18.64 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.003 min
Response: 2128287
Conc: 19.44 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.004 min
Response: 2060060
Conc: 18.85 ug/ml

Instrument :
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