

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052421AR\
 Data File : FD037580.D
 Signal(s) : FID2B.CH
 Acq On : 24 May 2021 13:22
 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 25 01:57:47 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...	7.556	1991274	19.798 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
6) S 2-Fluorobiphenyl (SURR)	8.417	1339850	19.824 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.65%
11) S ortho-Terphenyl (SURR)	11.456	2327564	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	2073356	19.841 ug/ml
2) T Naphthalene (C11.7)	5.894	2210068	19.804 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	2217909	19.755 ug/ml
5) T Acenaphthylene (C15.06)	8.220	2151857	19.623 ug/ml
7) T Acenaphthene (C15.5)	8.515	2253743	19.814 ug/ml
8) T Fluorene (C16.55)	9.295	2167260	19.556 ug/ml
9) T Phenanthrene (C19.36)	10.691	2200510	19.572 ug/ml
10) T Anthracene (C19.43)	10.764	1974783	17.956 ug/ml
12) T Fluoranthene (C21.85)	12.501	2233135	19.242 ug/ml
13) T Pyrene (C20.8)	12.797	2216229	19.183 ug/ml
14) T Benzo[a]anthracene (C...	14.667	2036884	18.488 ug/ml
15) T Chrysene (C27.41)	14.710	2139309	18.570 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2153647	19.042 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	2084124	18.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.595	1961891	18.731 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.961	2049156	18.862 ug/ml
20) T Dibenz[a,h]anthracene...	17.999	2049641	18.723 ug/ml
21) T Benzo[g,h,i]perylene ...	18.215	2123437	19.430 ug/ml

(f)=RT Delta > 1/2 Window

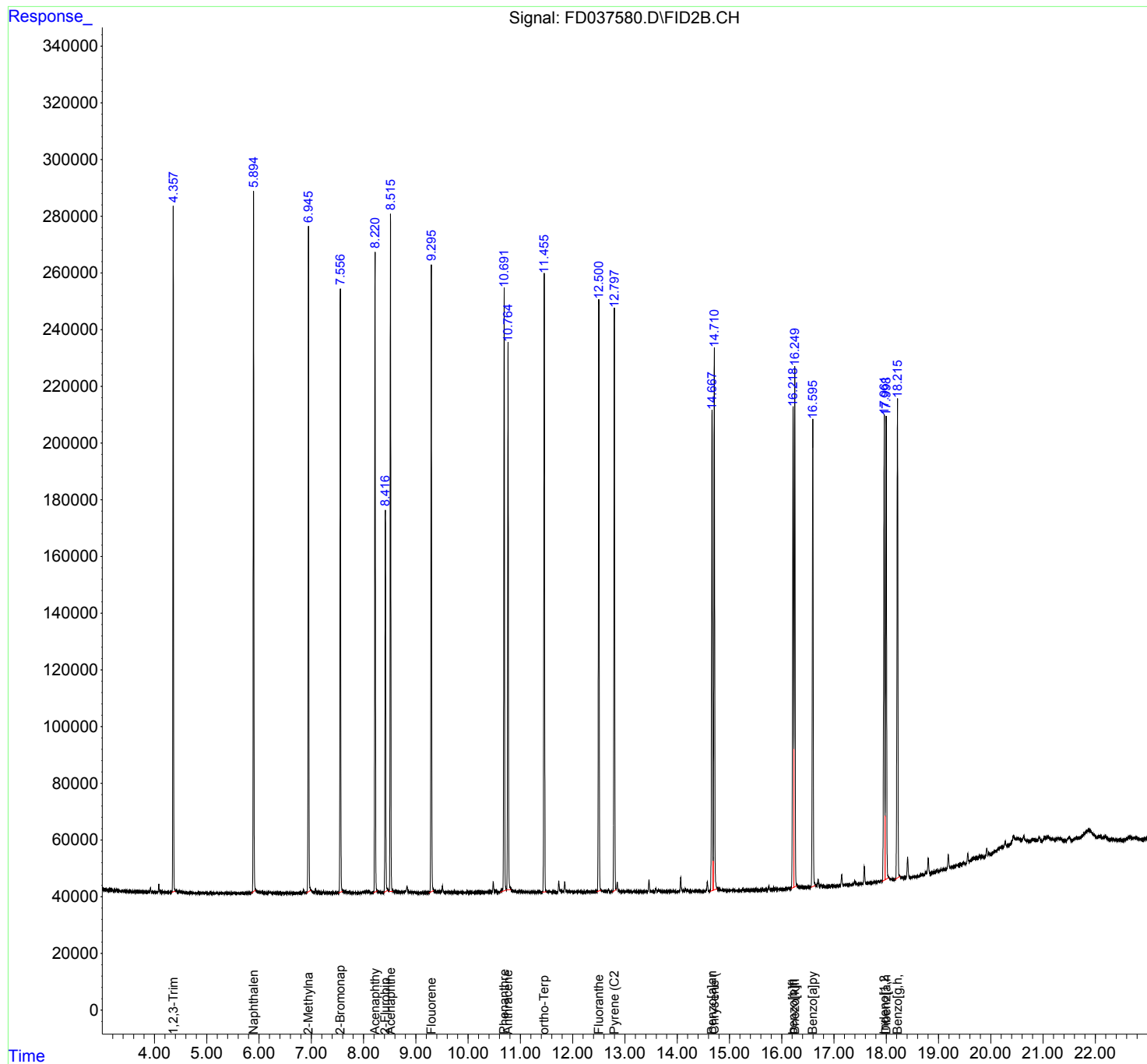
(m)=manual int.

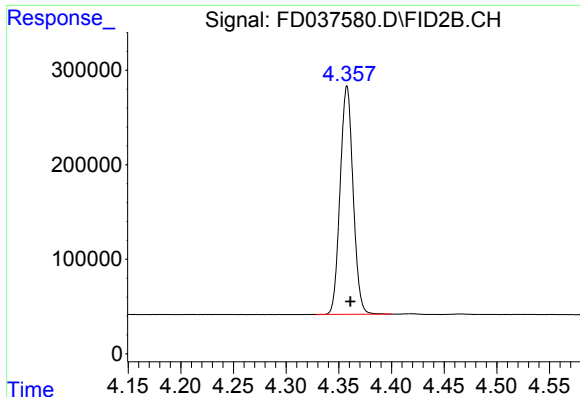
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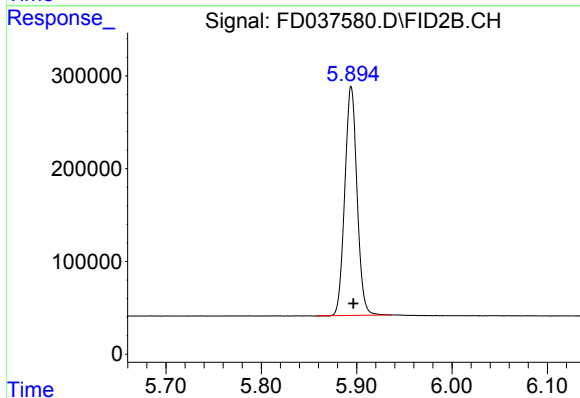




#1 1,2,3-Trimethylbenzene (C10.1)

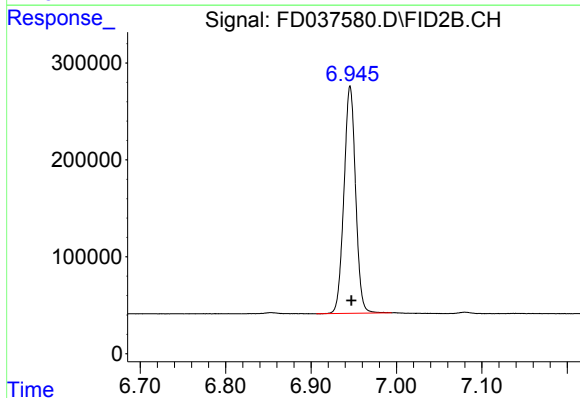
R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2073356
Conc: 19.84 ug/ml

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20 PPM AROMATIC HC STD



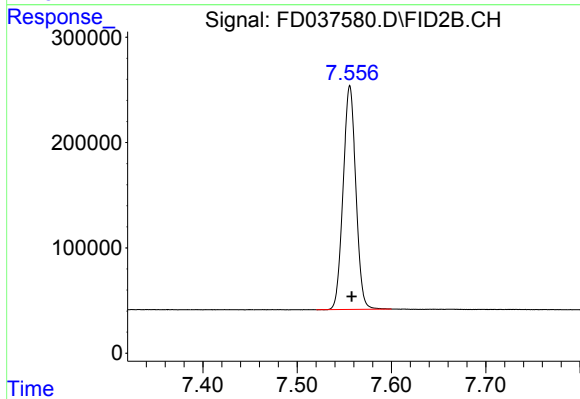
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 2210068
Conc: 19.80 ug/ml



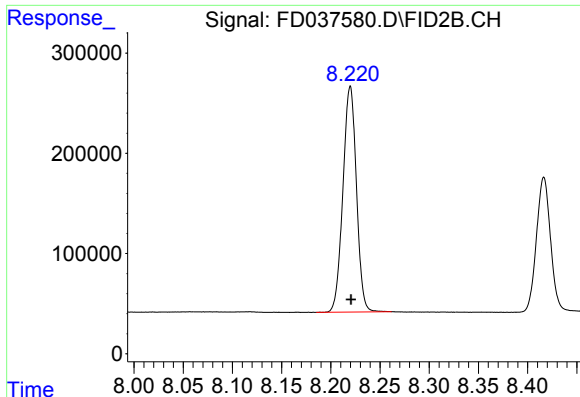
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 2217909
Conc: 19.75 ug/ml



#4 2-Bromonaphthalene (SURR)

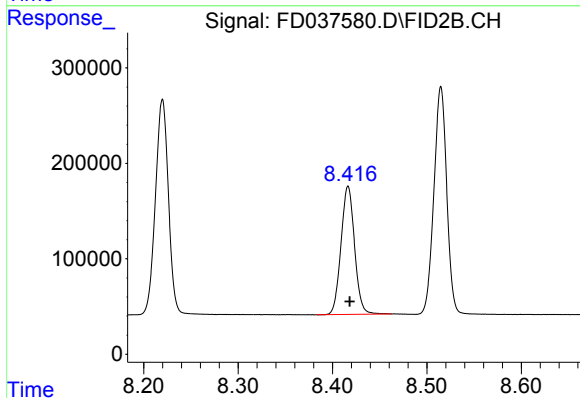
R.T.: 7.556 min
Delta R.T.: -0.002 min
Response: 1991274
Conc: 19.80 ug/ml



#5 Acenaphthylene (C15.06)

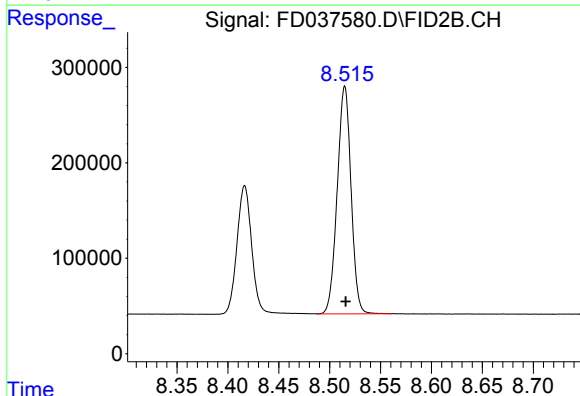
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 2151857
Conc: 19.62 ug/ml

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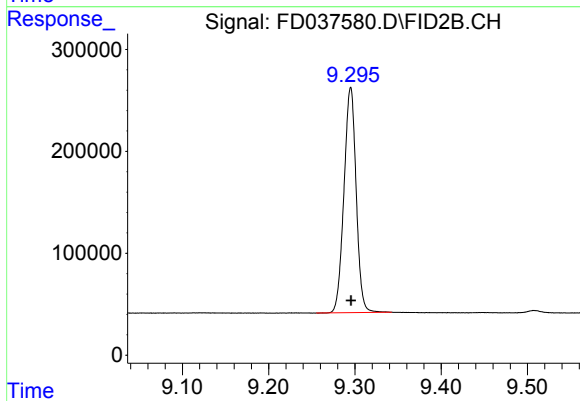
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: -0.002 min
Response: 1339850
Conc: 19.82 ug/ml



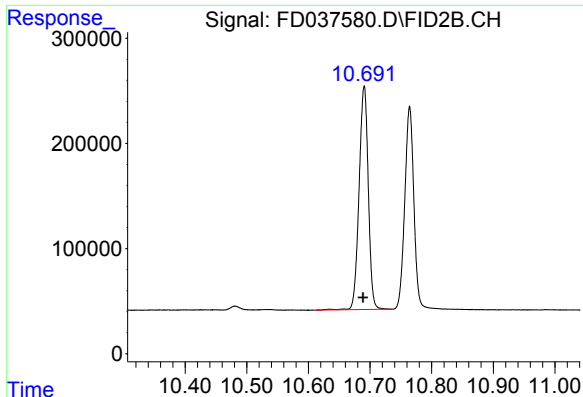
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 2253743
Conc: 19.81 ug/ml



#8 Fluorene (C16.55)

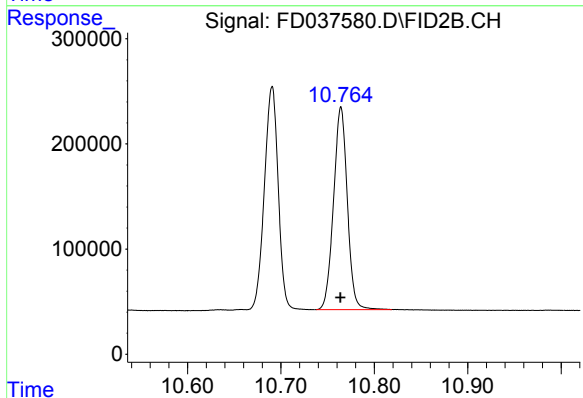
R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 2167260
Conc: 19.56 ug/ml



#9 Phenanthrene (C19.36)

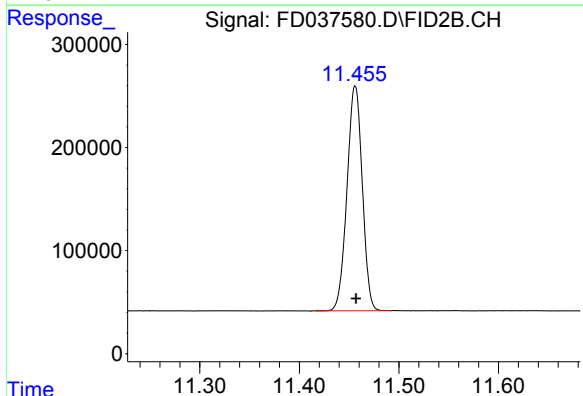
R.T.: 10.691 min
Delta R.T.: 0.002 min
Response: 2200510
Conc: 19.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



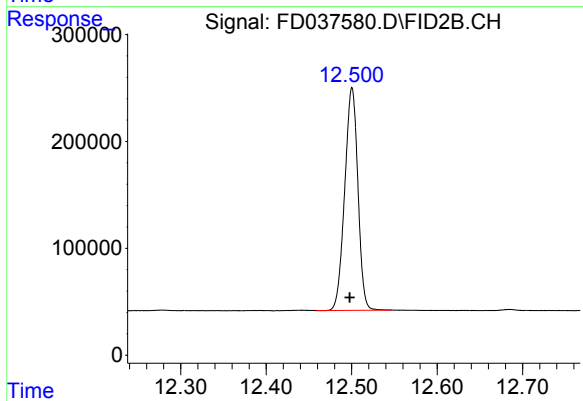
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: 0.000 min
Response: 1974783
Conc: 17.96 ug/ml



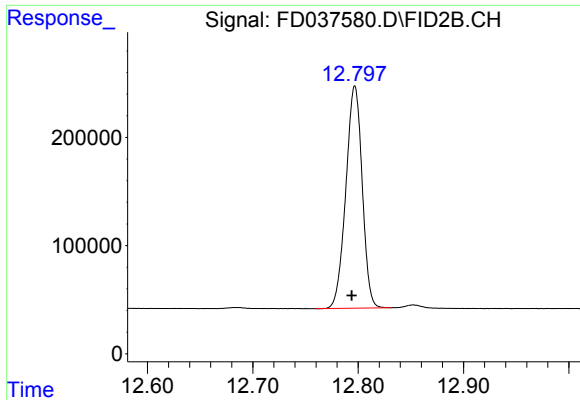
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2327564
Conc: 19.54 ug/ml



#12 Fluoranthene (C21.85)

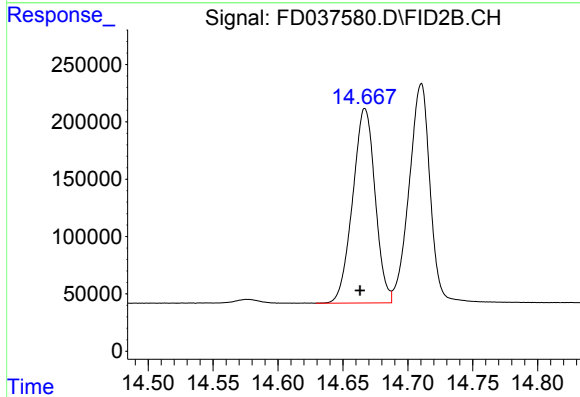
R.T.: 12.501 min
Delta R.T.: 0.003 min
Response: 2233135
Conc: 19.24 ug/ml



#13 Pyrene (C20.8)

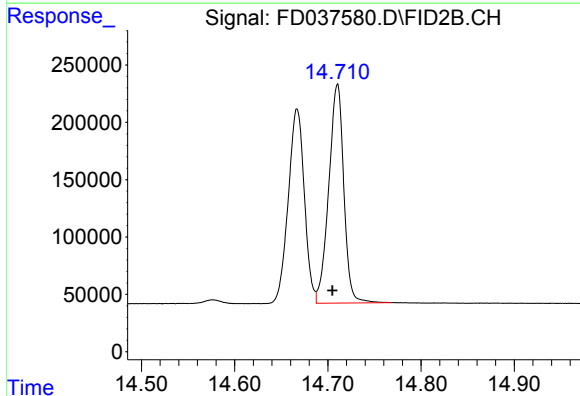
R.T.: 12.797 min
Delta R.T.: 0.003 min
Response: 2216229
Conc: 19.18 ug/ml

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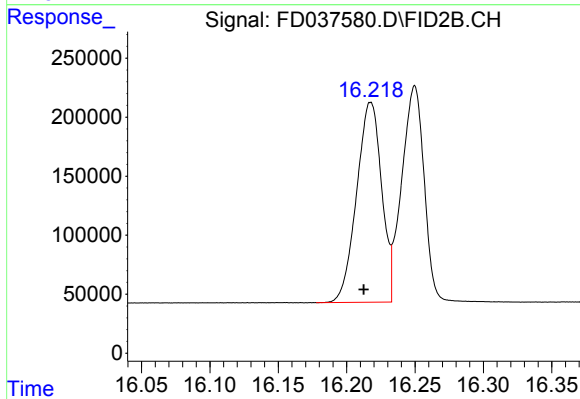
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.667 min
Delta R.T.: 0.004 min
Response: 2036884
Conc: 18.49 ug/ml



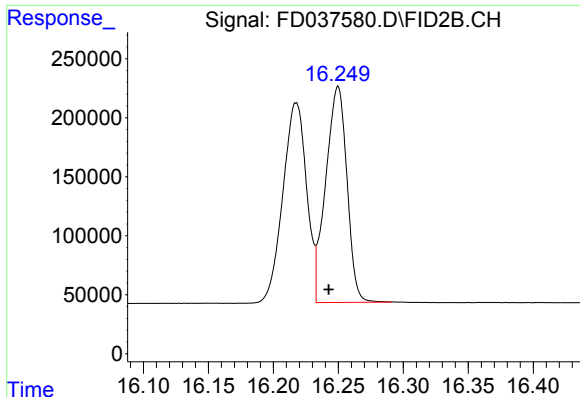
#15 Chrysene (C27.41)

R.T.: 14.710 min
Delta R.T.: 0.006 min
Response: 2139309
Conc: 18.57 ug/ml



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

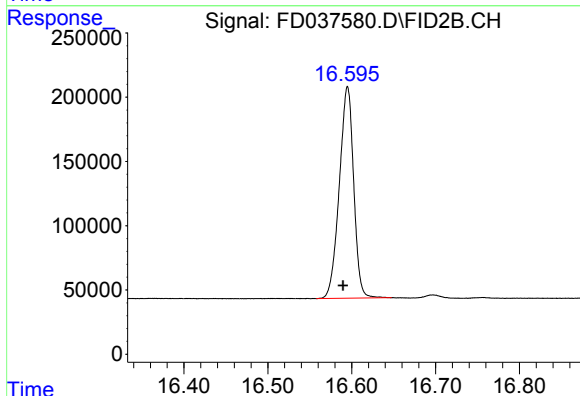
R.T.: 16.218 min
Delta R.T.: 0.005 min
Response: 2153647
Conc: 19.04 ug/ml



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

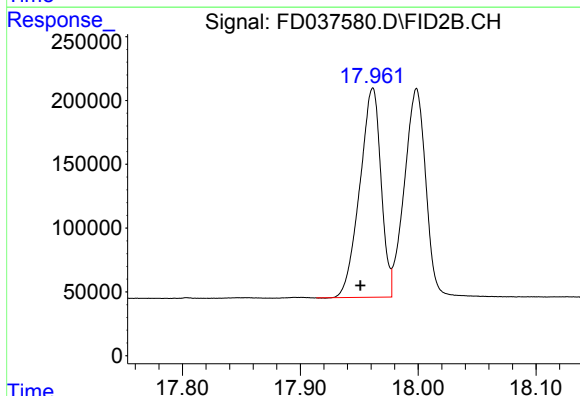
R.T.: 16.250 min
Delta R.T.: 0.007 min
Response: 2084124
Conc: 18.80 ug/ml

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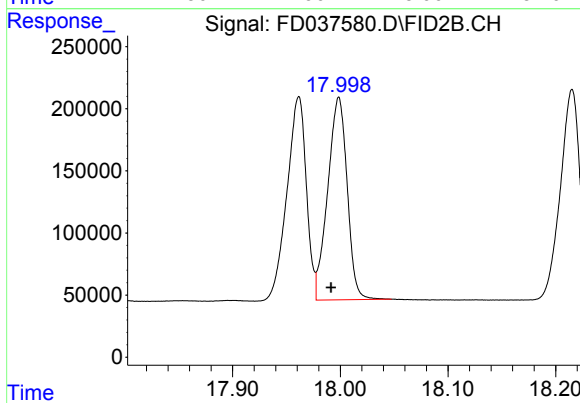
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.595 min
Delta R.T.: 0.005 min
Response: 1961891
Conc: 18.73 ug/ml



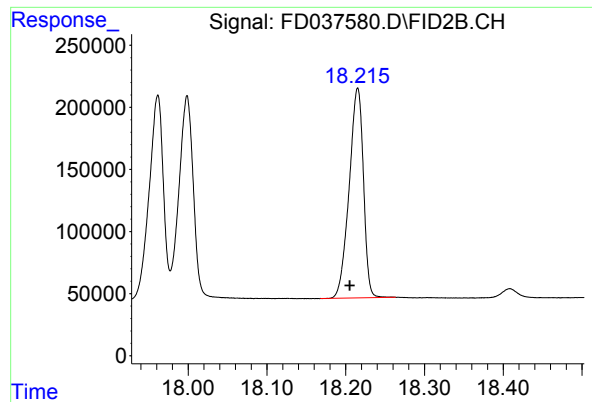
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.961 min
Delta R.T.: 0.010 min
Response: 2049156
Conc: 18.86 ug/ml



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

R.T.: 17.999 min
Delta R.T.: 0.007 min
Response: 2049641
Conc: 18.72 ug/ml



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

R.T.: 18.215 min
Delta R.T.: 0.010 min
Response: 2123437
Conc: 19.43 ug/ml

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