

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052121AR\
 Data File : FD037577.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2021 21:23
 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 00:05:01 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...	7.554	1966202	19.549 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
6) S 2-Fluorobiphenyl (SURR)	8.415	1315547	19.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.93%
11) S ortho-Terphenyl (SURR)	11.455	2277001	19.115 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	2047761	19.596 ug/ml
2) T Naphthalene (C11.7)	5.893	2186577	19.594 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	2196103	19.561 ug/ml
5) T Acenaphthylene (C15.06)	8.218	2125071	19.379 ug/ml
7) T Acenaphthene (C15.5)	8.513	2210493	19.433 ug/ml
8) T Flouorene (C16.55)	9.294	2147873	19.381 ug/ml
9) T Phenanthrene (C19.36)	10.688	2159231	19.204 ug/ml
10) T Anthracene (C19.43)	10.763	1977815	17.983 ug/ml
12) T Fluoranthene (C21.85)	12.500	2178940	18.775 ug/ml
13) T Pyrene (C20.8)	12.796	2157586	18.676 ug/ml
14) T Benzo[a]anthracene (C...	14.667	2031007	18.434 ug/ml
15) T Chrysene (C27.41)	14.709	2115147	18.360 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2102414	18.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	2046168	18.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.595	1917277	18.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.961	2020964	18.603 ug/ml
20) T Dibenz[a,h]anthracene...	17.999	2064851	18.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.215	2054259	18.797 ug/ml

(f)=RT Delta > 1/2 Window

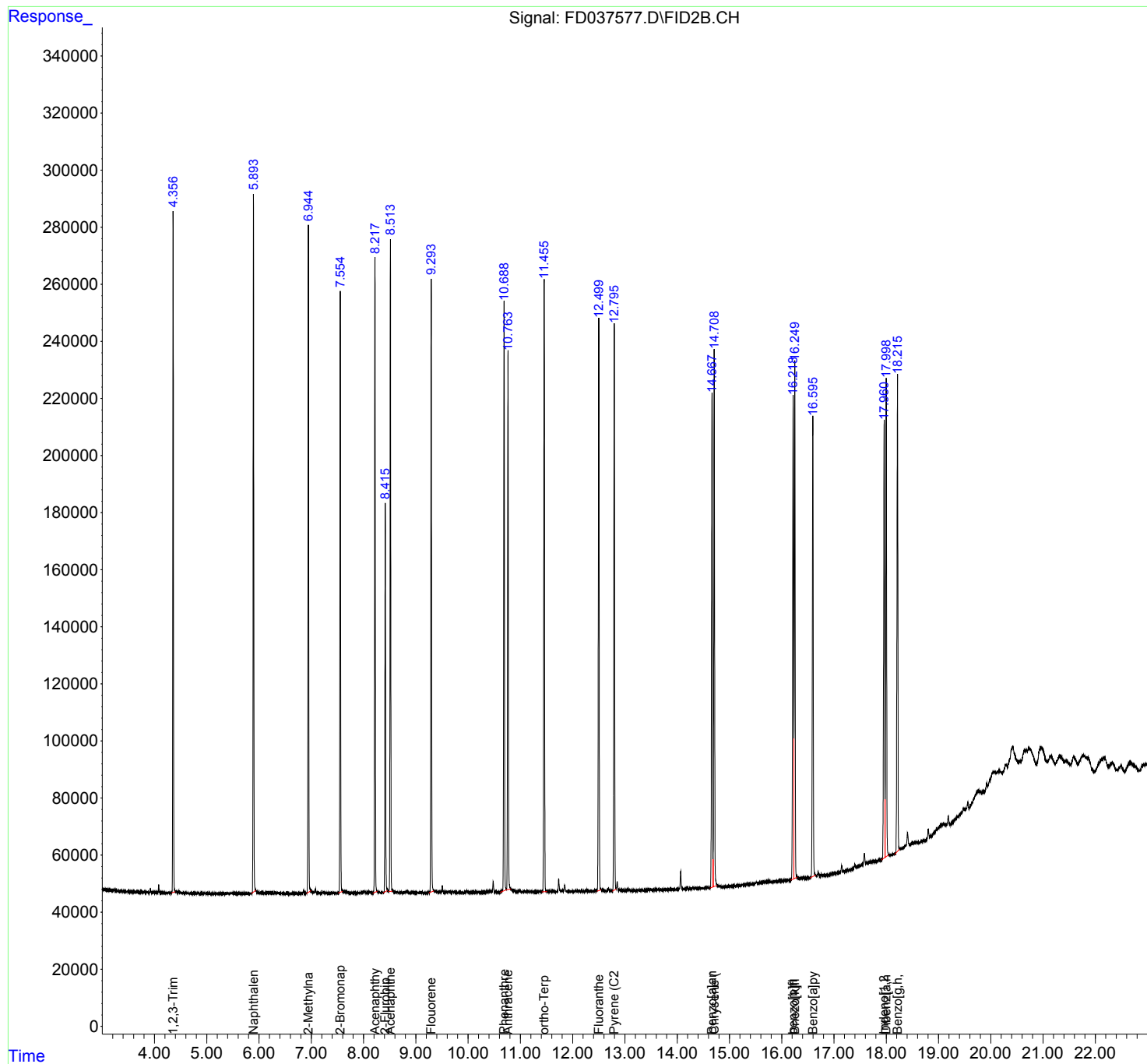
(m)=manual int.

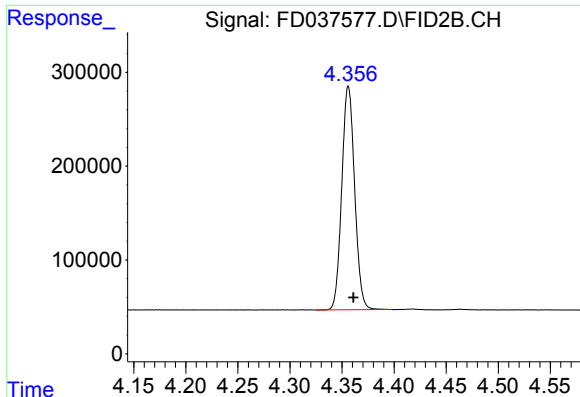
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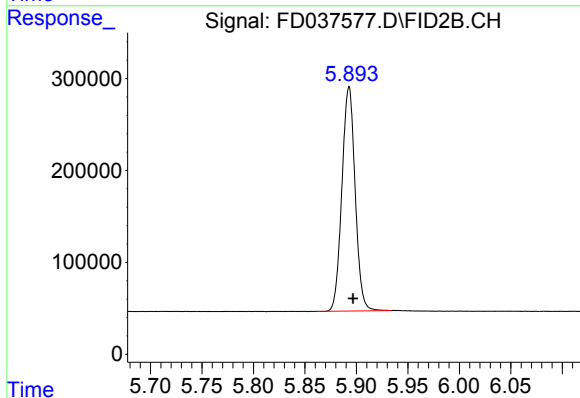




#1 1,2,3-Trimethylbenzene (C10.1)

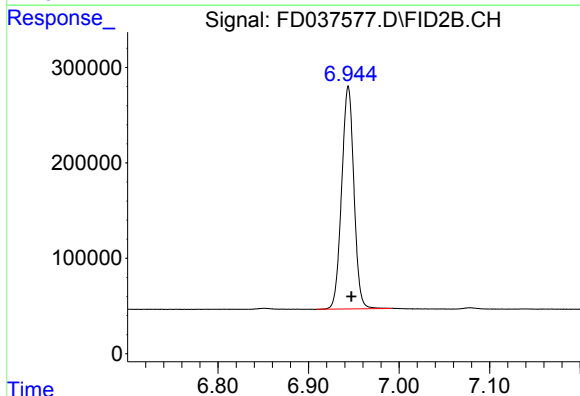
R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 2047761
Conc: 19.60 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



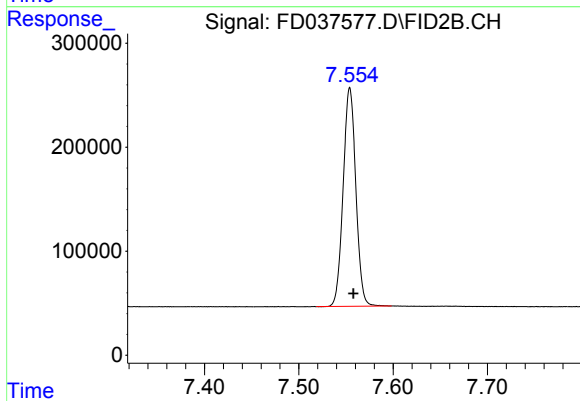
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 2186577
Conc: 19.59 ug/ml



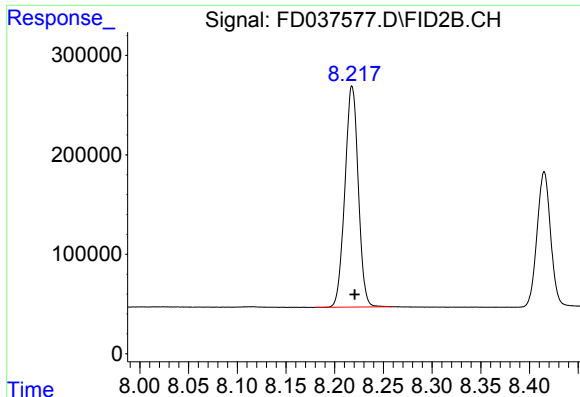
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2196103
Conc: 19.56 ug/ml



#4 2-Bromonaphthalene (SURR)

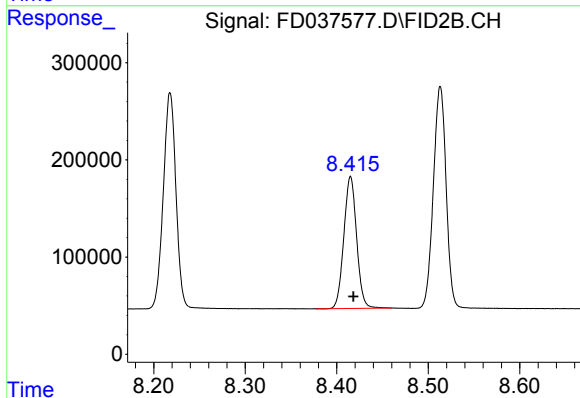
R.T.: 7.554 min
Delta R.T.: -0.004 min
Response: 1966202
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

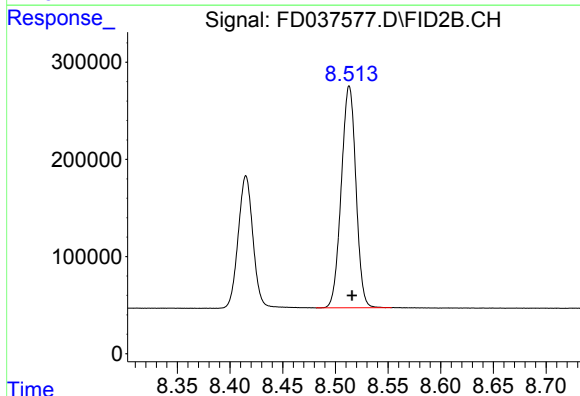
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 2125071
Conc: 19.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



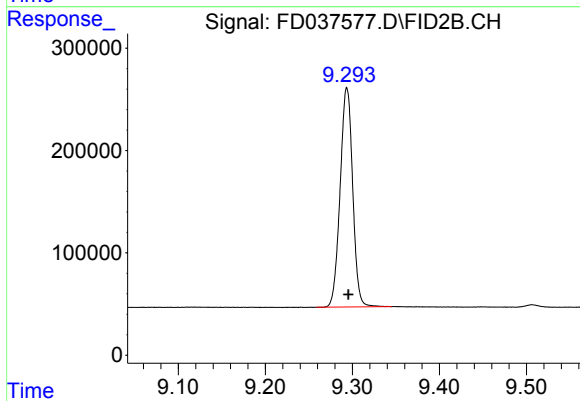
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 1315547
Conc: 19.46 ug/ml



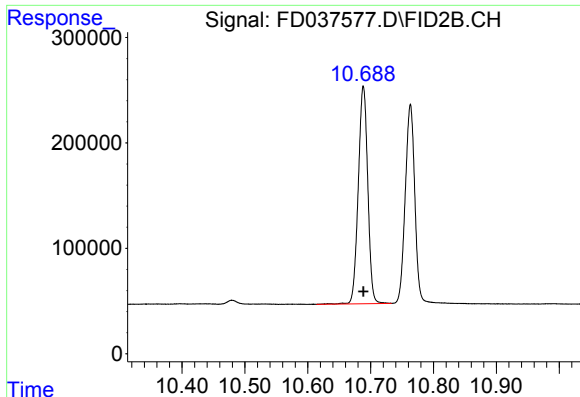
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 2210493
Conc: 19.43 ug/ml



#8 Fluorene (C16.55)

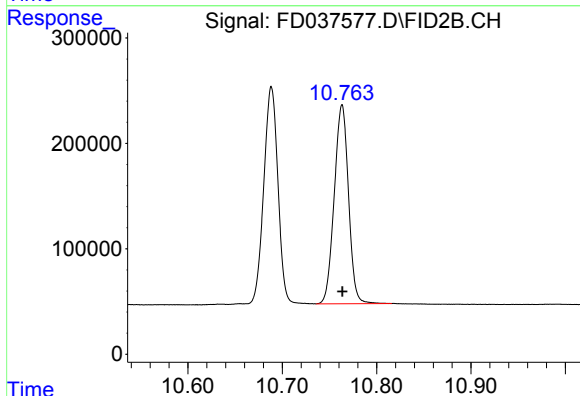
R.T.: 9.294 min
Delta R.T.: -0.002 min
Response: 2147873
Conc: 19.38 ug/ml



#9 Phenanthrene (C19.36)

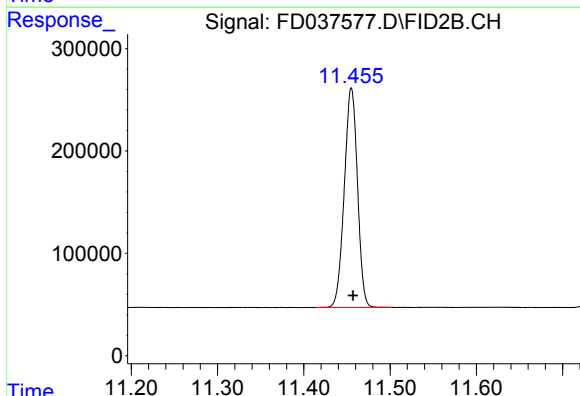
R.T.: 10.688 min
Delta R.T.: 0.000 min
Response: 2159231
Conc: 19.20 ug/ml

Instrument :
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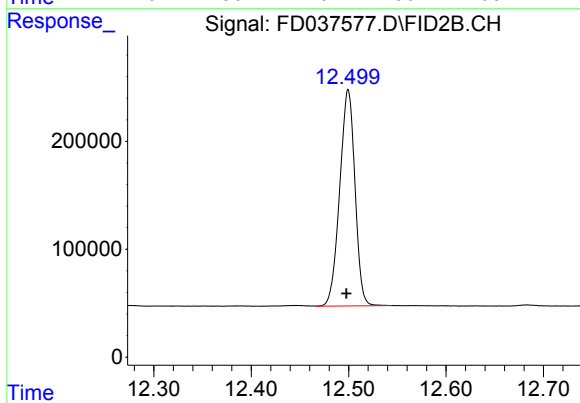
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.000 min
Response: 1977815
Conc: 17.98 ug/ml



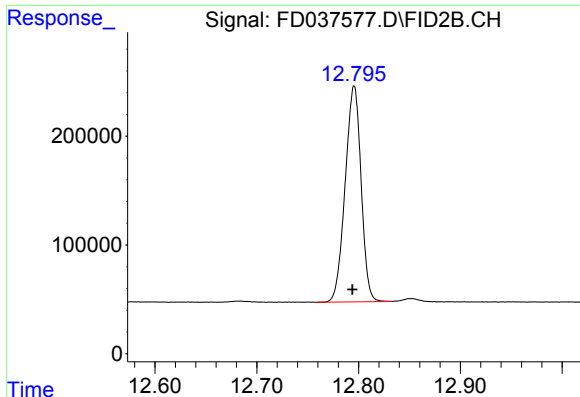
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.002 min
Response: 2277001
Conc: 19.11 ug/ml



#12 Fluoranthene (C21.85)

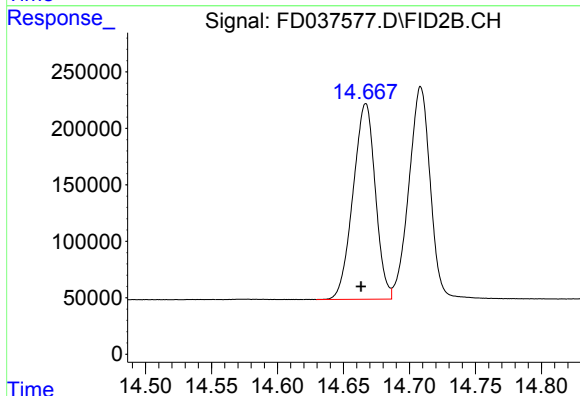
R.T.: 12.500 min
Delta R.T.: 0.002 min
Response: 2178940
Conc: 18.78 ug/ml



#13 Pyrene (C20.8)

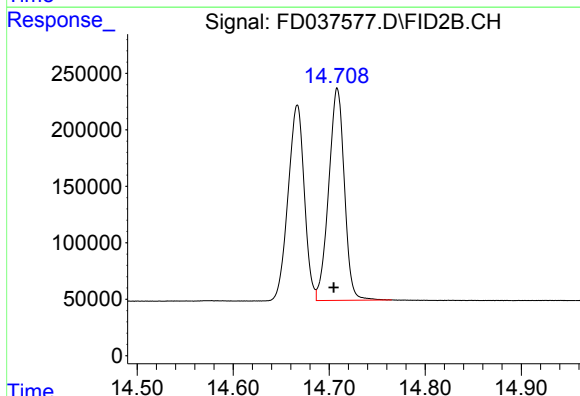
R.T.: 12.796 min
Delta R.T.: 0.002 min
Response: 2157586
Conc: 18.68 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



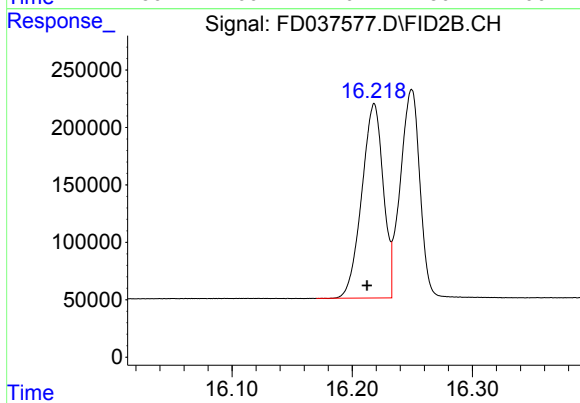
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.667 min
Delta R.T.: 0.004 min
Response: 2031007
Conc: 18.43 ug/ml



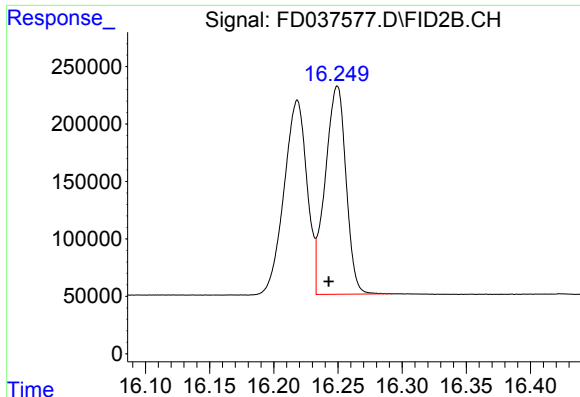
#15 Chrysene (C27.41)

R.T.: 14.709 min
Delta R.T.: 0.004 min
Response: 2115147
Conc: 18.36 ug/ml



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

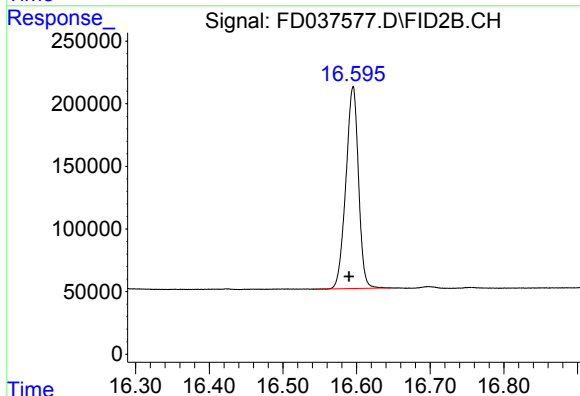
R.T.: 16.218 min
Delta R.T.: 0.006 min
Response: 2102414
Conc: 18.59 ug/ml



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

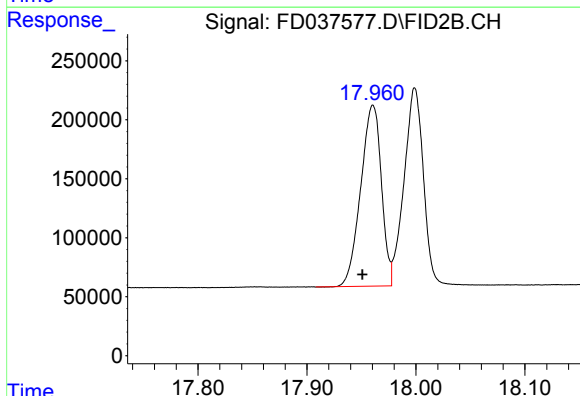
R.T.: 16.250 min
Delta R.T.: 0.007 min
Response: 2046168
Conc: 18.46 ug/ml

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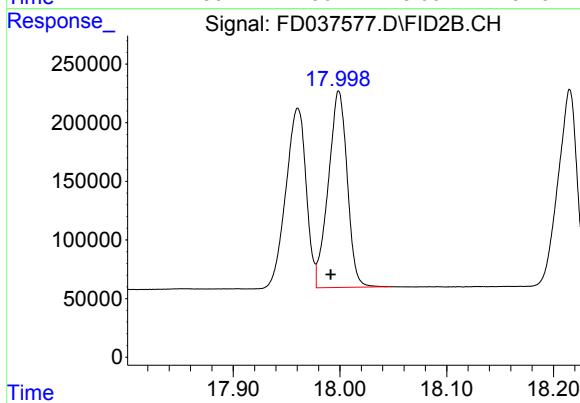
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.595 min
Delta R.T.: 0.006 min
Response: 1917277
Conc: 18.30 ug/ml



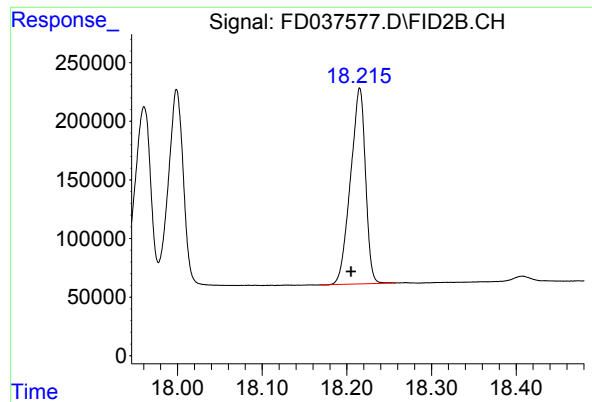
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.961 min
Delta R.T.: 0.010 min
Response: 2020964
Conc: 18.60 ug/ml



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

R.T.: 17.999 min
Delta R.T.: 0.007 min
Response: 2064851
Conc: 18.86 ug/ml



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

R.T.: 18.215 min
Delta R.T.: 0.010 min
Response: 2054259
Conc: 18.80 ug/ml

Instrument :
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