

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080520AR\
 Data File : FD034352.D
 Signal(s) : FID2B.CH
 Acq On : 05 Aug 2020 13:13
 Operator : DD\AJ
 Sample : L3436-17MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 01:32:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 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...	7.700	4557340	38.981 ug/ml
Spiked Amount 50.000		Recovery =	77.96%
6) S 2-Fluorobiphenyl (SURR)	8.564	1873670	22.600 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.20%
11) S ortho-Terphenyl (SURR)	11.611	7911973	58.221 ug/ml
Spiked Amount 50.000		Recovery =	116.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2180578	17.108 ug/ml
2) T Naphthalene (C11.7)	6.036	3138214	23.457 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	3546755	26.276 ug/ml
5) T Acenaphthylene (C15.06)	8.369	4686812	35.414 ug/ml
7) T Acenaphthene (C15.5)	8.664	4134623	30.744 ug/ml
8) T Flouorene (C16.55)	9.448	6383581	48.027 ug/ml
9) T Phenanthrene (C19.36)	10.847	6609800	49.312 ug/ml
10) T Anthracene (C19.43)	10.922	6423755	48.400 ug/ml
12) T Fluoranthene (C21.85)	12.663	7683099	56.528 ug/ml
13) T Pyrene (C20.8)	12.960	6631731	49.803 ug/ml
14) T Benzo[a]anthracene (C...	14.832	7658730	58.353 ug/ml
15) T Chrysene (C27.41)	14.879	8341588	63.623 ug/ml
16) T benzo[b]fluoranthene ...	16.384	7875701	61.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.421	7585947	61.248 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	6994223	55.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.129	8003990	66.519 ug/ml
20) T Dibenz[a,h]anthracene...	18.167	7062144	59.822 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	7384318	62.321 ug/ml

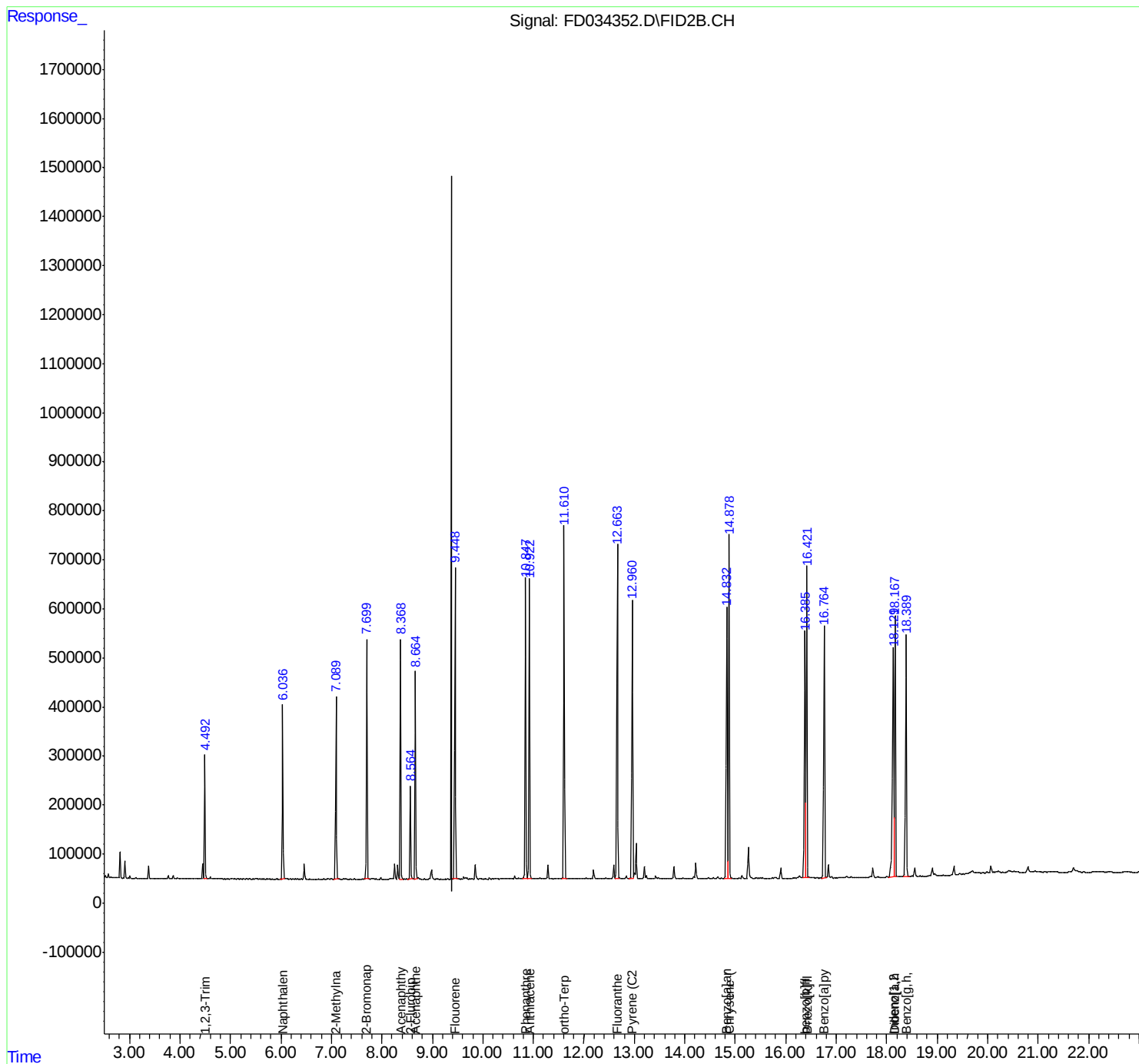
(f)=RT Delta > 1/2 Window

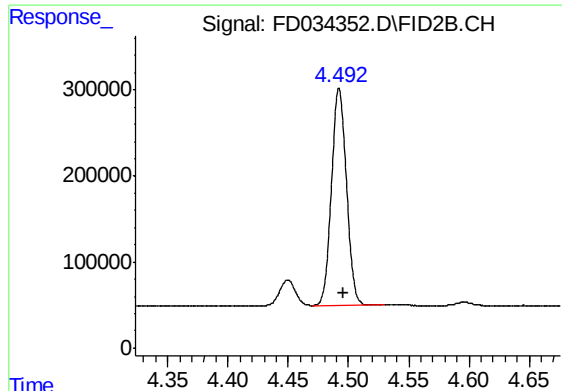
(m)=manual int.

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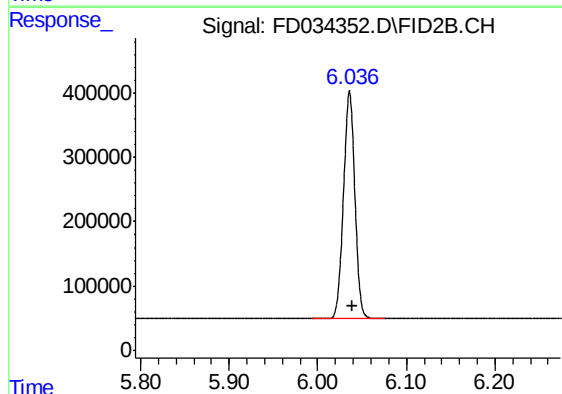
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Signal Info : 20M x 0.18mm x 0.18µm





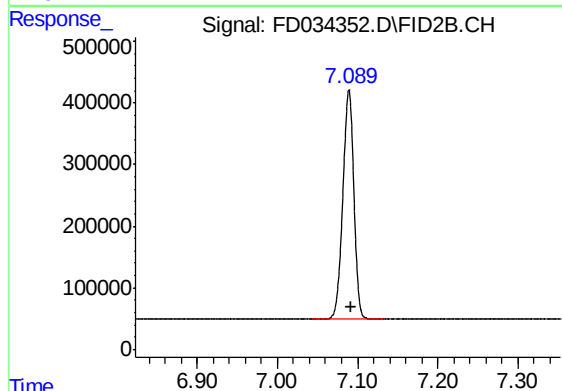
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.004 min
Response: 2180578
Conc: 17.11 ug/ml



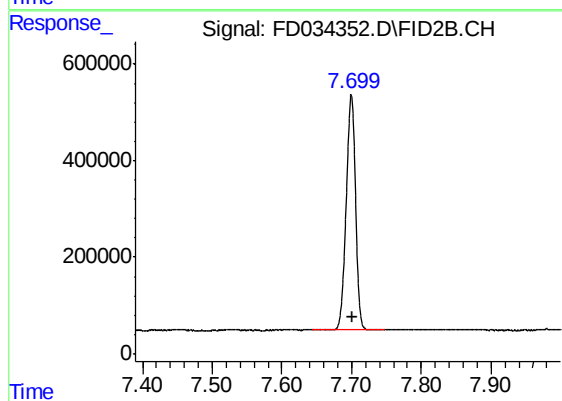
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.003 min
Response: 3138214
Conc: 23.46 ug/ml



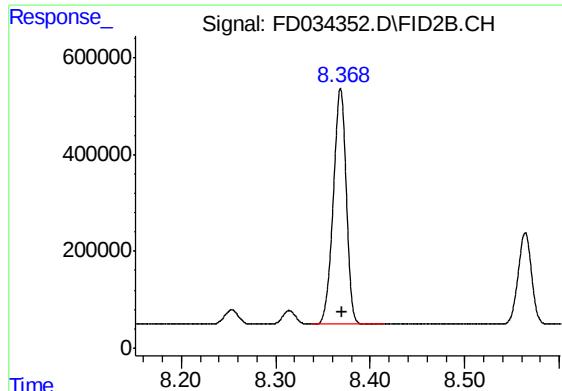
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 3546755
Conc: 26.28 ug/ml



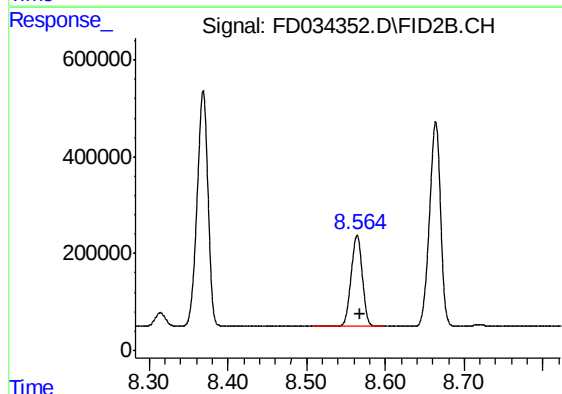
#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min
Delta R.T.: -0.002 min
Response: 4557340
Conc: 38.98 ug/ml



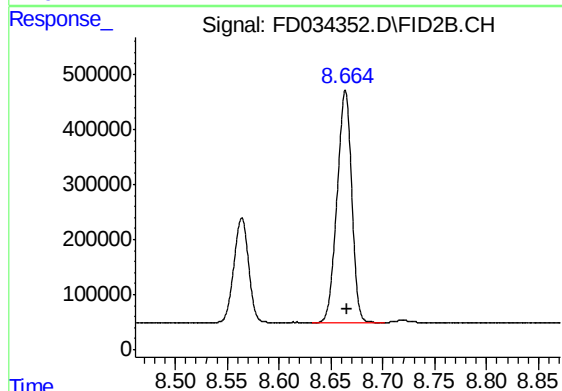
#5 Acenaphthylene (C15.06)

R.T.: 8.369 min
Delta R.T.: -0.002 min
Response: 4686812
Conc: 35.41 ug/ml



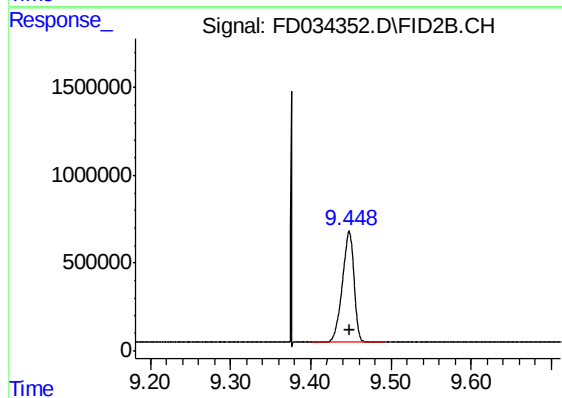
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 1873670
Conc: 22.60 ug/ml



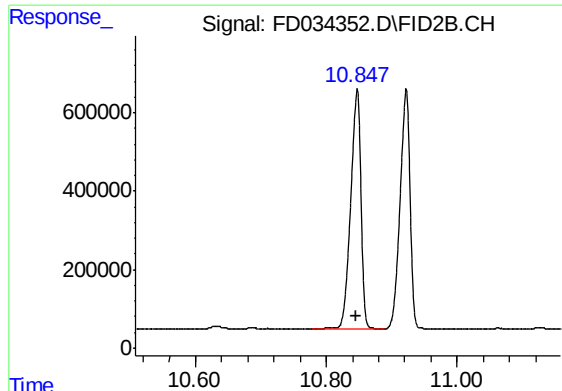
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 4134623
Conc: 30.74 ug/ml



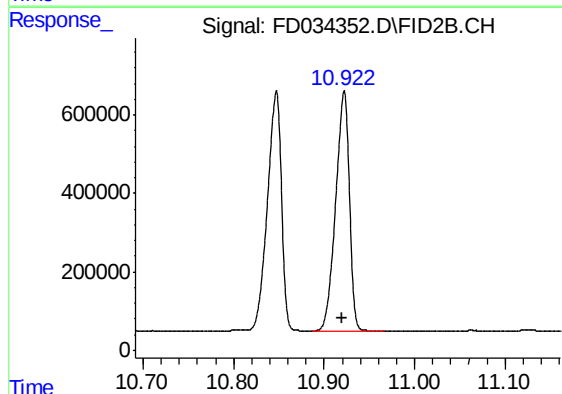
#8 Flouorene (C16.55)

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 6383581
Conc: 48.03 ug/ml



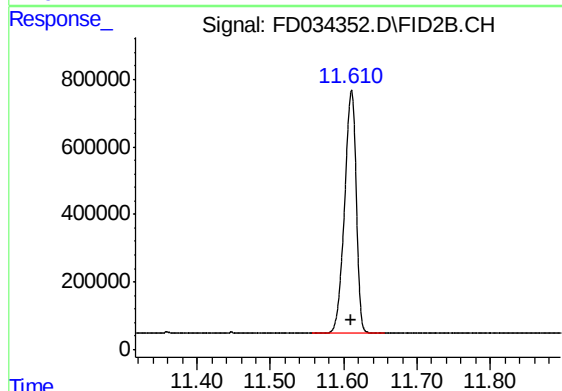
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: 0.001 min
Response: 6609800
Conc: 49.31 ug/ml



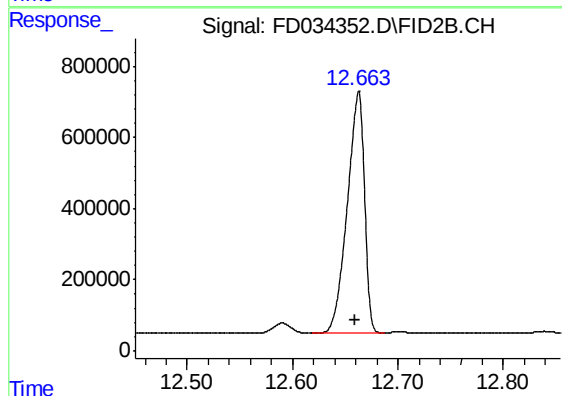
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: 0.002 min
Response: 6423755
Conc: 48.40 ug/ml



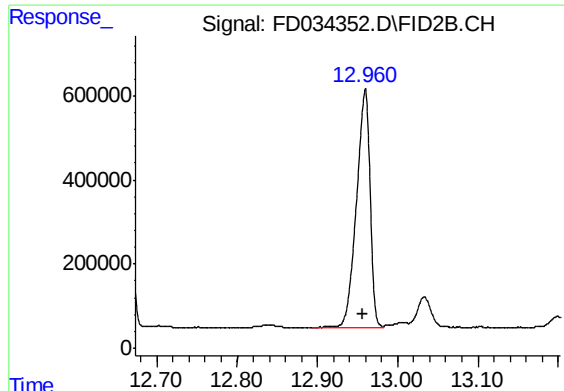
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.001 min
Response: 7911973
Conc: 58.22 ug/ml



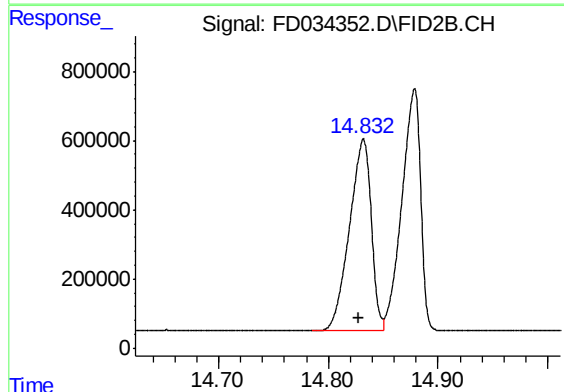
#12 Fluoranthene (C21.85)

R.T.: 12.663 min
Delta R.T.: 0.004 min
Response: 7683099
Conc: 56.53 ug/ml



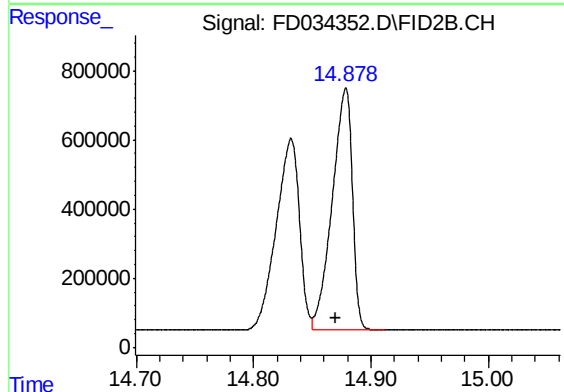
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 6631731
Conc: 49.80 ug/ml



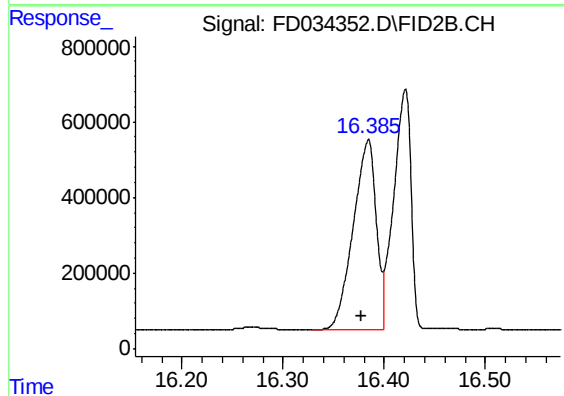
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.832 min
Delta R.T.: 0.005 min
Response: 7658730
Conc: 58.35 ug/ml



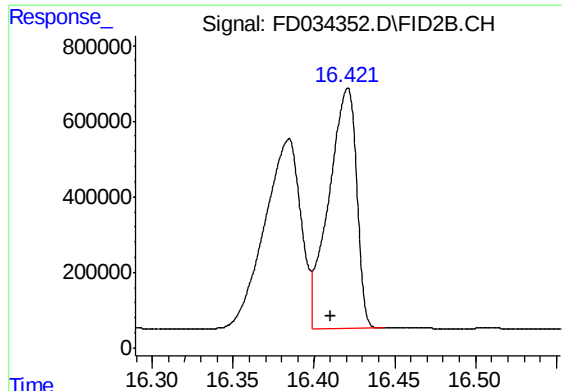
#15 Chrysene (C27.41)

R.T.: 14.879 min
Delta R.T.: 0.009 min
Response: 8341588
Conc: 63.62 ug/ml



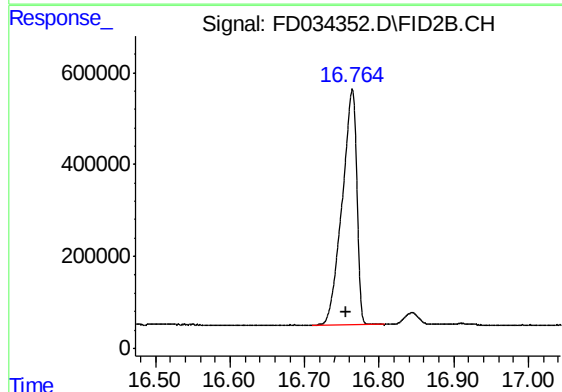
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.384 min
Delta R.T.: 0.007 min
Response: 7875701
Conc: 61.56 ug/ml



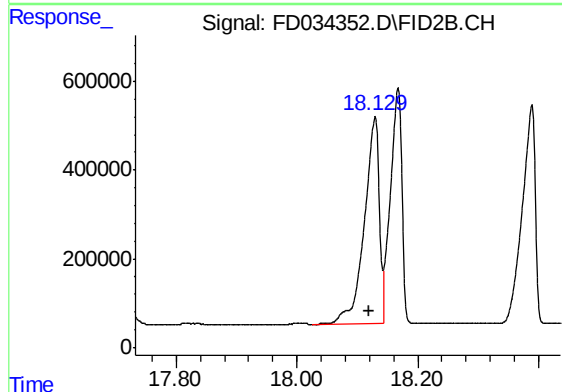
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.421 min
Delta R.T.: 0.011 min
Response: 7585947
Conc: 61.25 ug/ml



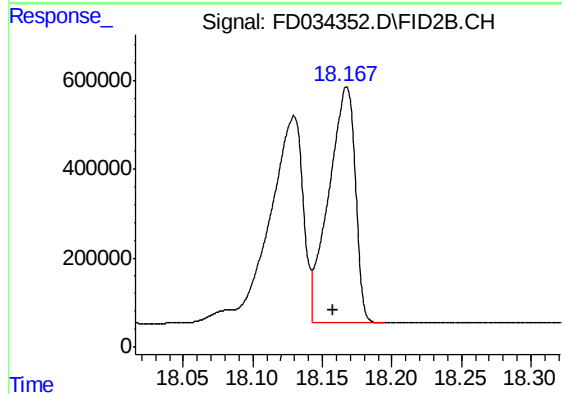
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.009 min
Response: 6994223
Conc: 55.86 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.011 min
Response: 8003990
Conc: 66.52 ug/ml



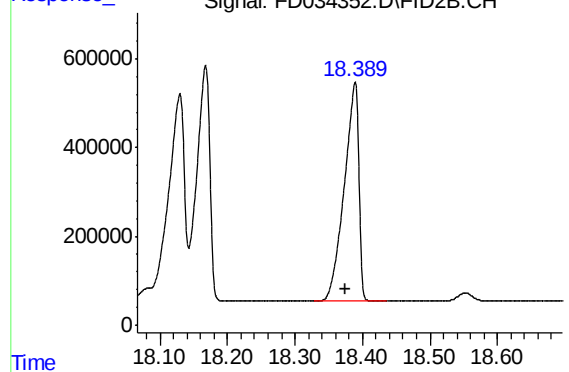
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.167 min
Delta R.T.: 0.010 min
Response: 7062144
Conc: 59.82 ug/ml

Response_

Signal: FD034352.D\FID2B.CH

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



R.T.: 18.389 min
Delta R.T.: 0.015 min
Response: 7384318
Conc: 62.32 ug/ml