

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080618AR\
 Data File : FD025324.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2018 15:45
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:58:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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...	7.438	1369769	17.745 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
6) S 2-Fluorobiphenyl (SURR)	8.291	947641	17.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.25%
11) S ortho-Terphenyl (SURR)	11.335	1543332	18.186 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1442319	18.467 ug/mlm
2) T Naphthalene (C11.7)	5.772	1561644	18.127 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	1542293	17.938 ug/ml
5) T Acenaphthylene (C15.06)	8.094	1511351	17.794 ug/ml
7) T Acenaphthene (C15.5)	8.390	1580157	17.747 ug/ml
8) T Flouorene (C16.55)	9.169	1563621	17.557 ug/ml
9) T Phenanthrene (C19.36)	10.559	1580179	17.643 ug/ml
10) T Anthracene (C19.43)	10.633	1553143	17.638 ug/ml
12) T Fluoranthene (C21.85)	12.365	1609193	18.316 ug/ml
13) T Pyrene (C20.8)	12.659	1622352	18.461 ug/ml
14) T Benzo[a]anthracene (C...	14.529	1656287	19.859 ug/ml
15) T Chrysene (C27.41)	14.570	1672547	19.854 ug/ml
16) T benzo[b]fluoranthene ...	16.074	1789542	19.891 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	1793589	19.921 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.449	1822276	19.798 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	1866817	19.787 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	1867427	20.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.064	1868714	19.290 ug/ml

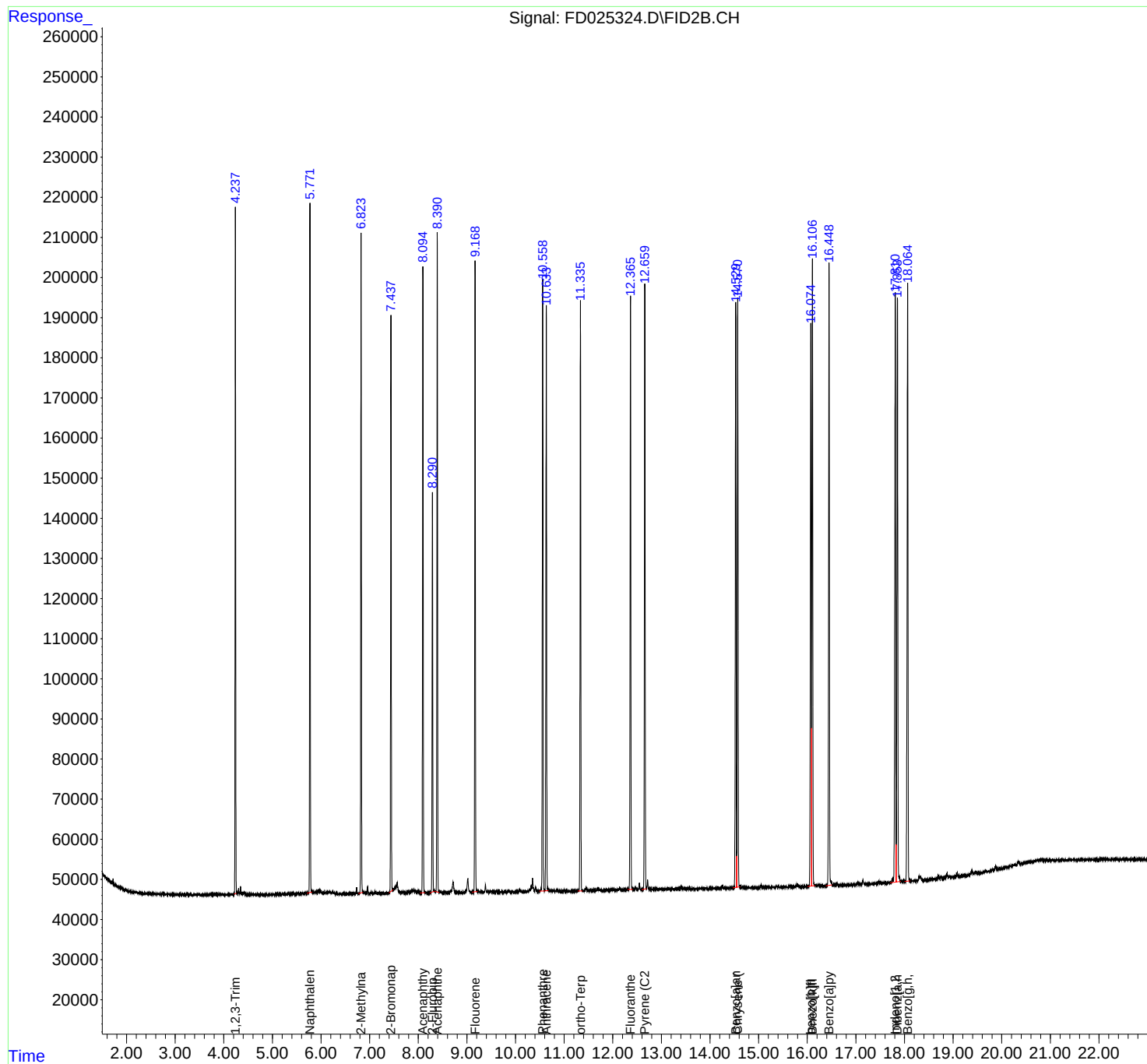
(f)=RT Delta > 1/2 Window

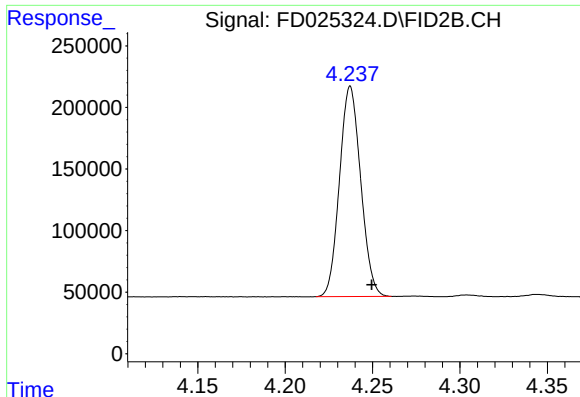
(m)=manual int.

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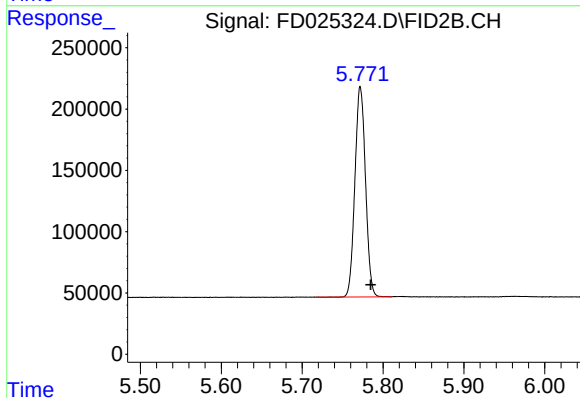
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Signal Info : 20M x 0.18mm x 0.18µm





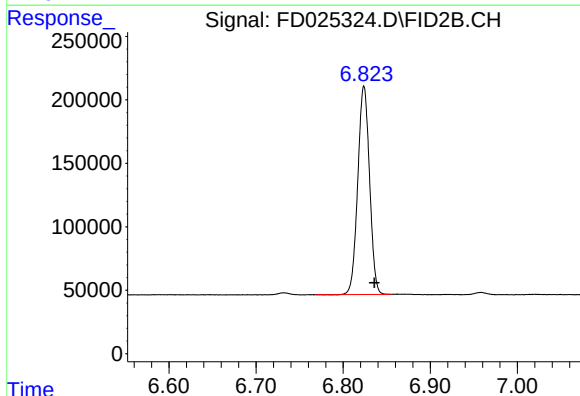
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.012 min
Response: 1442319
Conc: 18.47 ug/ml m



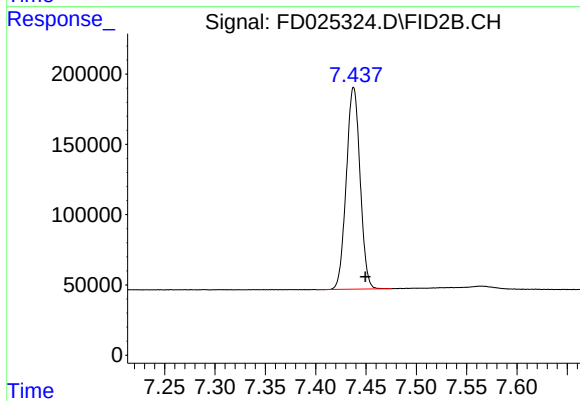
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.013 min
Response: 1561644
Conc: 18.13 ug/ml



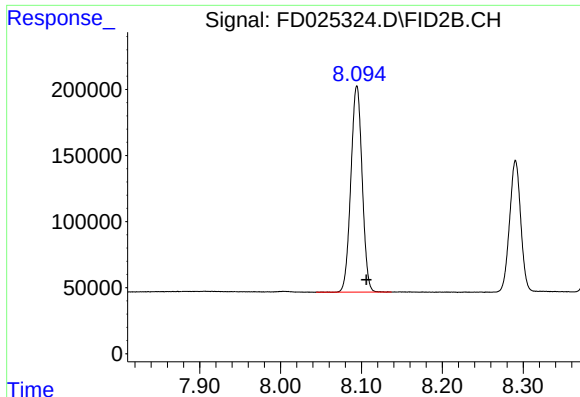
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.012 min
Response: 1542293
Conc: 17.94 ug/ml



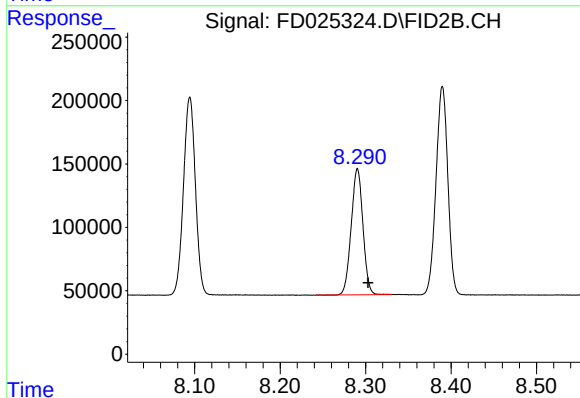
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.012 min
Response: 1369769
Conc: 17.74 ug/ml



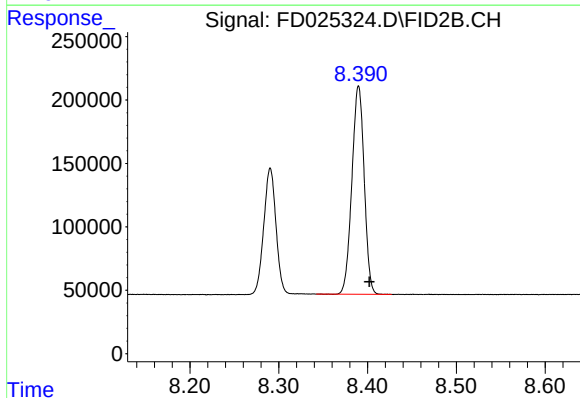
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 1511351
Conc: 17.79 ug/ml



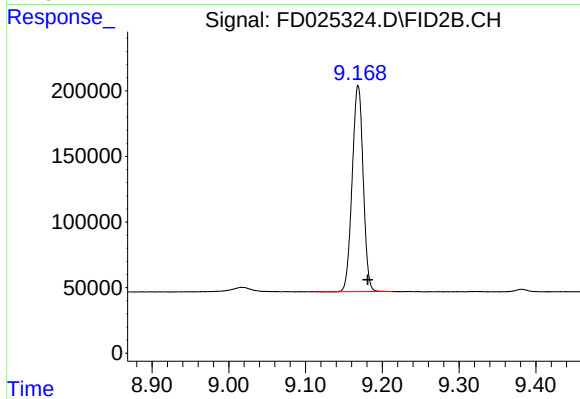
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: -0.012 min
Response: 947641
Conc: 17.62 ug/ml



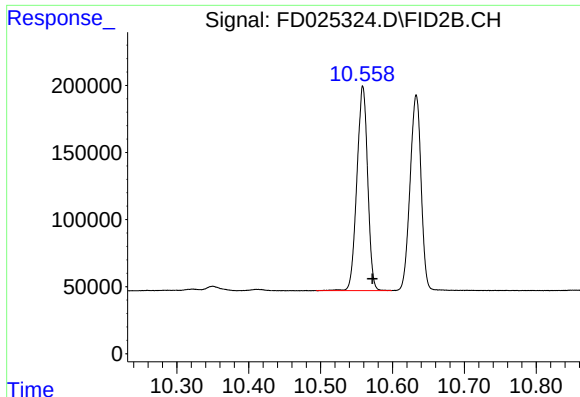
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.012 min
Response: 1580157
Conc: 17.75 ug/ml



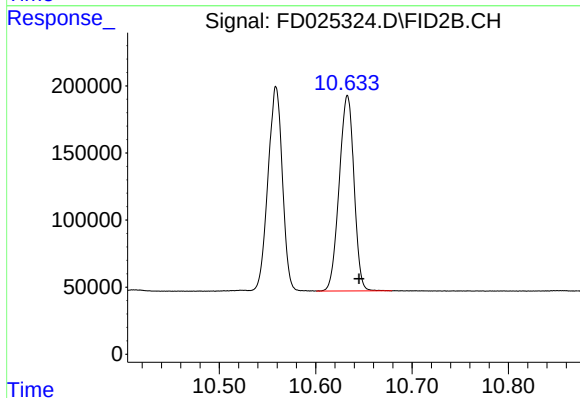
#8 Fluorene (C16.55)

R.T.: 9.169 min
Delta R.T.: -0.012 min
Response: 1563621
Conc: 17.56 ug/ml



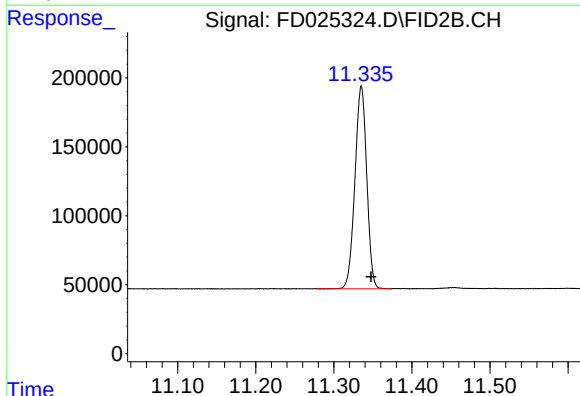
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.013 min
Response: 1580179
Conc: 17.64 ug/ml



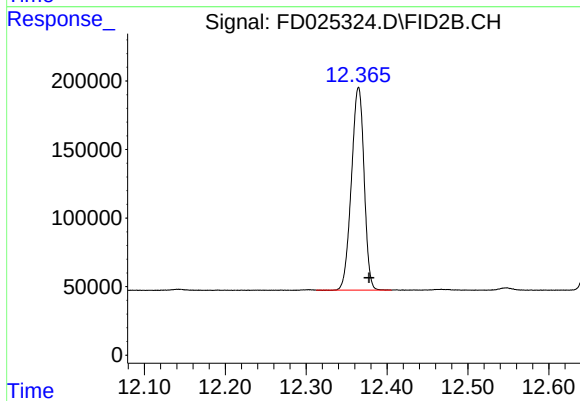
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 1553143
Conc: 17.64 ug/ml



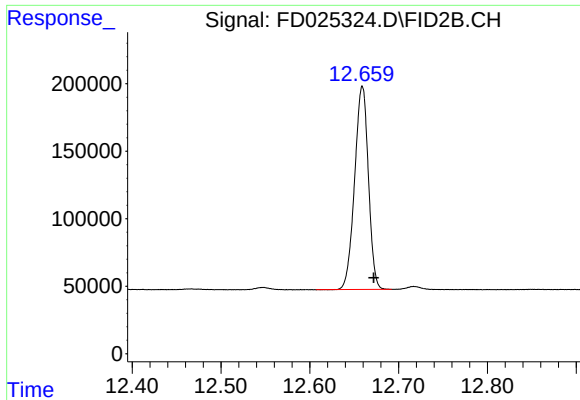
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 1543332
Conc: 18.19 ug/ml



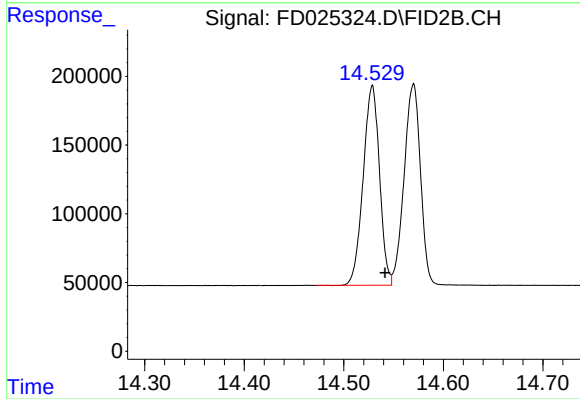
#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: -0.013 min
Response: 1609193
Conc: 18.32 ug/ml



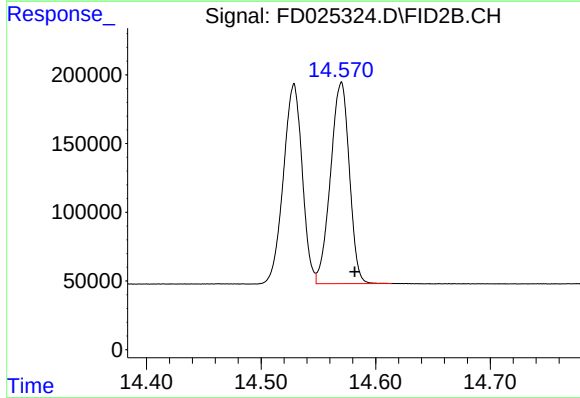
#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: -0.013 min
Response: 1622352
Conc: 18.46 ug/ml



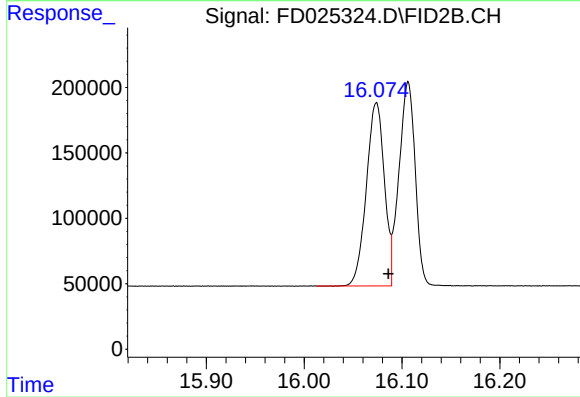
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.013 min
Response: 1656287
Conc: 19.86 ug/ml



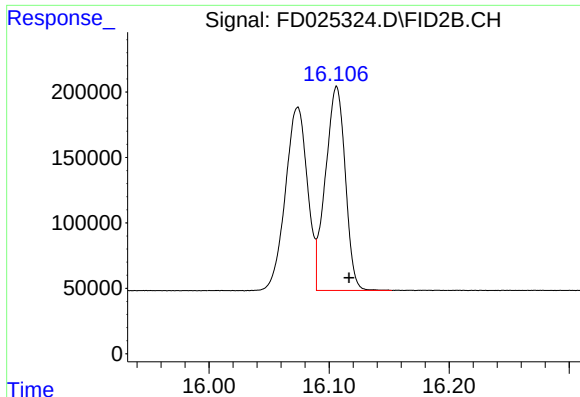
#15 Chrysene (C27.41)

R.T.: 14.570 min
Delta R.T.: -0.012 min
Response: 1672547
Conc: 19.85 ug/ml



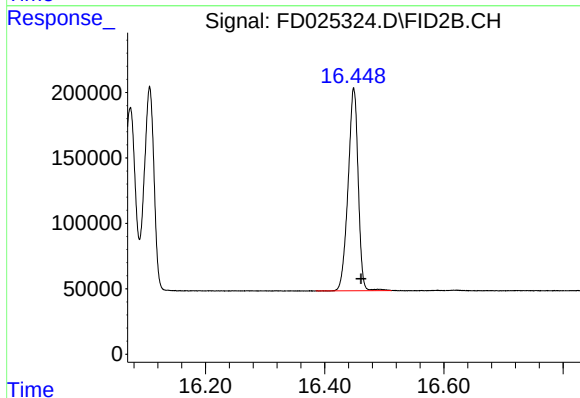
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.074 min
Delta R.T.: -0.012 min
Response: 1789542
Conc: 19.89 ug/ml



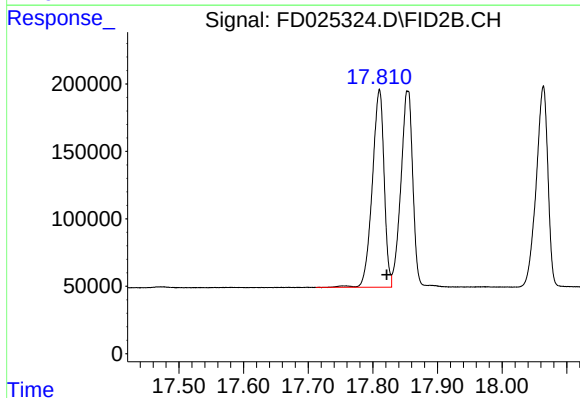
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.011 min
Response: 1793589
Conc: 19.92 ug/ml



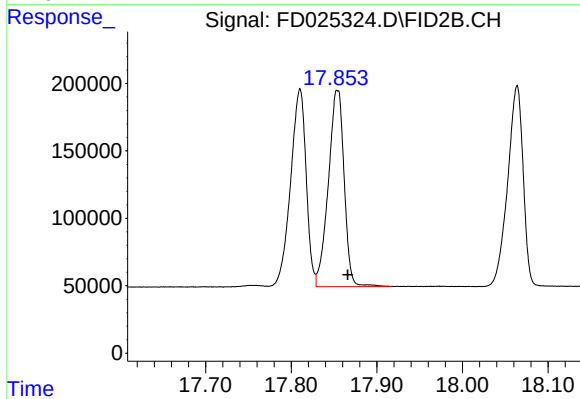
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.449 min
Delta R.T.: -0.012 min
Response: 1822276
Conc: 19.80 ug/ml



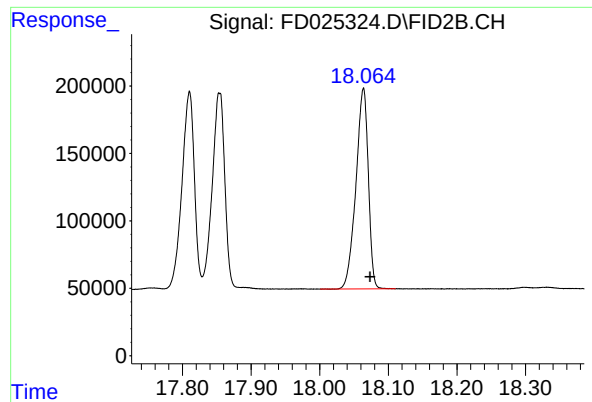
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.012 min
Response: 1866817
Conc: 19.79 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.012 min
Response: 1867427
Conc: 20.41 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.010 min
Response: 1868714
Conc: 19.29 ug/ml