

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025422.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 17:58
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 04:22:23 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...	7.436	1478650	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
6) S 2-Fluorobiphenyl (SURR)	8.289	1039741	19.337 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.67%
11) S ortho-Terphenyl (SURR)	11.335	1692615	19.945 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1520356	19.466 ug/ml
2) T Naphthalene (C11.7)	5.771	1688781	19.602 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	1670638	19.430 ug/ml
5) T Acenaphthylene (C15.06)	8.093	1641797	19.329 ug/ml
7) T Acenaphthene (C15.5)	8.389	1717537	19.290 ug/ml
8) T Flouorene (C16.55)	9.168	1709575	19.195 ug/ml
9) T Phenanthrene (C19.36)	10.558	1770441	19.767 ug/ml
10) T Anthracene (C19.43)	10.632	1741496	19.777 ug/ml
12) T Fluoranthene (C21.85)	12.365	1883306	21.435 ug/ml
13) T Pyrene (C20.8)	12.660	1905964	21.688 ug/ml
14) T Benzo[a]anthracene (C...	14.529	1903581	22.824 ug/ml
15) T Chrysene (C27.41)	14.569	1918433	22.773 ug/ml
16) T benzo[b]fluoranthene ...	16.074	1983984	22.052 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	1967409	21.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.449	1969291	21.395 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	1944078	20.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	1929073	21.080 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	1966271	20.297 ug/ml

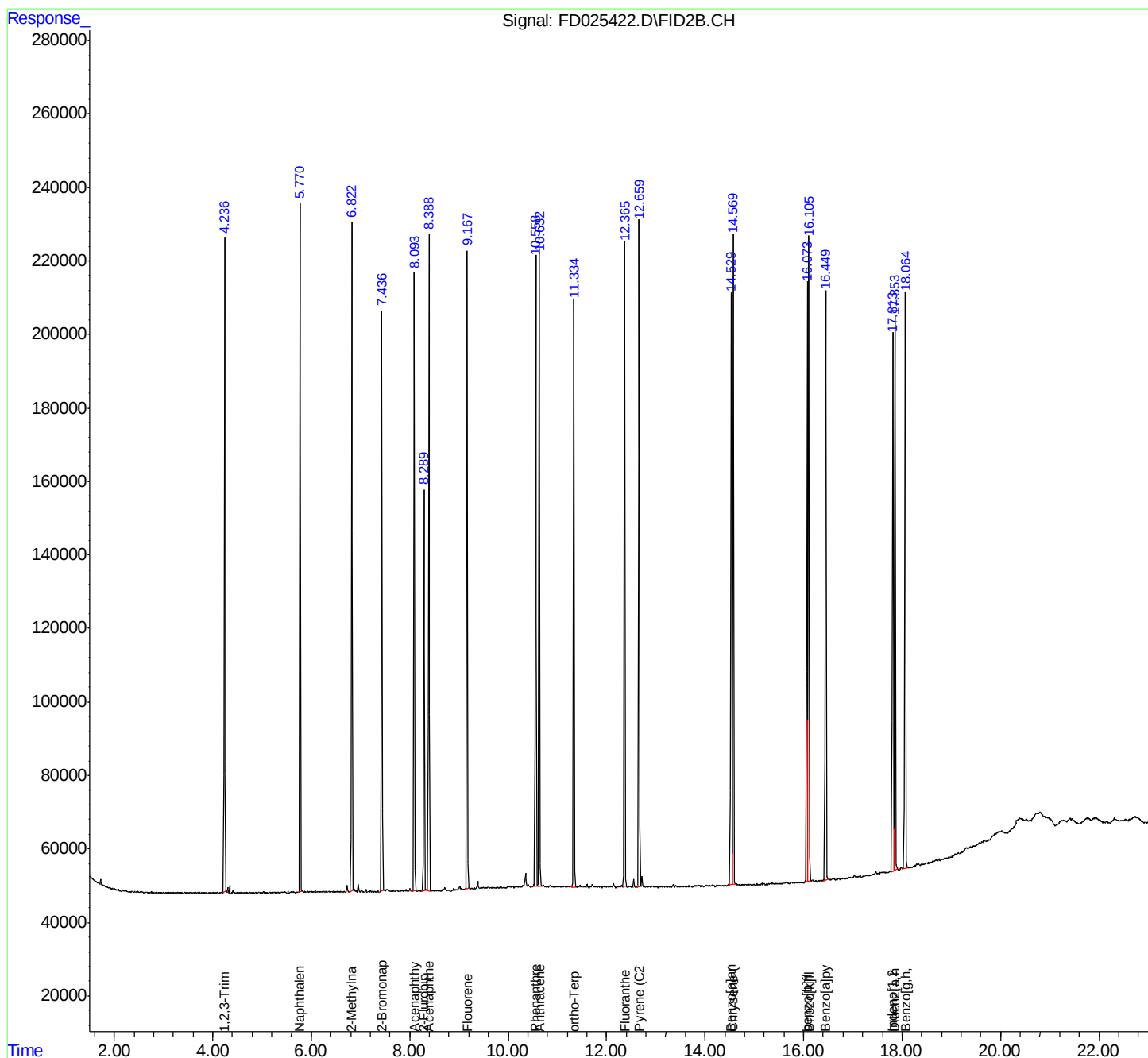
(f)=RT Delta > 1/2 Window

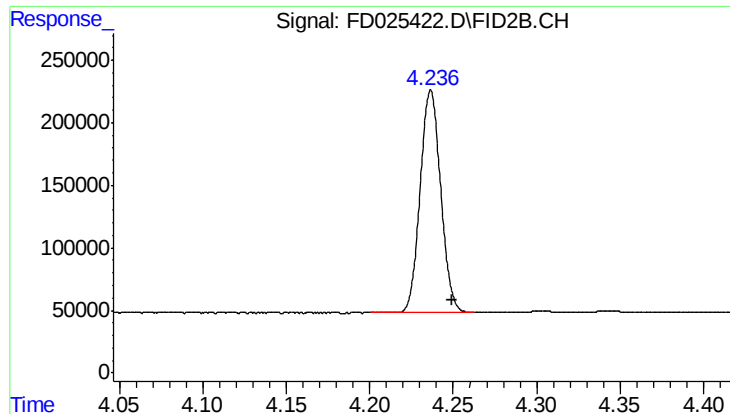
(m)=manual int.

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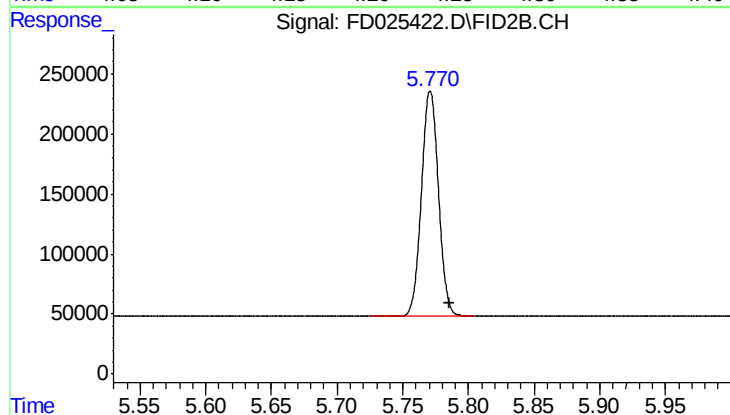
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





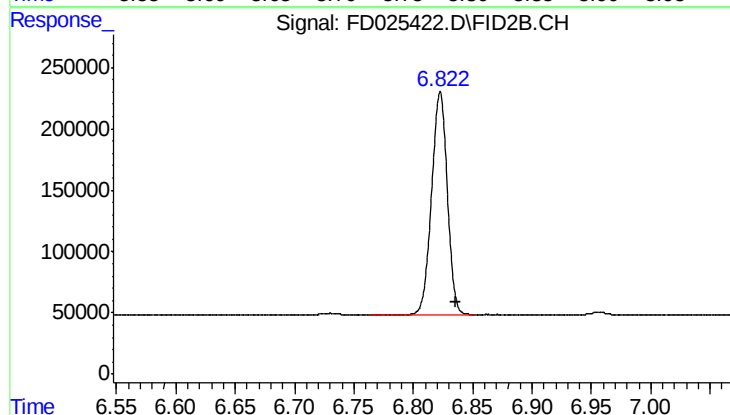
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.013 min
Response: 1520356
Conc: 19.47 ug/ml



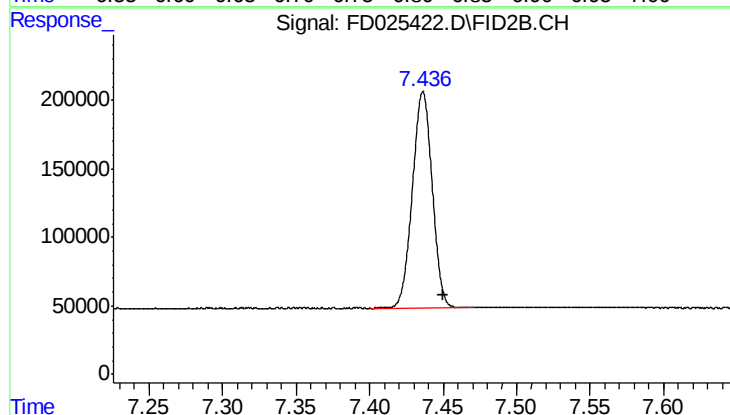
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 1688781
Conc: 19.60 ug/ml



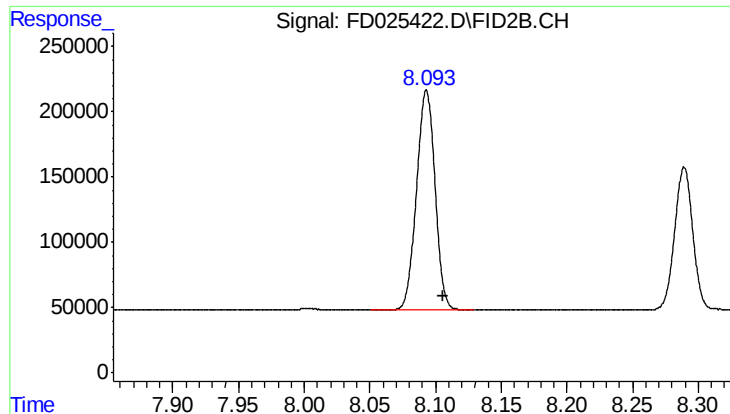
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.013 min
Response: 1670638
Conc: 19.43 ug/ml



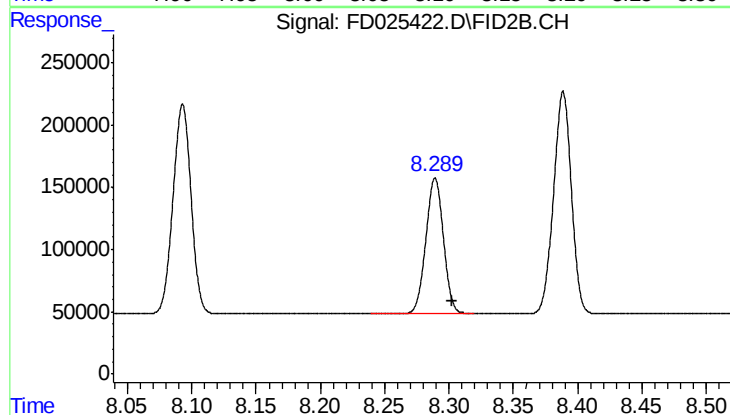
#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.013 min
Response: 1478650
Conc: 19.15 ug/ml



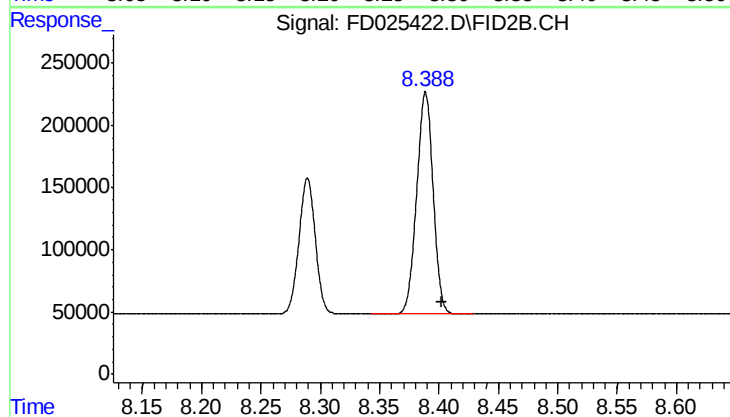
#5 Acenaphthylene (C15.06)

R.T.: 8.093 min
Delta R.T.: -0.013 min
Response: 1641797
Conc: 19.33 ug/ml



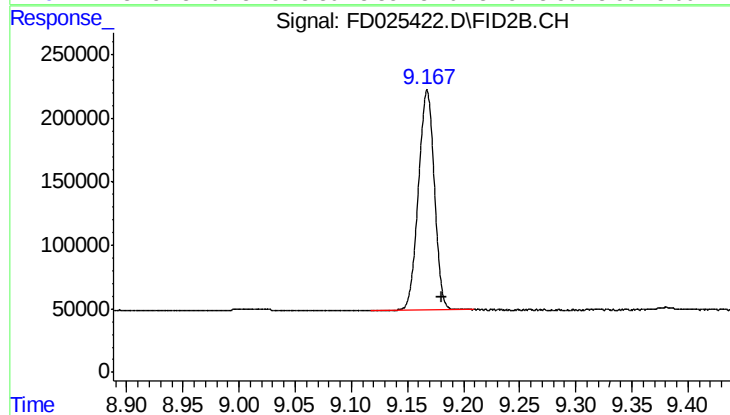
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.289 min
Delta R.T.: -0.013 min
Response: 1039741
Conc: 19.34 ug/ml



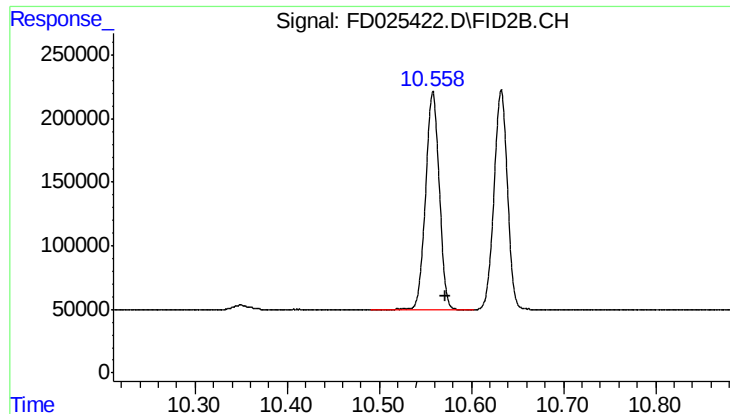
#7 Acenaphthene (C15.5)

R.T.: 8.389 min
Delta R.T.: -0.013 min
Response: 1717537
Conc: 19.29 ug/ml



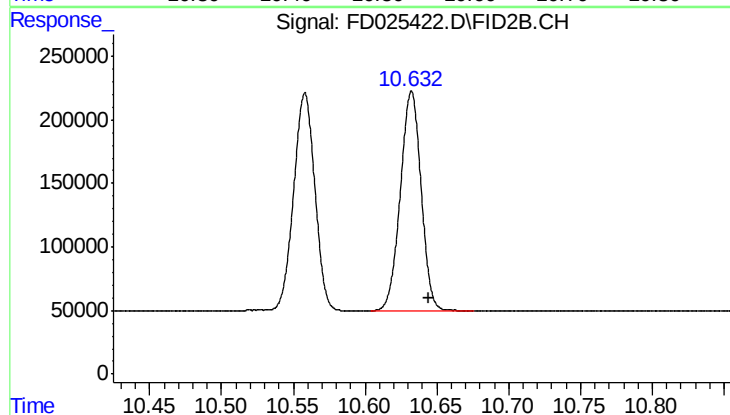
#8 Fluorene (C16.55)

R.T.: 9.168 min
Delta R.T.: -0.013 min
Response: 1709575
Conc: 19.20 ug/ml



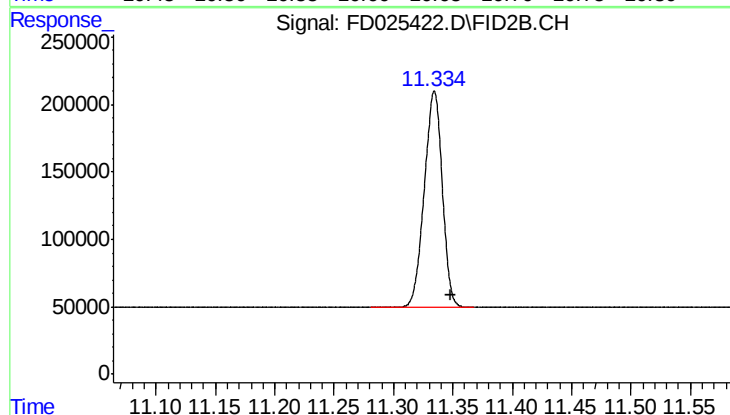
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.014 min
Response: 1770441
Conc: 19.77 ug/ml



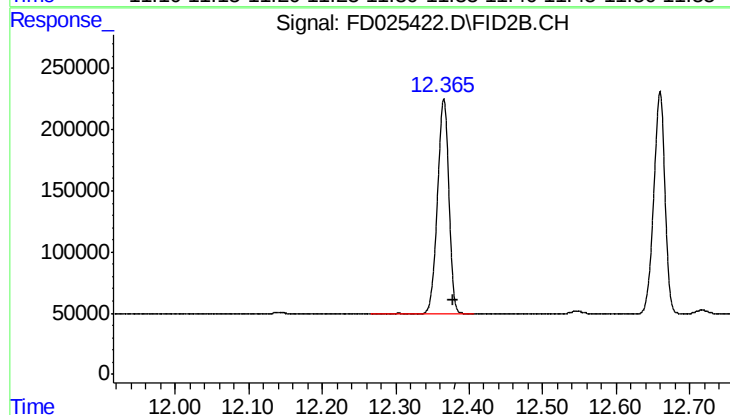
#10 Anthracene (C19.43)

R.T.: 10.632 min
Delta R.T.: -0.012 min
Response: 1741496
Conc: 19.78 ug/ml



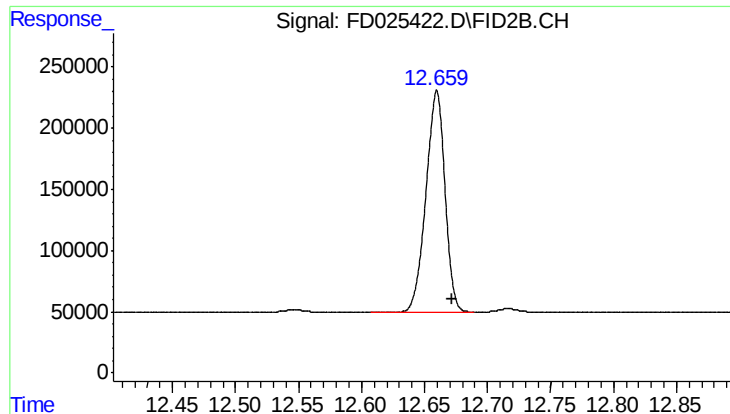
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 1692615
Conc: 19.95 ug/ml



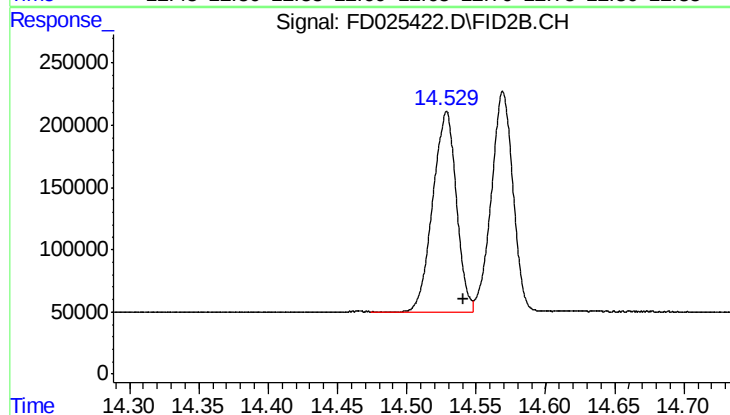
#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: -0.012 min
Response: 1883306
Conc: 21.44 ug/ml



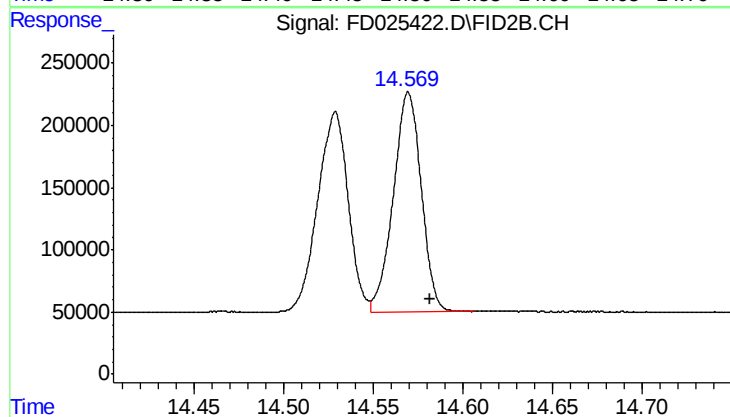
#13 Pyrene (C20.8)

R.T.: 12.660 min
Delta R.T.: -0.012 min
Response: 1905964
Conc: 21.69 ug/ml



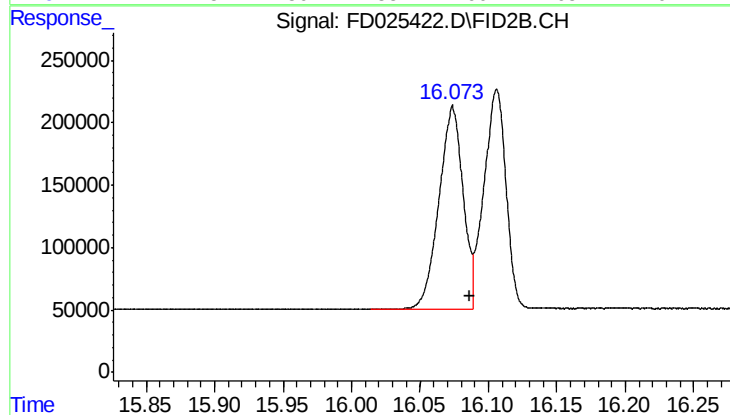
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.013 min
Response: 1903581
Conc: 22.82 ug/ml



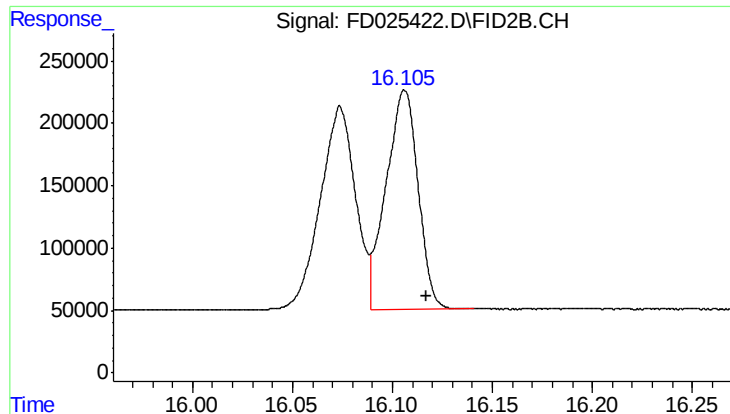
#15 Chrysene (C27.41)

R.T.: 14.569 min
Delta R.T.: -0.012 min
Response: 1918433
Conc: 22.77 ug/ml



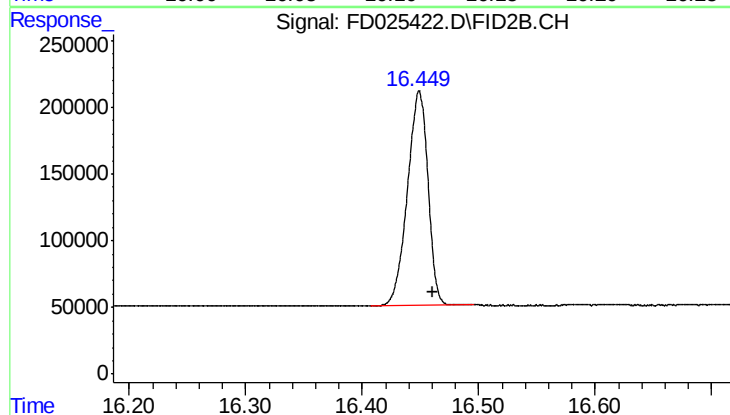
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.074 min
Delta R.T.: -0.012 min
Response: 1983984
Conc: 22.05 ug/ml



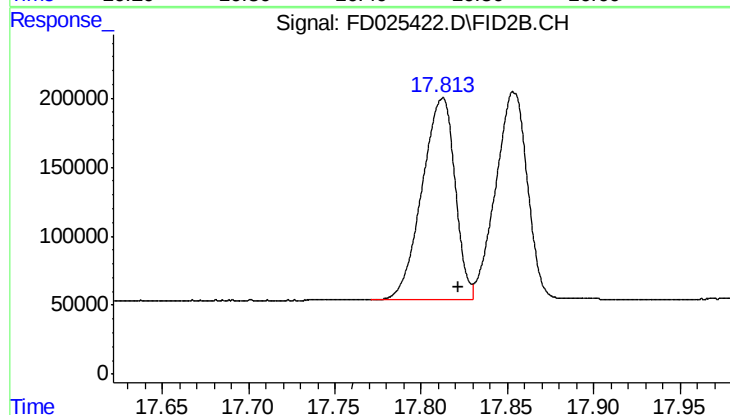
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.011 min
Response: 1967409
Conc: 21.85 ug/ml



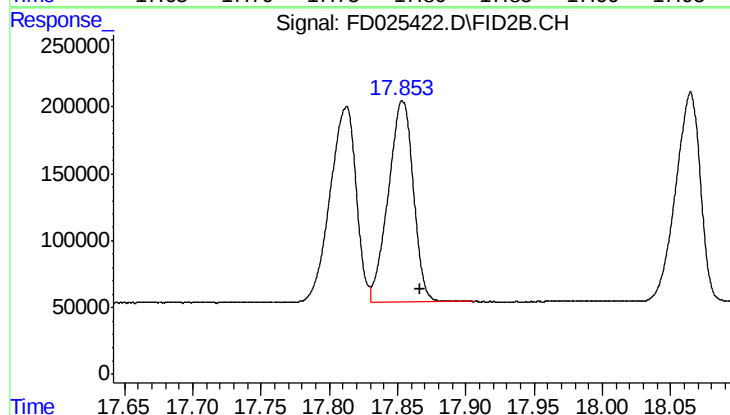
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.449 min
Delta R.T.: -0.012 min
Response: 1969291
Conc: 21.39 ug/ml



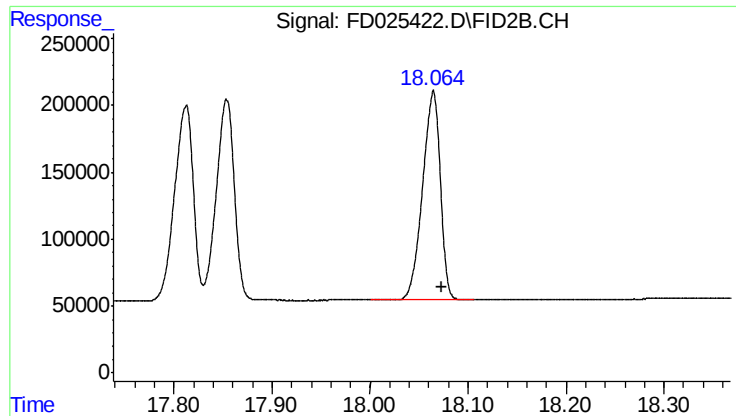
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: -0.009 min
Response: 1944078
Conc: 20.61 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.012 min
Response: 1929073
Conc: 21.08 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.009 min
Response: 1966271
Conc: 20.30 ug/ml