

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD091418AR\
 Data File : FD025572.D
 Signal(s) : FID2B.CH
 Acq On : 14 Sep 2018 15:00
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 10:21:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.433	1594029	19.773 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
6) S 2-Fluorobiphenyl (SURR)	8.286	1089649	19.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.38%
11) S ortho-Terphenyl (SURR)	11.329	1724492	18.397 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1680930	21.393 ug/ml
2) T Naphthalene (C11.7)	5.769	1812209	20.720 ug/ml
3) T 2-Methylnaphthalene (...)	6.819	1790744	20.196 ug/ml
5) T Acenaphthylene (C15.06)	8.090	1728389	19.389 ug/ml
7) T Acenaphthene (C15.5)	8.385	1807777	19.327 ug/ml
8) T Fluorene (C16.55)	9.164	1778432	18.585 ug/ml
9) T Phenanthrene (C19.36)	10.553	1770395	18.331 ug/ml
10) T Anthracene (C19.43)	10.628	1731381	18.245 ug/ml
12) T Fluoranthene (C21.85)	12.359	1836451	19.143 ug/ml
13) T Pyrene (C20.8)	12.653	1863138	19.472 ug/ml
14) T Benzo[alanthracene (C...	14.522	1923591	21.494 ug/ml
15) T Chrysene (C27.41)	14.564	1941289	21.638 ug/ml
16) T benzo[b]fluoranthene ...	16.068	2021891	21.158 ug/ml
17) T Benzo[k]fluoranthene ...	16.100	2030241	20.966 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.443	2015498	20.716 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	1972895	19.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.846	1956522	19.422 ug/ml
21) T Benzo[a,h,i]perylene ...	18.055	2001609	19.348 ug/ml

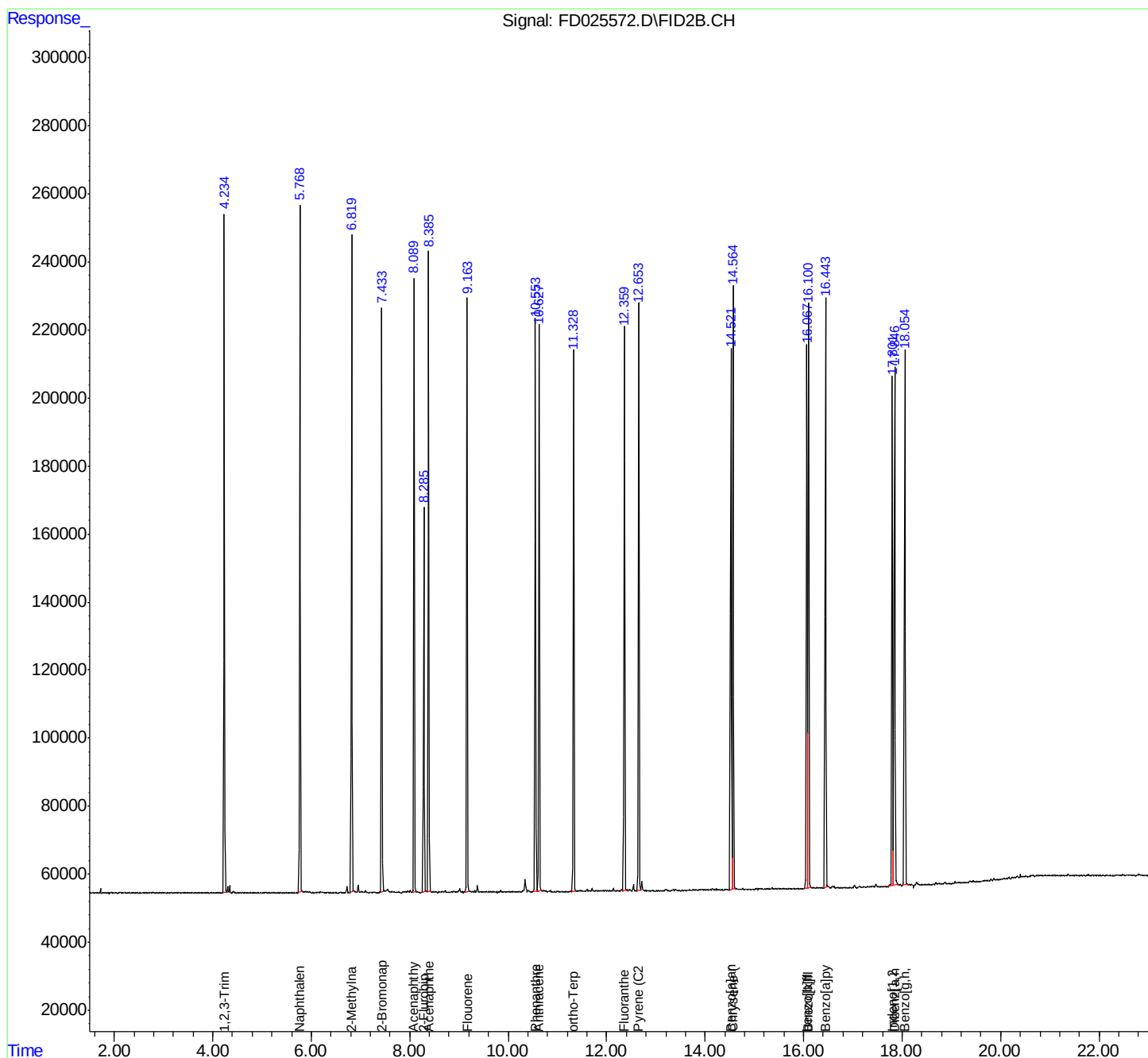
(f)=RT Delta > 1/2 Window

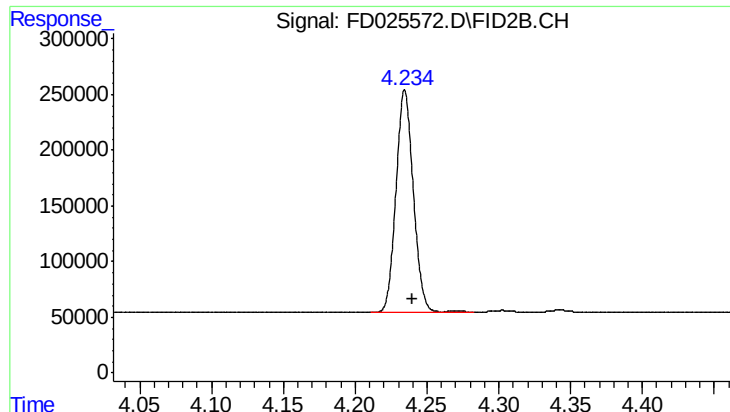
(m)=manual int.

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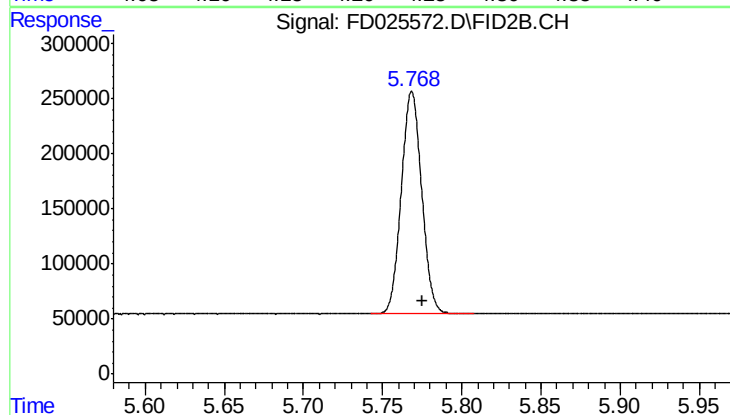
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





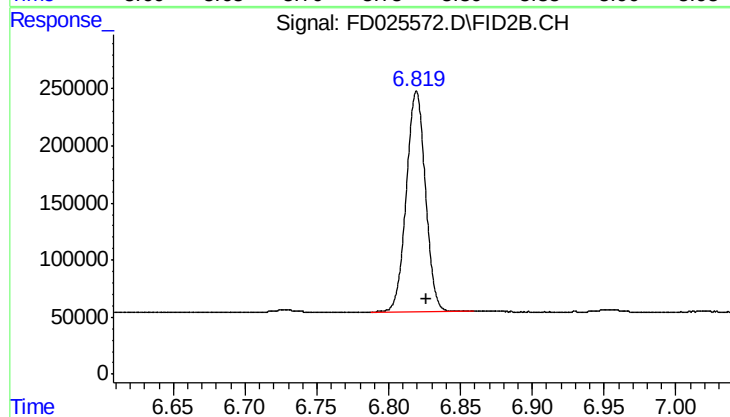
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 1680930
Conc: 21.39 ug/ml



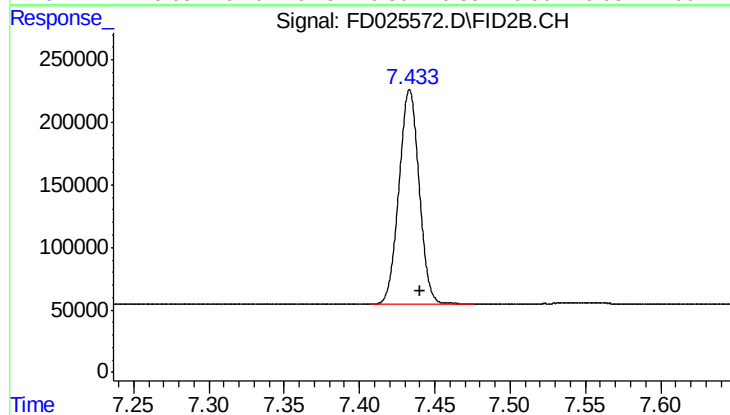
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.007 min
Response: 1812209
Conc: 20.72 ug/ml



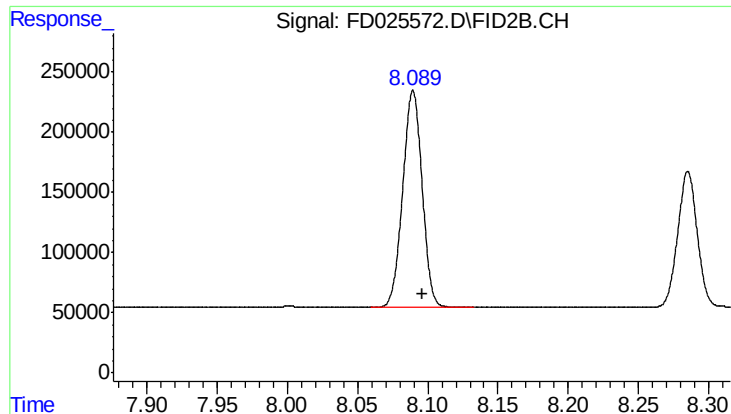
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: -0.007 min
Response: 1790744
Conc: 20.20 ug/ml



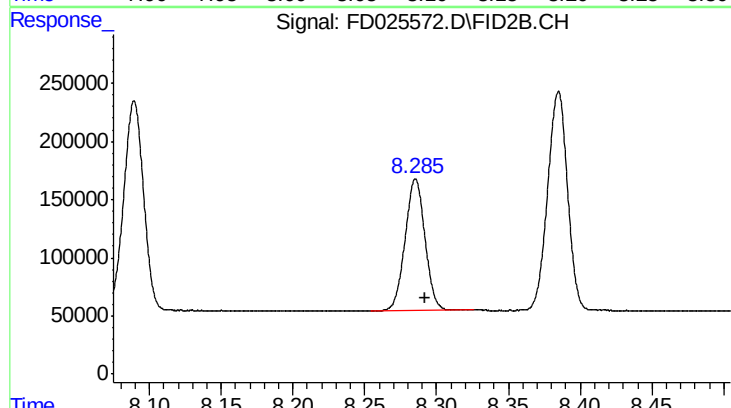
#4 2-Bromonaphthalene (SURR)

R.T.: 7.433 min
Delta R.T.: -0.007 min
Response: 1594029
Conc: 19.77 ug/ml



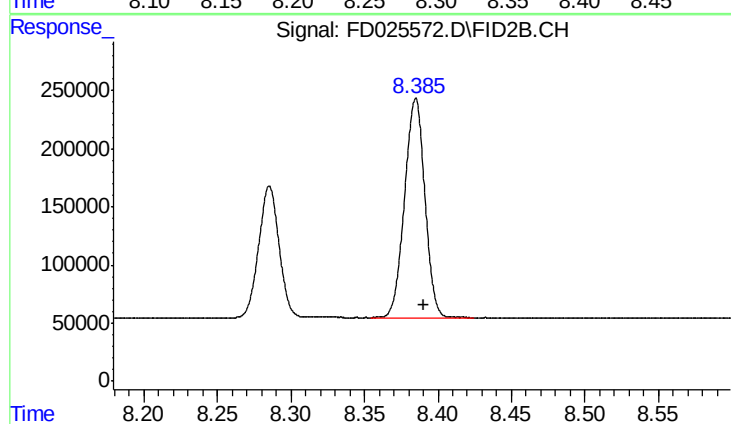
#5 Acenaphthylene (C15.06)

R.T.: 8.090 min
Delta R.T.: -0.006 min
Response: 1728389
Conc: 19.39 ug/ml



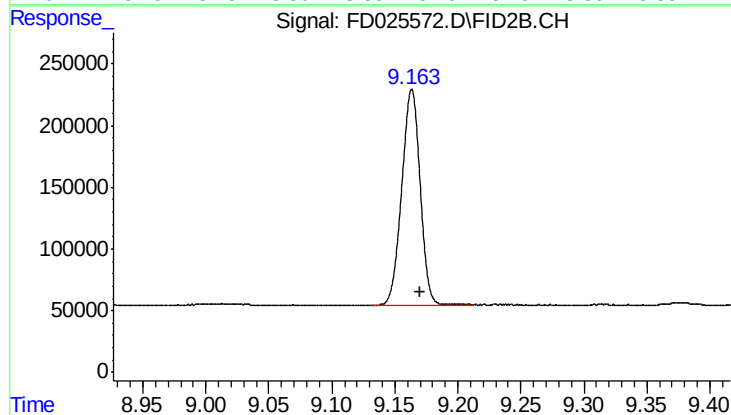
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 1089649
Conc: 19.19 ug/ml



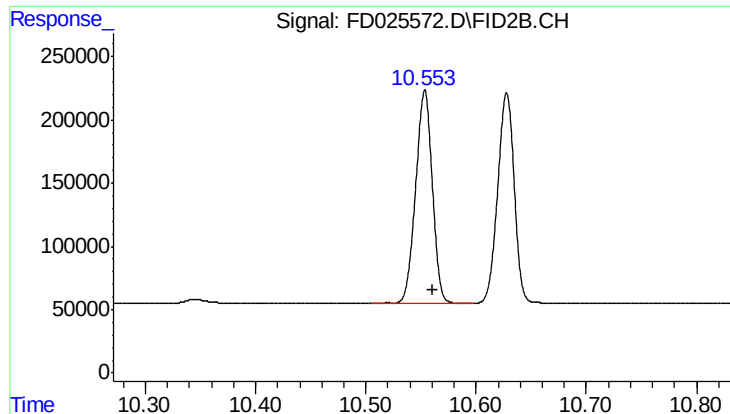
#7 Acenaphthene (C15.5)

R.T.: 8.385 min
Delta R.T.: -0.006 min
Response: 1807777
Conc: 19.33 ug/ml



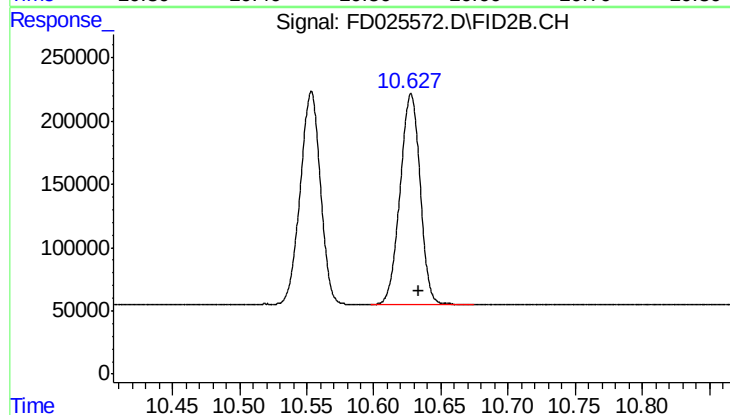
#8 Fluorene (C16.55)

R.T.: 9.164 min
Delta R.T.: -0.006 min
Response: 1778432
Conc: 18.59 ug/ml



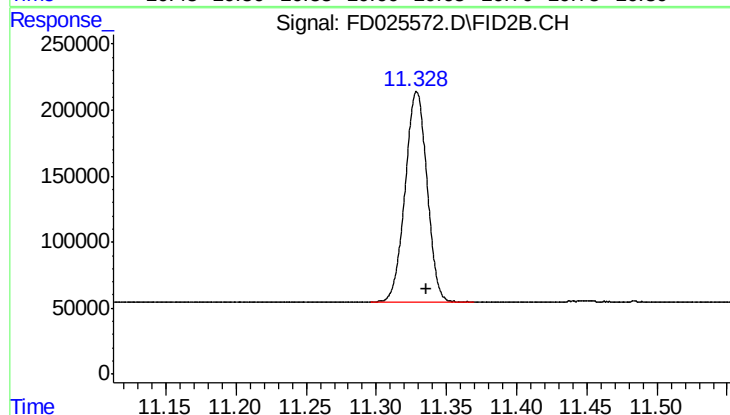
#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.007 min
Response: 1770395
Conc: 18.33 ug/ml



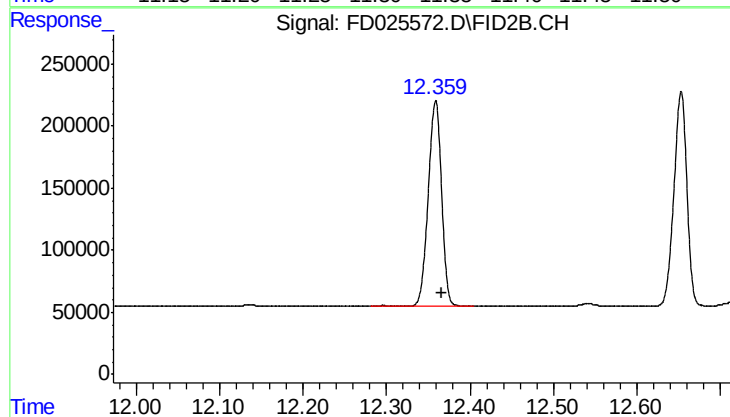
#10 Anthracene (C19.43)

R.T.: 10.628 min
Delta R.T.: -0.006 min
Response: 1731381
Conc: 18.25 ug/ml



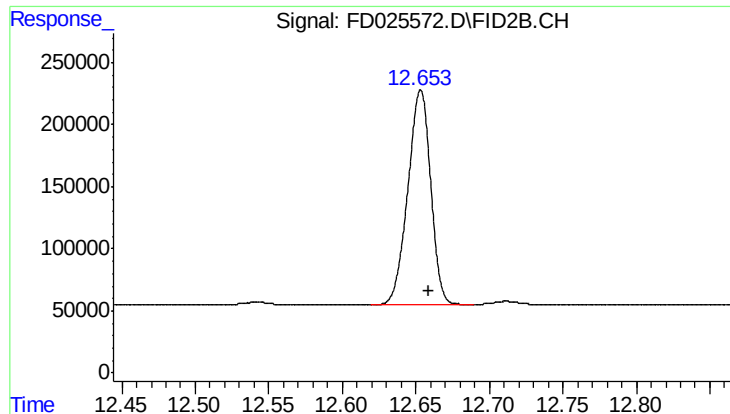
#11 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 1724492
Conc: 18.40 ug/ml



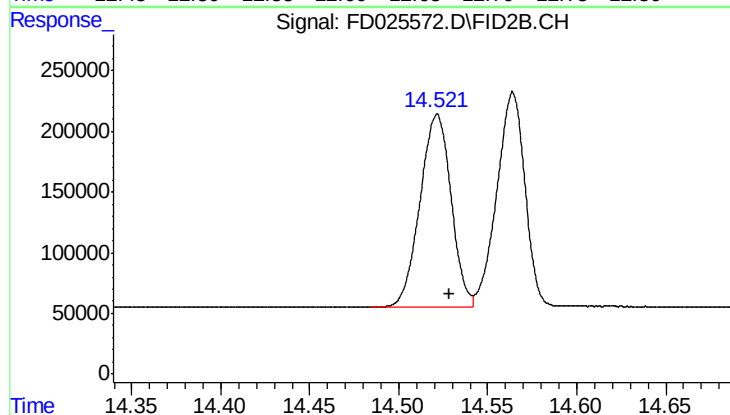
#12 Fluoranthene (C21.85)

R.T.: 12.359 min
Delta R.T.: -0.007 min
Response: 1836451
Conc: 19.14 ug/ml



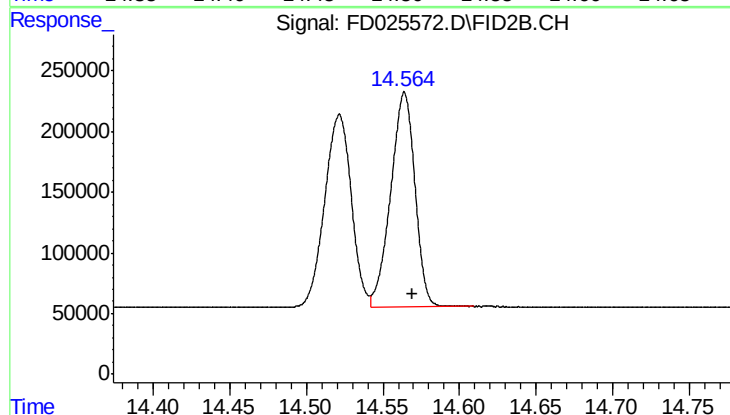
#13 Pyrene (C20.8)

R.T.: 12.653 min
Delta R.T.: -0.006 min
Response: 1863138
Conc: 19.47 ug/ml



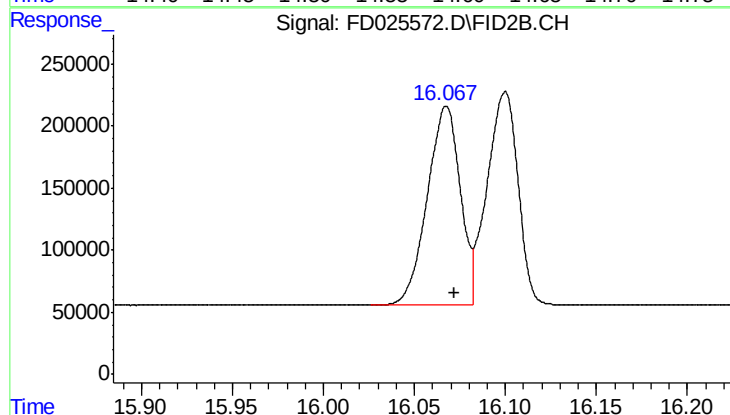
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.007 min
Response: 1923591
Conc: 21.49 ug/ml



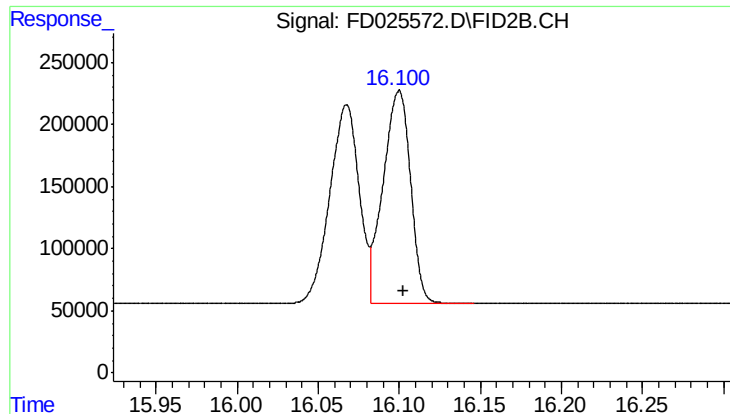
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: -0.005 min
Response: 1941289
Conc: 21.64 ug/ml



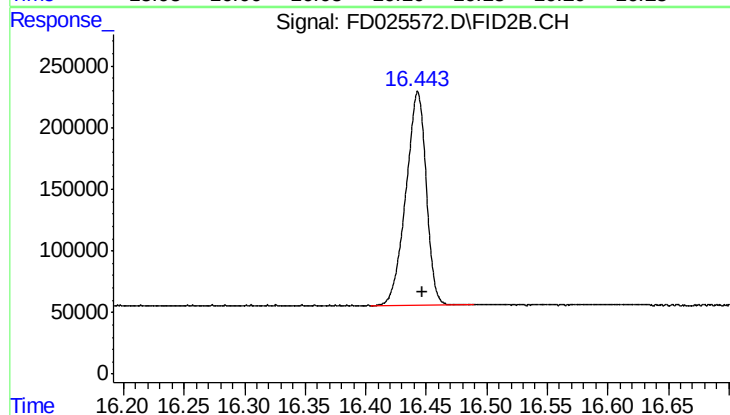
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.068 min
Delta R.T.: -0.005 min
Response: 2021891
Conc: 21.16 ug/ml



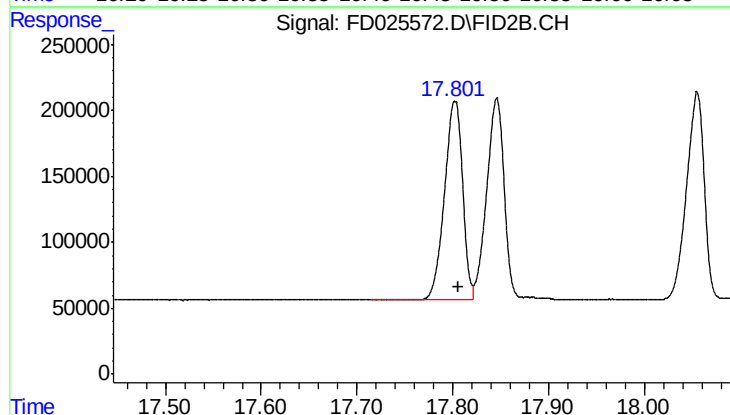
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.100 min
Delta R.T.: -0.003 min
Response: 2030241
Conc: 20.97 ug/ml



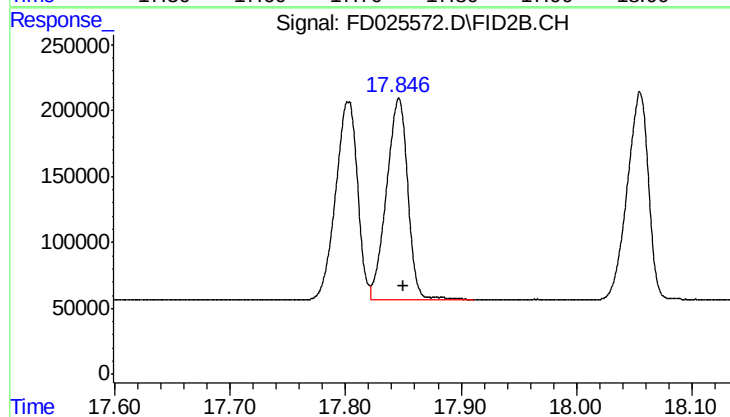
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.443 min
Delta R.T.: -0.004 min
Response: 2015498
Conc: 20.72 ug/ml



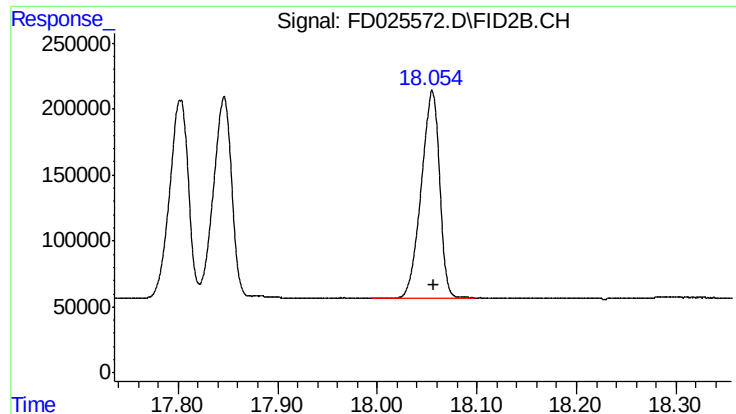
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.802 min
Delta R.T.: -0.003 min
Response: 1972895
Conc: 19.25 ug/ml



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

R.T.: 17.846 min
Delta R.T.: -0.004 min
Response: 1956522
Conc: 19.42 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.002 min
Response: 2001609
Conc: 19.35 ug/ml