

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072618AR\
 Data File : FD025215.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2018 16:09
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 27 04:06:25 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...	7.442	1429744	18.521 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
6) S 2-Fluorobiphenyl (SURR)	8.295	997021	18.543 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.09%
11) S ortho-Terphenyl (SURR)	11.340	1548475	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.242	1520009	19.462 ug/mlm
2) T Naphthalene (C11.7)	5.777	1648956	19.140 ug/ml
3) T 2-Methylnaphthalene (...)	6.828	1619765	18.839 ug/ml
5) T Acenaphthylene (C15.06)	8.099	1585782	18.670 ug/ml
7) T Acenaphthene (C15.5)	8.394	1655862	18.597 ug/ml
8) T Flouorene (C16.55)	9.174	1637970	18.391 ug/ml
9) T Phenanthrene (C19.36)	10.565	1642553	18.339 ug/ml
10) T Anthracene (C19.43)	10.639	1615138	18.342 ug/ml
12) T Fluoranthene (C21.85)	12.371	1644712	18.720 ug/ml
13) T Pyrene (C20.8)	12.666	1663154	18.925 ug/ml
14) T Benzo[a]anthracene (C...	14.535	1676414	20.100 ug/ml
15) T Chrysene (C27.41)	14.577	1695891	20.131 ug/ml
16) T benzo[b]fluoranthene ...	16.081	1785258	19.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	1785047	19.826 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	1787760	19.423 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	1796414	19.041 ug/mlm
20) T Dibenz[a,h]anthracene...	17.862	1797042	19.637 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	1828464	18.875 ug/ml

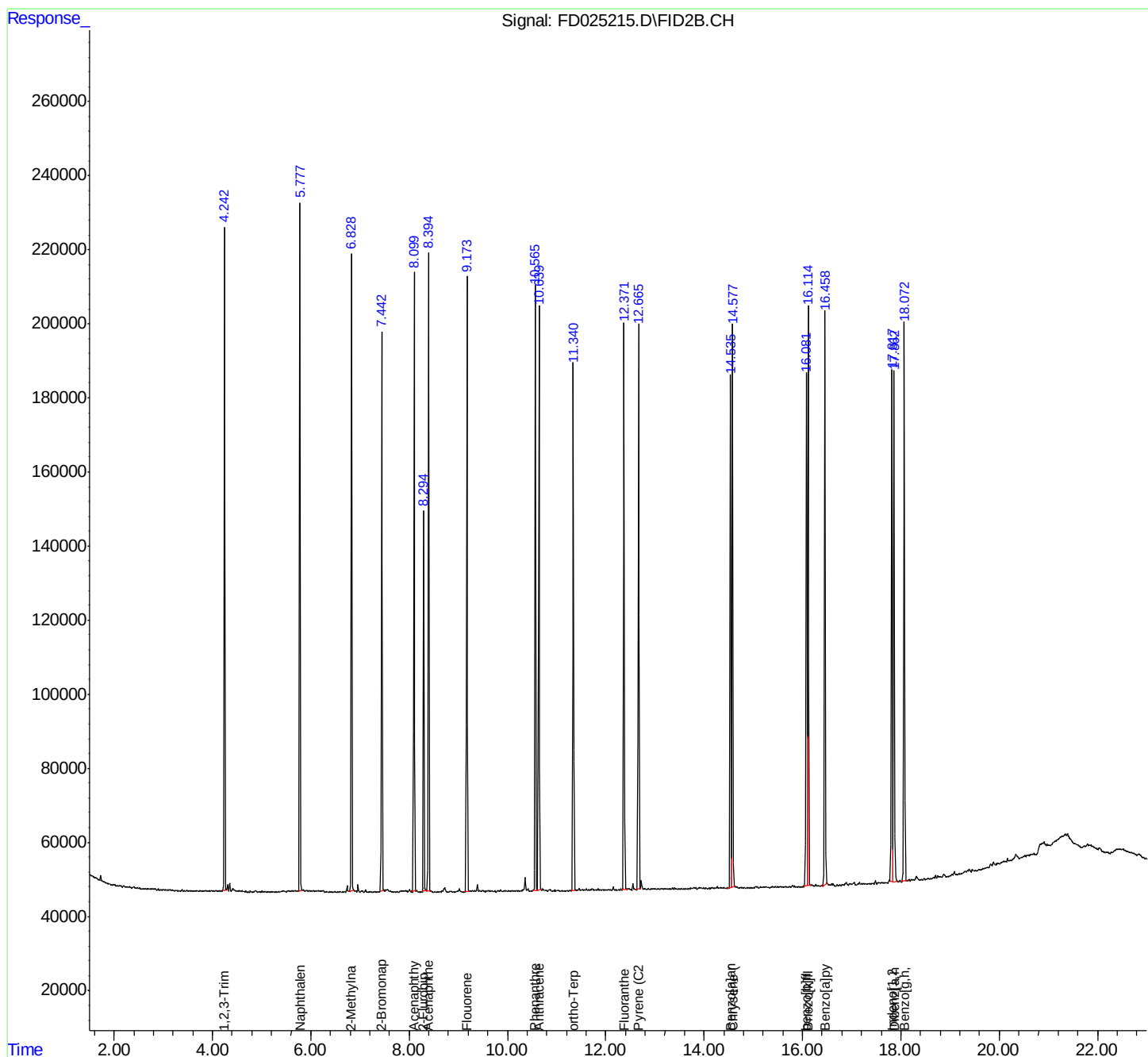
(f)=RT Delta > 1/2 Window

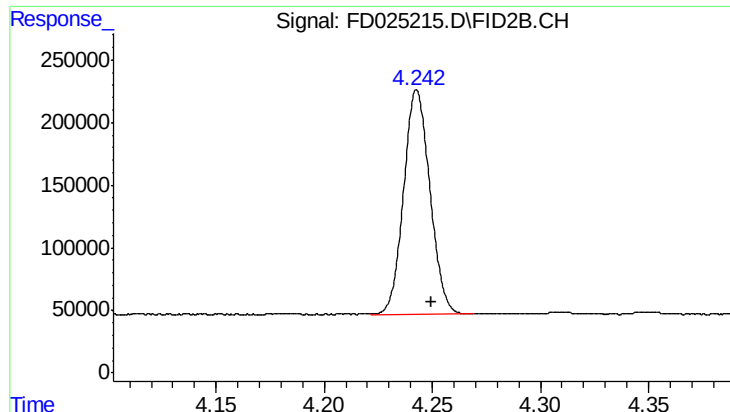
(m)=manual int.

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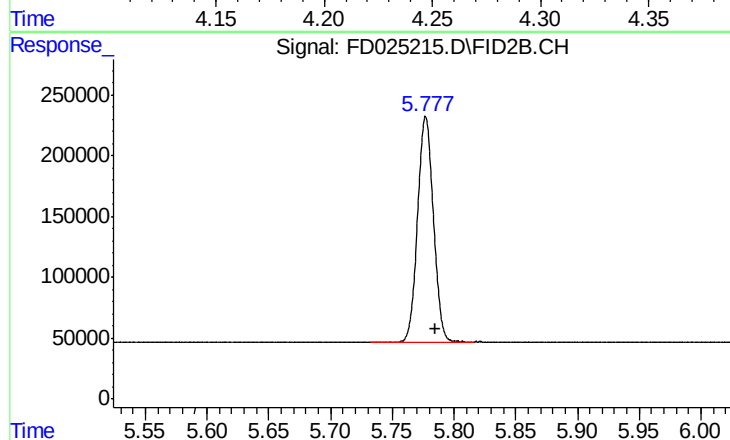
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Signal Info : 20M x 0.18mm x 0.18µm





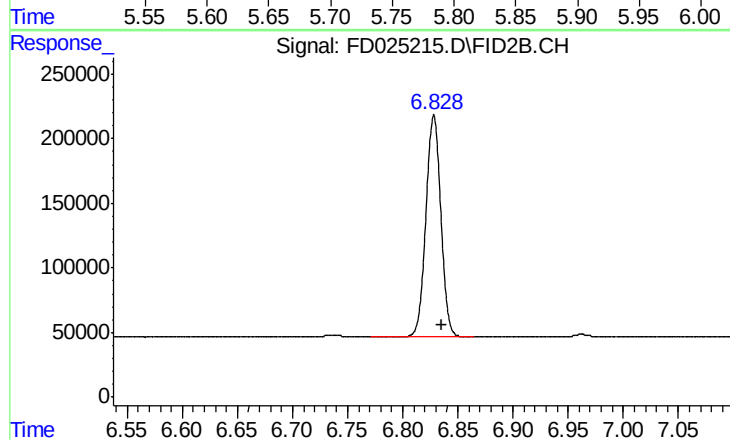
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.242 min
Delta R.T.: -0.007 min
Response: 1520009
Conc: 19.46 ug/ml m



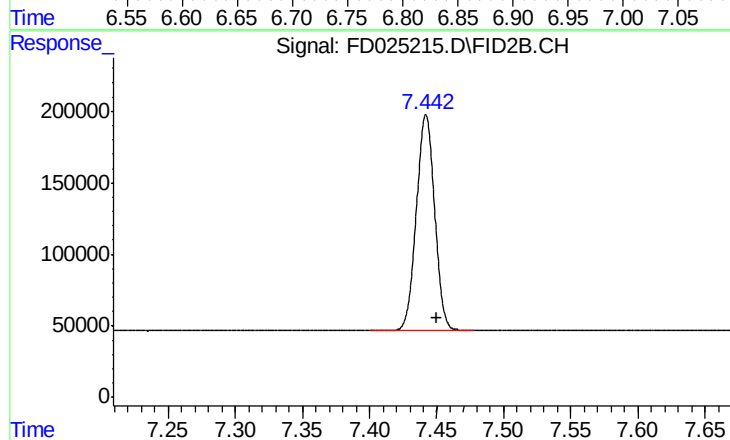
#2 Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 1648956
Conc: 19.14 ug/ml



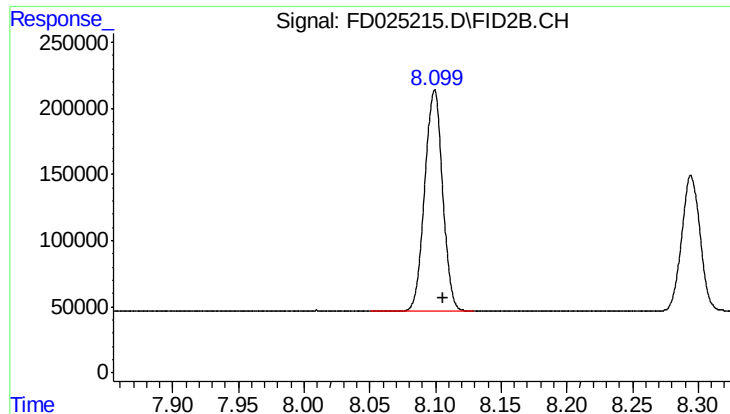
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 1619765
Conc: 18.84 ug/ml



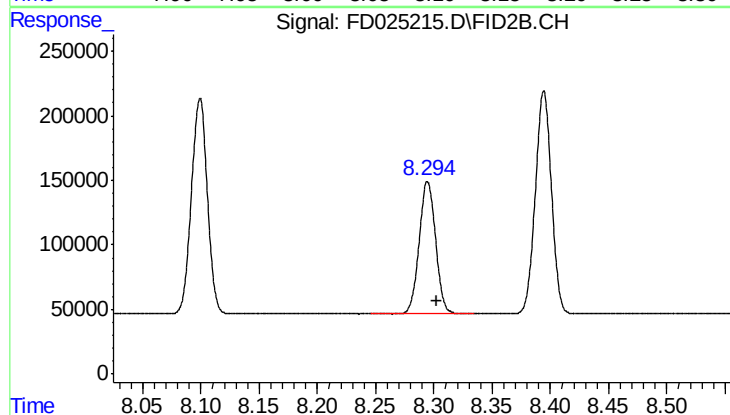
#4 2-Bromonaphthalene (SURR)

R.T.: 7.442 min
Delta R.T.: -0.007 min
Response: 1429744
Conc: 18.52 ug/ml



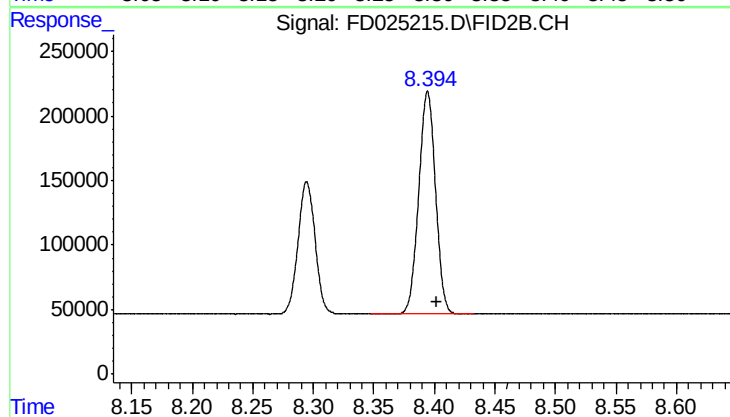
#5 Acenaphthylene (C15.06)

R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 1585782
Conc: 18.67 ug/ml



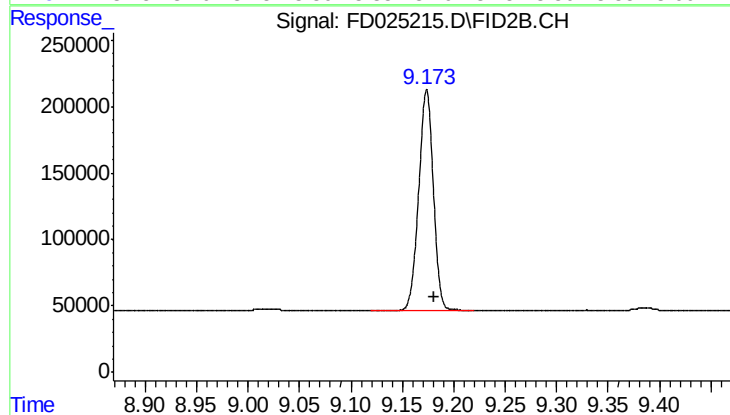
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.295 min
Delta R.T.: -0.008 min
Response: 997021
Conc: 18.54 ug/ml



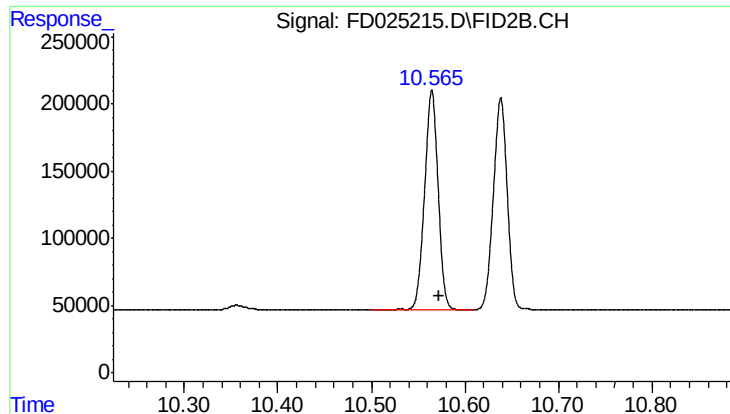
#7 Acenaphthene (C15.5)

R.T.: 8.394 min
Delta R.T.: -0.008 min
Response: 1655862
Conc: 18.60 ug/ml



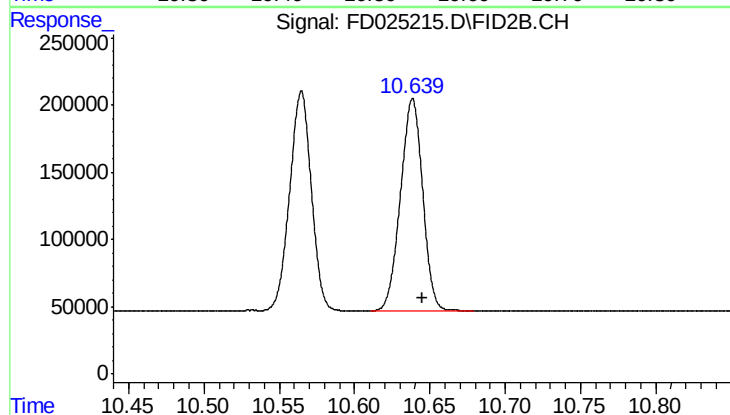
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.007 min
Response: 1637970
Conc: 18.39 ug/ml



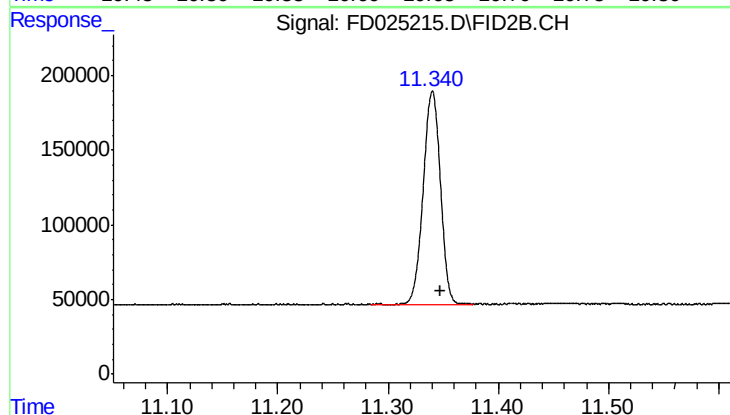
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.007 min
Response: 1642553
Conc: 18.34 ug/ml



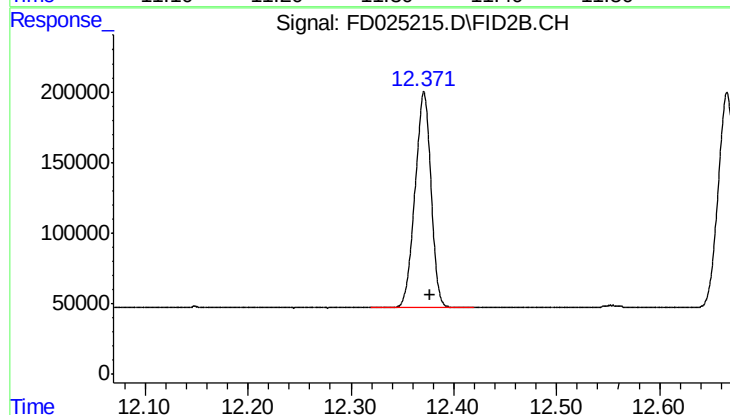
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 1615138
Conc: 18.34 ug/ml



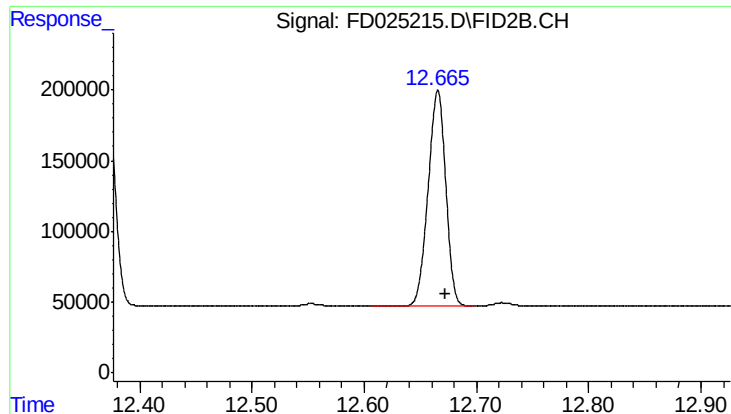
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 1548475
Conc: 18.25 ug/ml



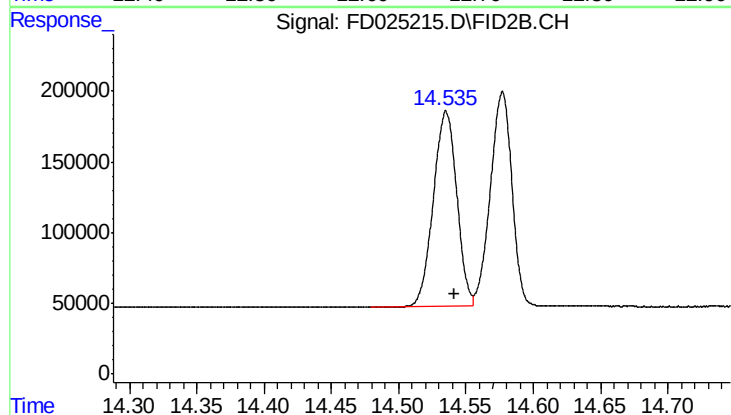
#12 Fluoranthene (C21.85)

R.T.: 12.371 min
Delta R.T.: -0.006 min
Response: 1644712
Conc: 18.72 ug/ml



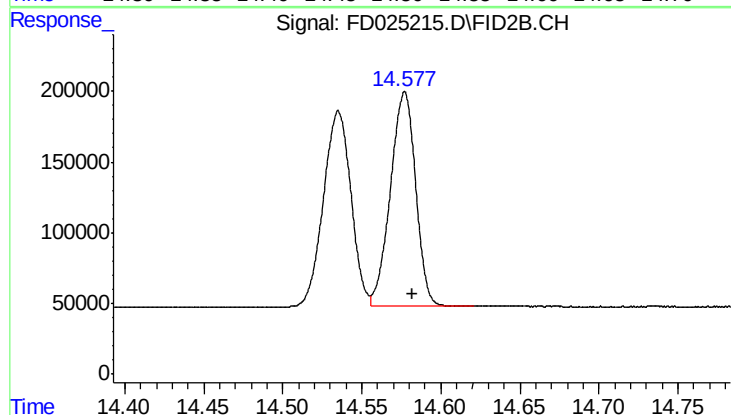
#13 Pyrene (C20.8)

R.T.: 12.666 min
Delta R.T.: -0.006 min
Response: 1663154
Conc: 18.93 ug/ml



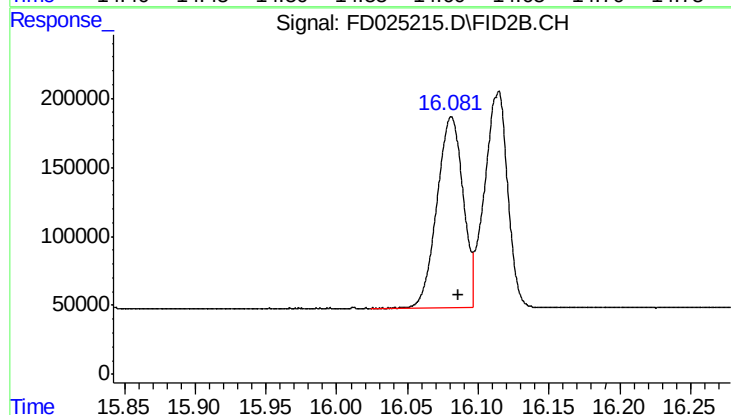
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.006 min
Response: 1676414
Conc: 20.10 ug/ml



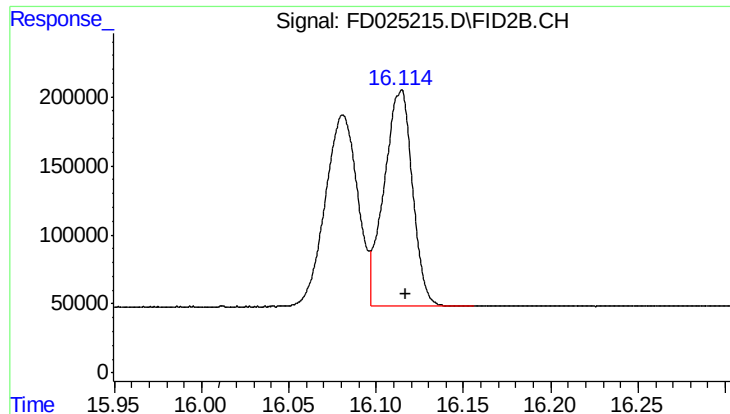
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.005 min
Response: 1695891
Conc: 20.13 ug/ml



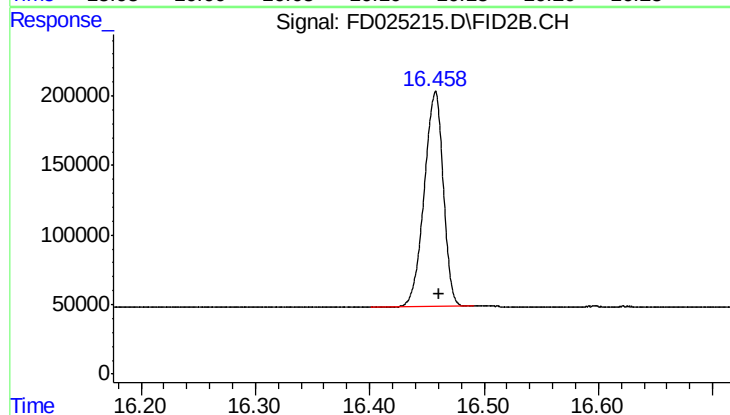
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.081 min
Delta R.T.: -0.005 min
Response: 1785258
Conc: 19.84 ug/ml



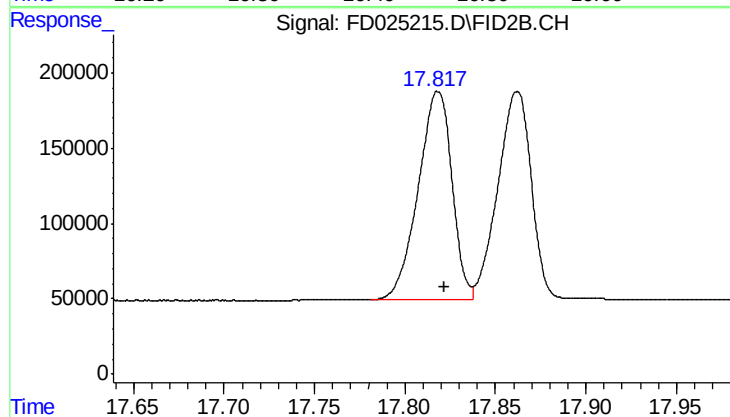
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.114 min
Delta R.T.: -0.003 min
Response: 1785047
Conc: 19.83 ug/ml



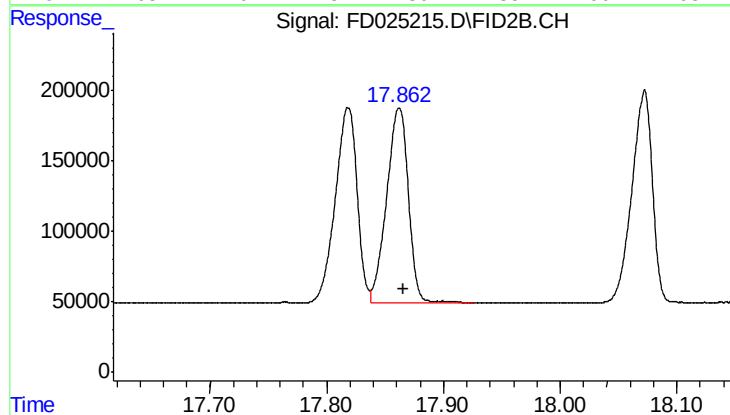
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: -0.003 min
Response: 1787760
Conc: 19.42 ug/ml



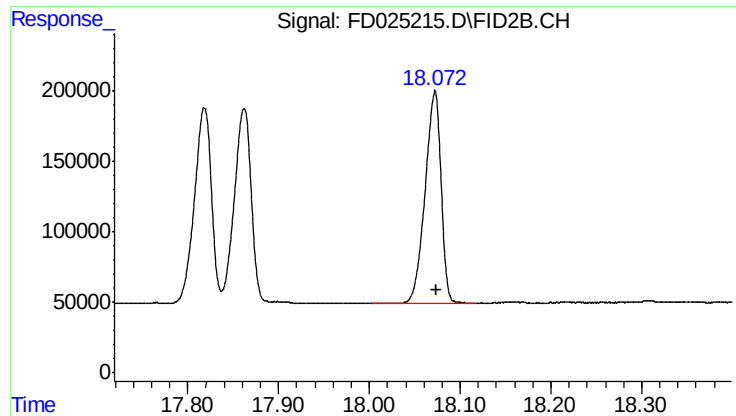
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: -0.005 min
Response: 1796414
Conc: 19.04 ug/ml m



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

R.T.: 17.862 min
Delta R.T.: -0.004 min
Response: 1797042
Conc: 19.64 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.001 min
Response: 1828464
Conc: 18.87 ug/ml