

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091418AR\
 Data File : FD025577.D
 Signal(s) : FID2B.CH
 Acq On : 14 Sep 2018 19:59
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 10:23:25 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	1582353	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
6) S 2-Fluorobiphenyl (SURR)	8.285	1081388	19.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.09%
11) S ortho-Terphenyl (SURR)	11.329	1714416	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.234	1681116	21.395 ug/ml
2) T Naphthalene (C11.7)	5.768	1804508	20.632 ug/ml
3) T 2-Methylnaphthalene (...)	6.819	1776412	20.035 ug/ml
5) T Acenaphthylene (C15.06)	8.090	1716833	19.260 ug/ml
7) T Acenaphthene (C15.5)	8.385	1795117	19.191 ug/ml
8) T Flouorene (C16.55)	9.163	1765810	18.453 ug/ml
9) T Phenanthrene (C19.36)	10.553	1770300	18.330 ug/ml
10) T Anthracene (C19.43)	10.627	1733855	18.271 ug/ml
12) T Fluoranthene (C21.85)	12.359	1836581	19.144 ug/ml
13) T Pyrene (C20.8)	12.654	1865955	19.501 ug/ml
14) T Benzo[a]anthracene (C...	14.523	1930682	21.573 ug/ml
15) T Chrysene (C27.41)	14.565	1948987	21.724 ug/ml
16) T benzo[b]fluoranthene ...	16.067	2043211	21.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.101	2041438	21.082 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	2033030	20.897 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.804	1991583	19.428 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	1945018	19.308 ug/ml
21) T Benzo[g,h,i]perylene ...	18.056	2035463	19.675 ug/ml

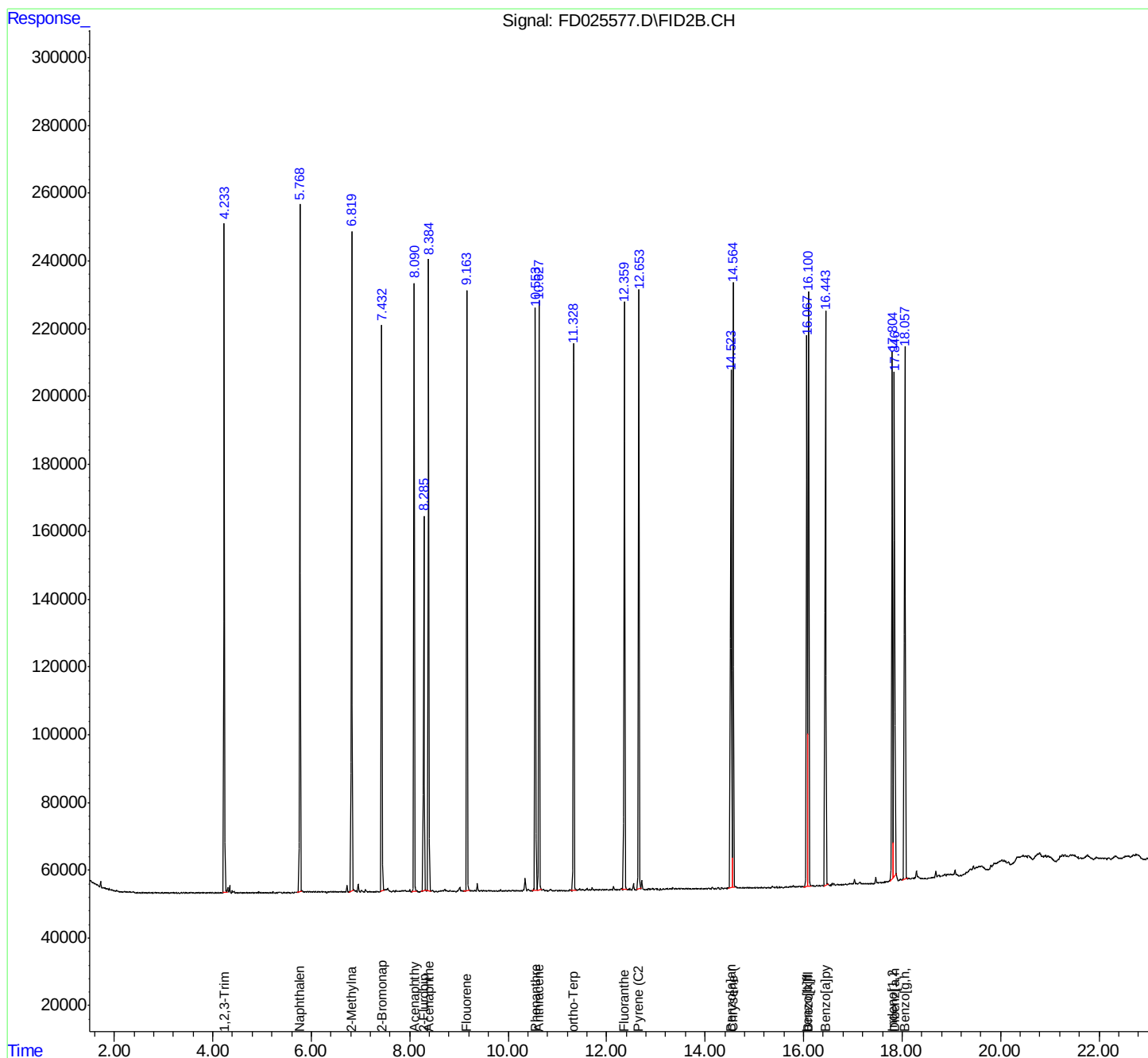
(f)=RT Delta > 1/2 Window

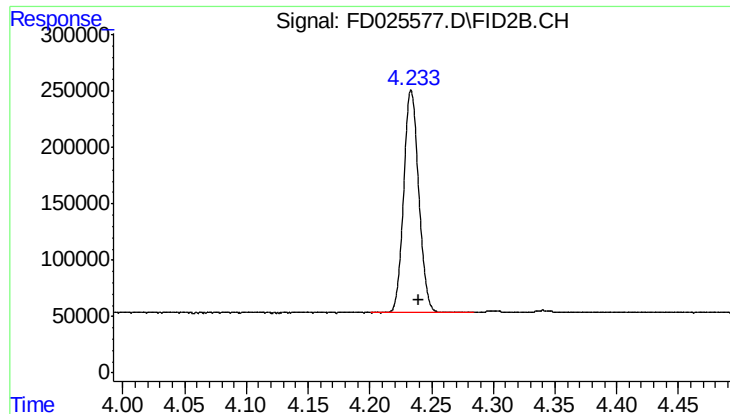
(m)=manual int.

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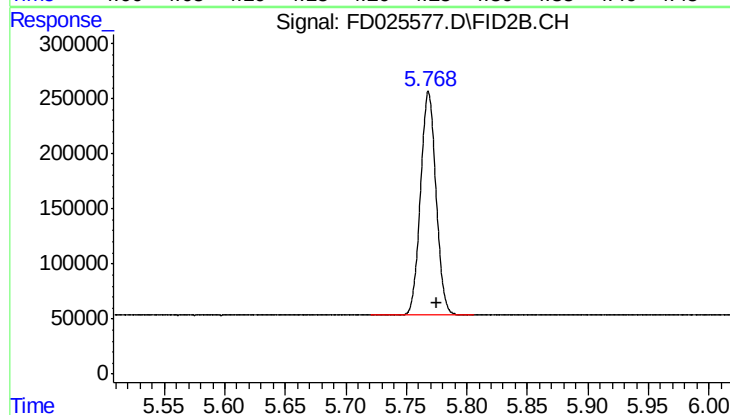
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Signal Info : 20M x 0.18mm x 0.18µm





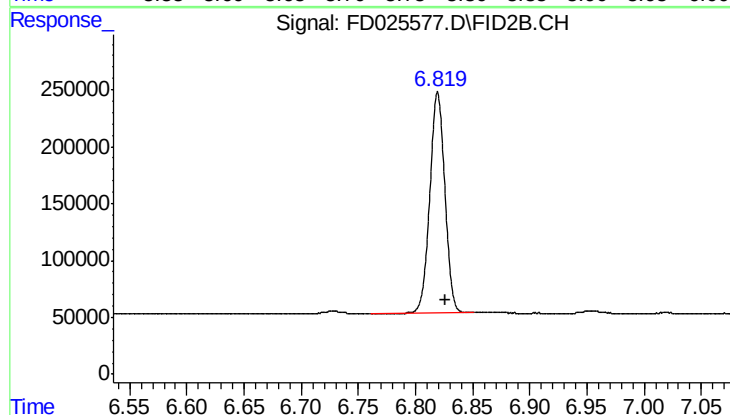
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 1681116
Conc: 21.39 ug/ml



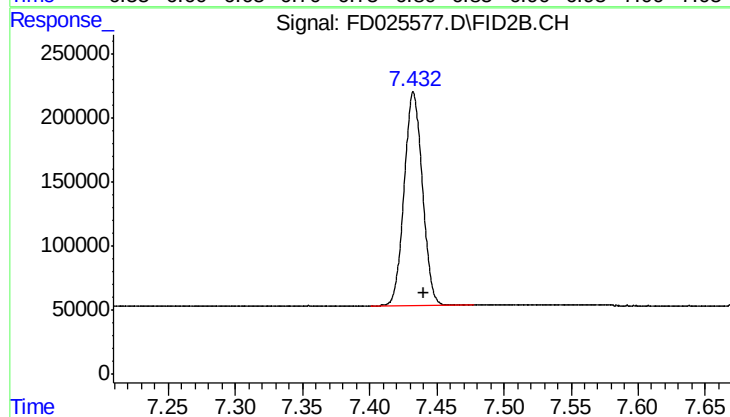
#2 Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: -0.007 min
Response: 1804508
Conc: 20.63 ug/ml



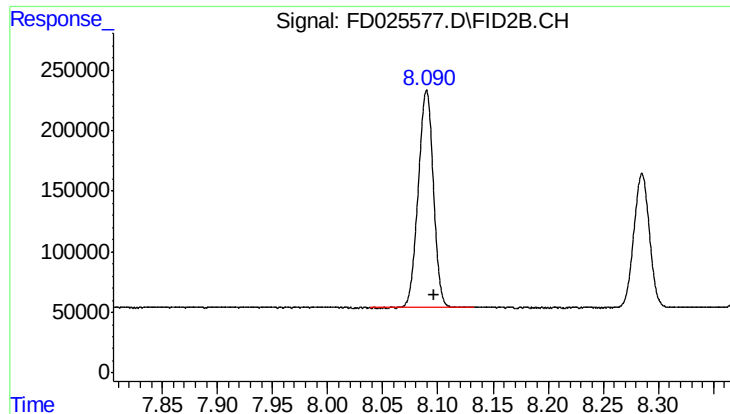
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: -0.007 min
Response: 1776412
Conc: 20.03 ug/ml



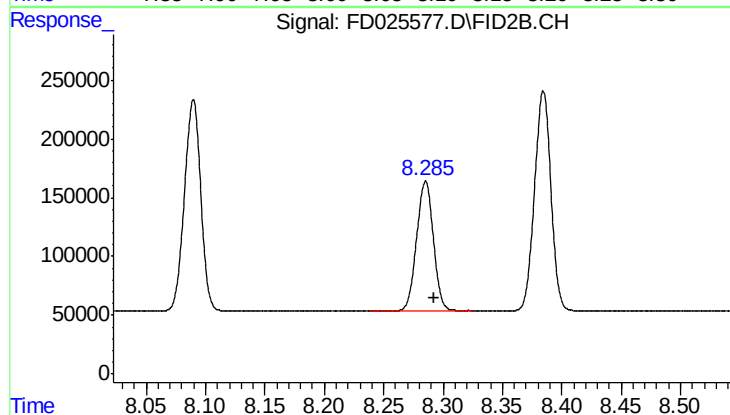
#4 2-Bromonaphthalene (SURR)

R.T.: 7.433 min
Delta R.T.: -0.008 min
Response: 1582353
Conc: 19.63 ug/ml



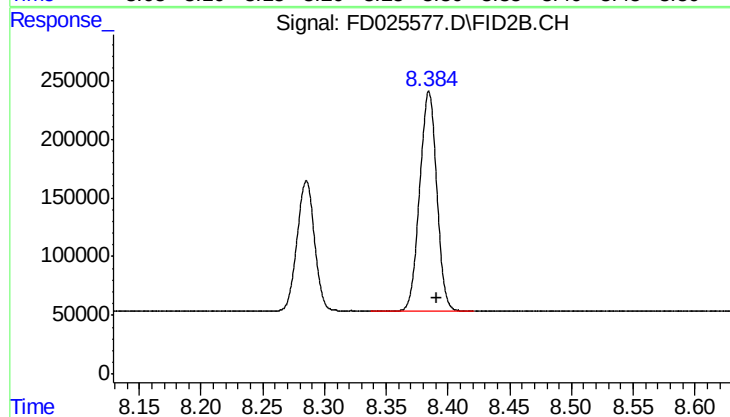
#5 Acenaphthylene (C15.06)

R.T.: 8.090 min
Delta R.T.: -0.006 min
Response: 1716833
Conc: 19.26 ug/ml



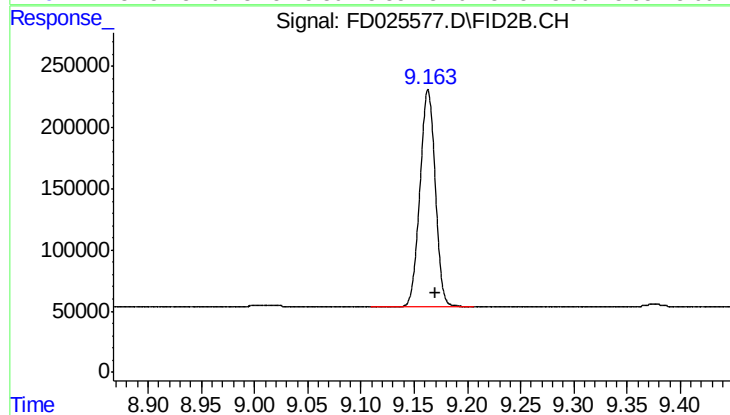
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.285 min
Delta R.T.: -0.007 min
Response: 1081388
Conc: 19.04 ug/ml



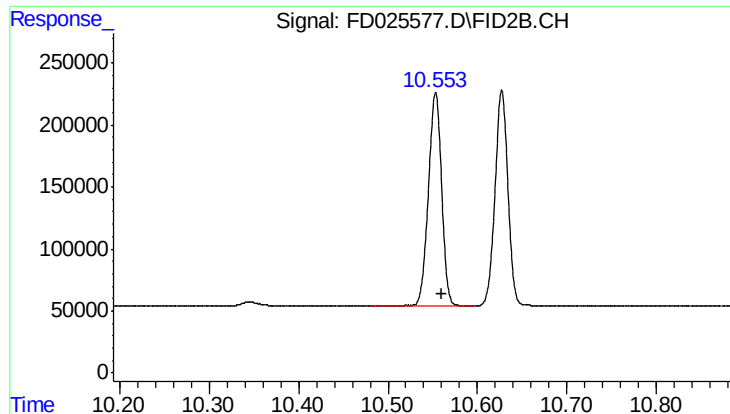
#7 Acenaphthene (C15.5)

R.T.: 8.385 min
Delta R.T.: -0.006 min
Response: 1795117
Conc: 19.19 ug/ml



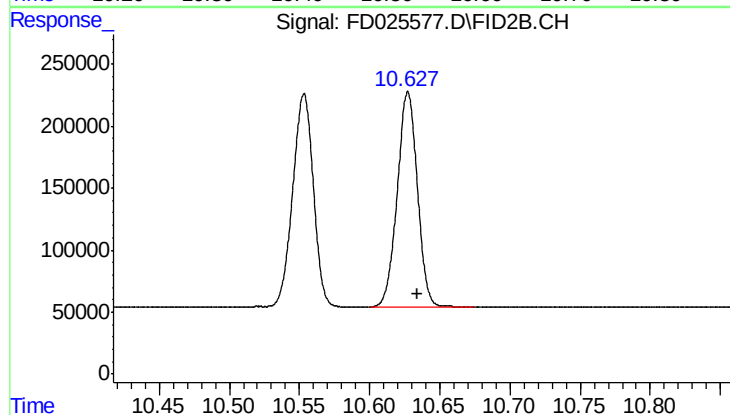
#8 Fluorene (C16.55)

R.T.: 9.163 min
Delta R.T.: -0.006 min
Response: 1765810
Conc: 18.45 ug/ml



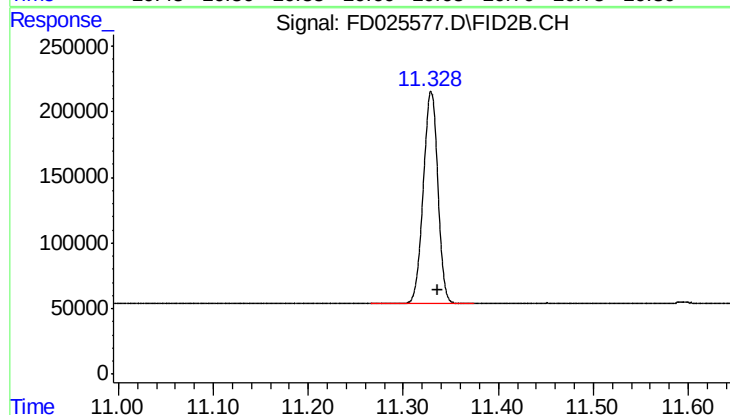
#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.007 min
Response: 1770300
Conc: 18.33 ug/ml



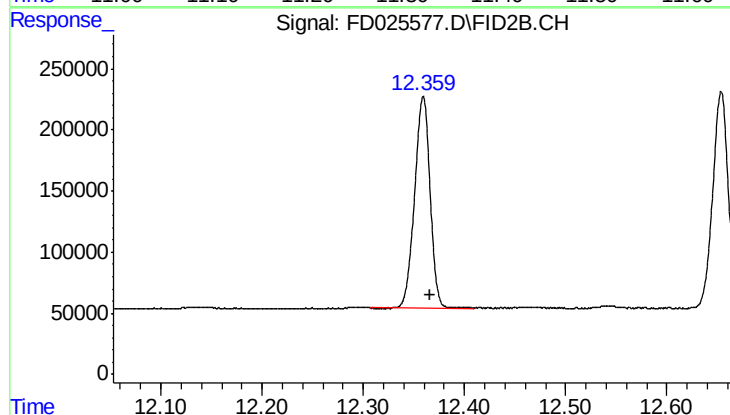
#10 Anthracene (C19.43)

R.T.: 10.627 min
Delta R.T.: -0.006 min
Response: 1733855
Conc: 18.27 ug/ml



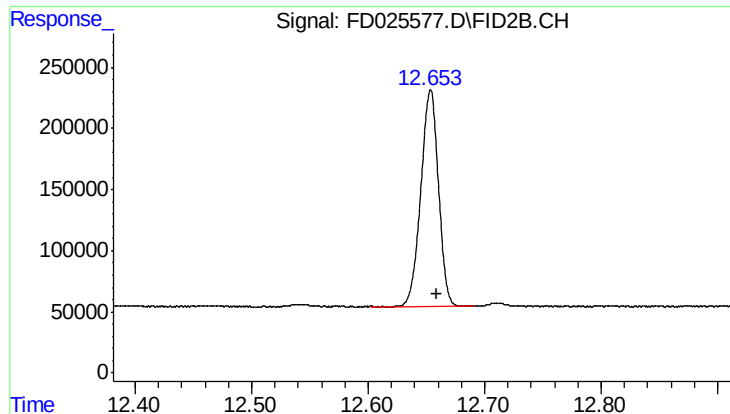
#11 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 1714416
Conc: 18.29 ug/ml



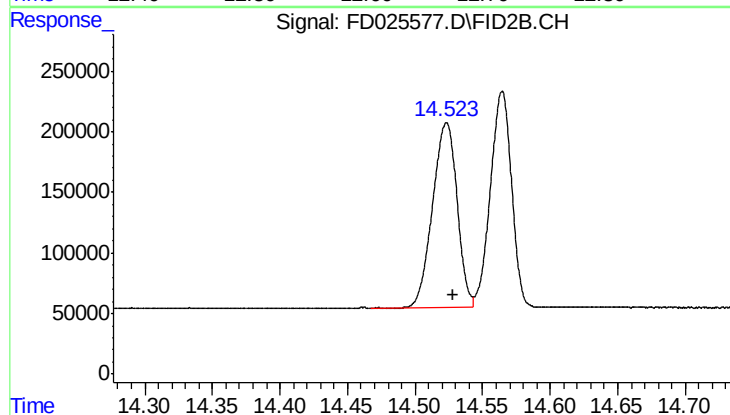
#12 Fluoranthene (C21.85)

R.T.: 12.359 min
Delta R.T.: -0.006 min
Response: 1836581
Conc: 19.14 ug/ml



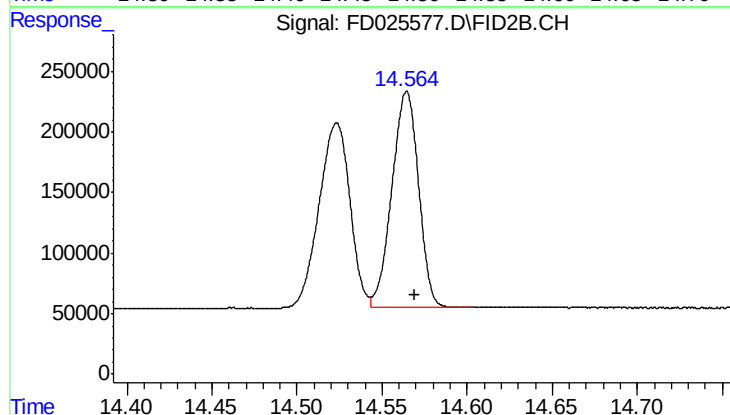
#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.005 min
Response: 1865955
Conc: 19.50 ug/ml



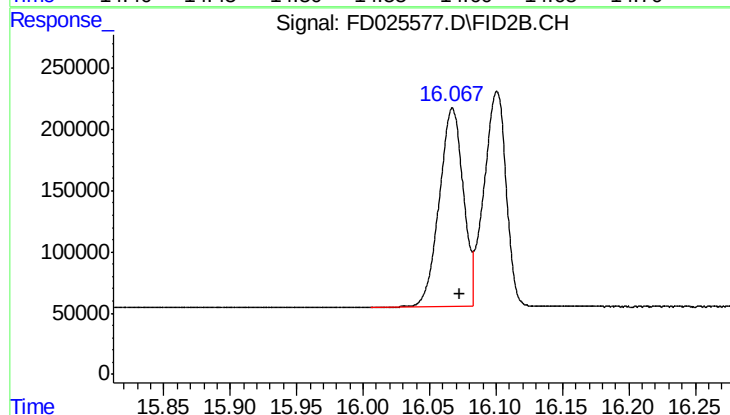
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: -0.005 min
Response: 1930682
Conc: 21.57 ug/ml



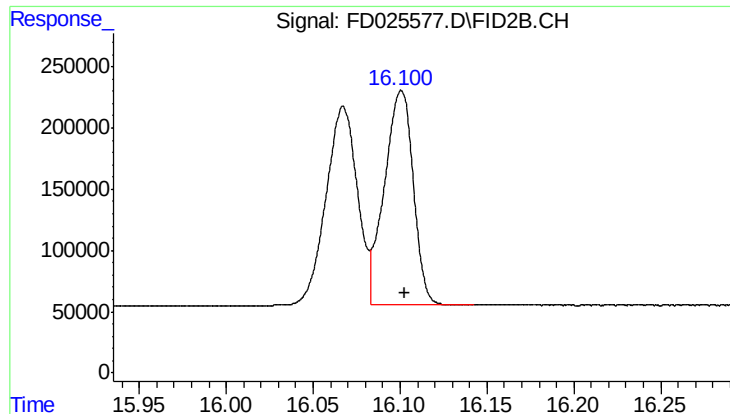
#15 Chrysene (C27.41)

R.T.: 14.565 min
Delta R.T.: -0.005 min
Response: 1948987
Conc: 21.72 ug/ml



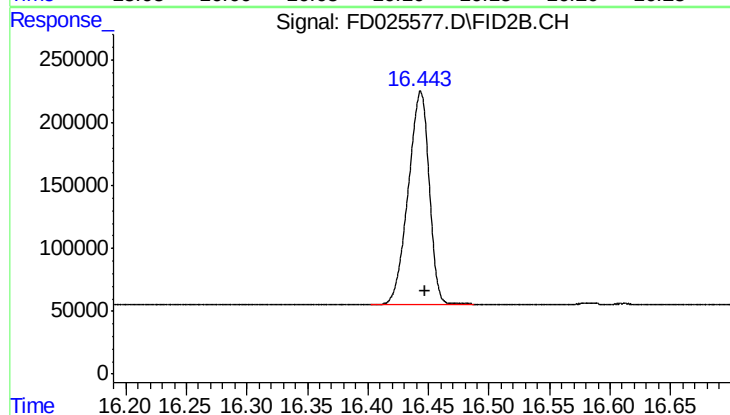
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.067 min
Delta R.T.: -0.005 min
Response: 2043211
Conc: 21.38 ug/ml



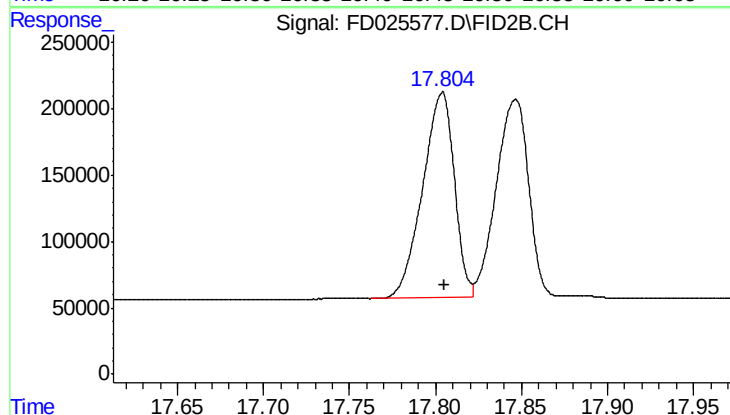
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.101 min
Delta R.T.: -0.002 min
Response: 2041438
Conc: 21.08 ug/ml



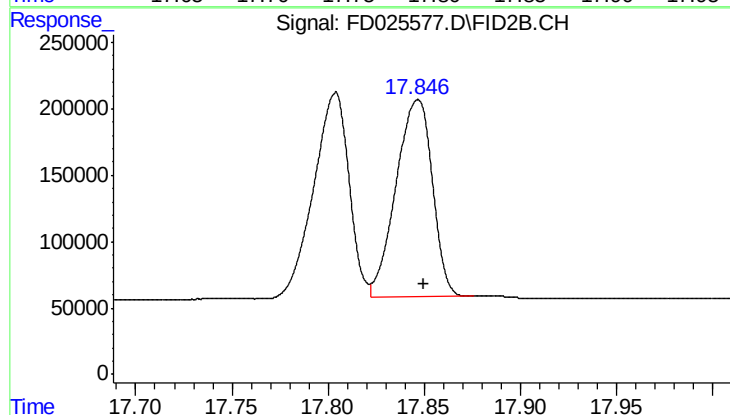
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: -0.004 min
Response: 2033030
Conc: 20.90 ug/ml



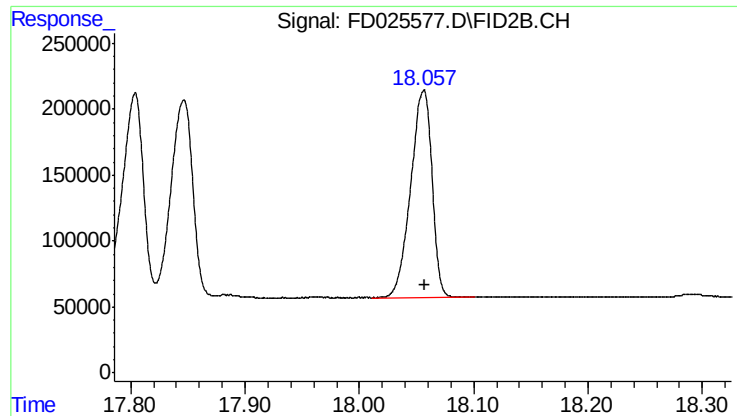
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.804 min
Delta R.T.: -0.001 min
Response: 1991583
Conc: 19.43 ug/ml



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

R.T.: 17.847 min
Delta R.T.: -0.003 min
Response: 1945018
Conc: 19.31 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.000 min
Response: 2035463
Conc: 19.67 ug/ml