

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD090418AR\
 Data File : FD025561.D
 Signal(s) : FID2B.CH
 Acq On : 05 Sep 2018 11:59
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 05 12:23:24 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...	7.436	1617007	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
6) S 2-Fluorobiphenyl (SURR)	8.288	1098347	19.342 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.68%
11) S ortho-Terphenyl (SURR)	11.332	1720763	18.357 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	1703846	21.684 ug/ml
2) T Naphthalene (C11.7)	5.771	1849412	21.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	1819828	20.524 ug/ml
5) T Acenaphthylene (C15.06)	8.092	1744755	19.573 ug/ml
7) T Acenaphthene (C15.5)	8.387	1819586	19.453 ug/ml
8) T Fluorene (C16.55)	9.166	1786182	18.666 ug/ml
9) T Phenanthrene (C19.36)	10.557	1775585	18.385 ug/ml
10) T Anthracene (C19.43)	10.631	1738328	18.319 ug/ml
12) T Fluoranthene (C21.85)	12.363	1840532	19.186 ug/ml
13) T Pyrene (C20.8)	12.656	1867728	19.520 ug/ml
14) T Benzo[alanthracene (C...	14.526	1952139	21.813 ug/ml
15) T Chrysene (C27.41)	14.568	1961953	21.869 ug/ml
16) T benzo[b]fluoranthene ...	16.073	2060292	21.560 ug/ml
17) T Benzo[k]fluoranthene ...	16.104	2061981	21.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	2052118	21.093 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	2026696	19.770 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	1988885	19.744 ug/ml
21) T Benzo[a,h,i]perylene ...	18.062	2062898	19.940 ug/ml

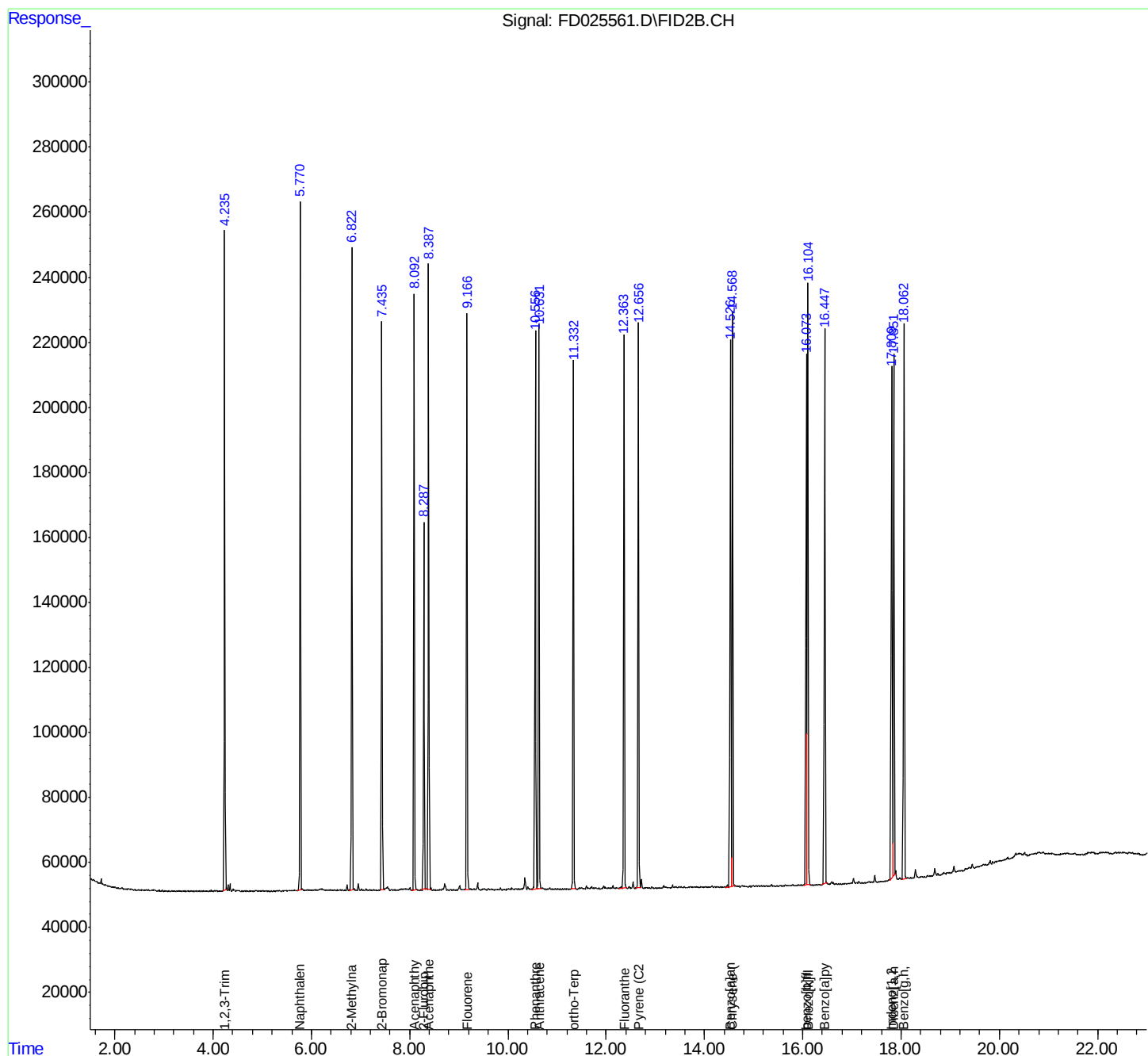
(f)=RT Delta > 1/2 Window

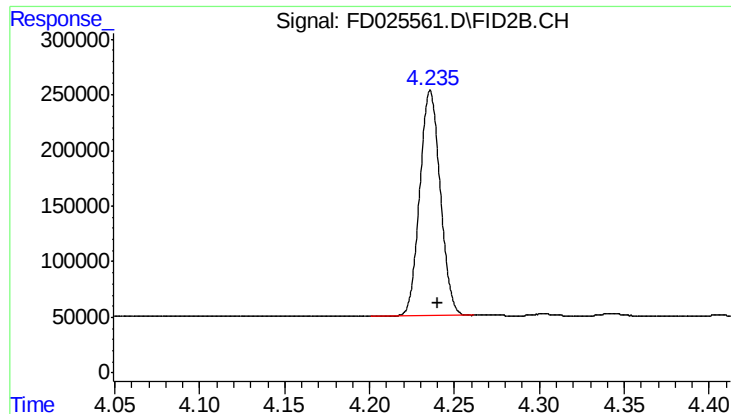
(m)=manual int.

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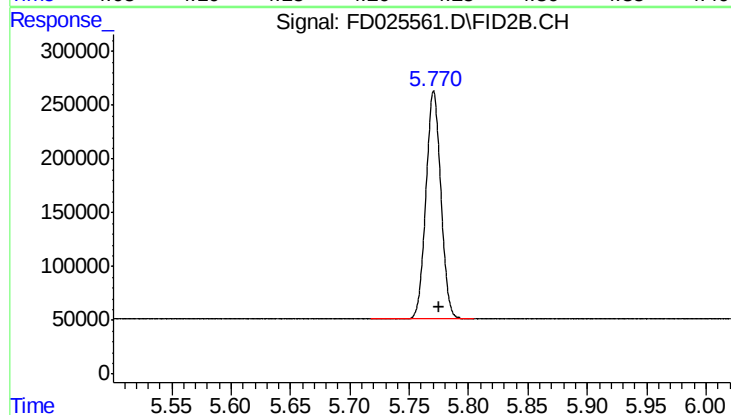
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Signal Info : 20M x 0.18mm x 0.18µm





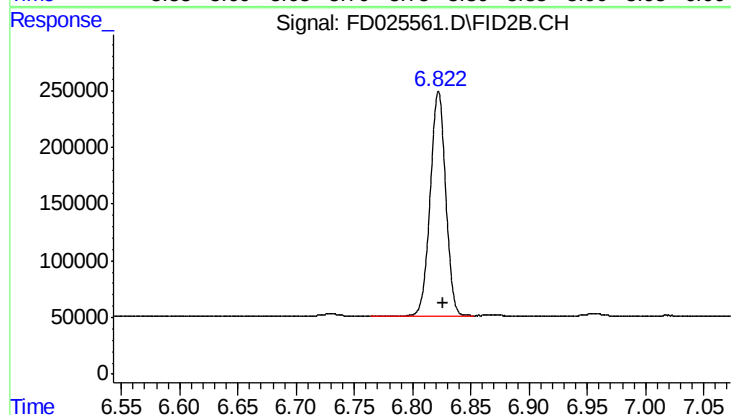
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.004 min
Response: 1703846
Conc: 21.68 ug/ml



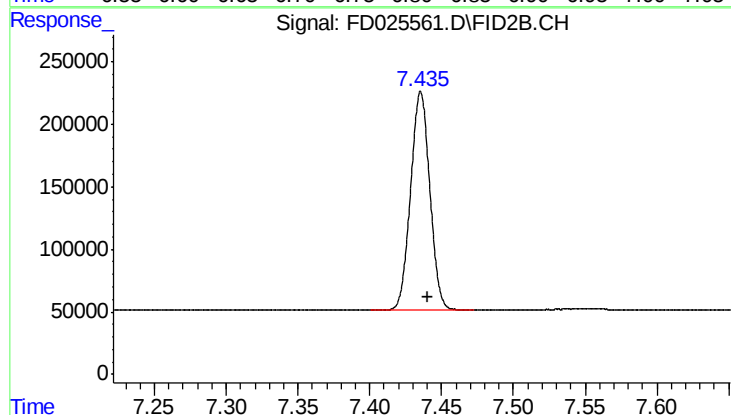
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 1849412
Conc: 21.15 ug/ml



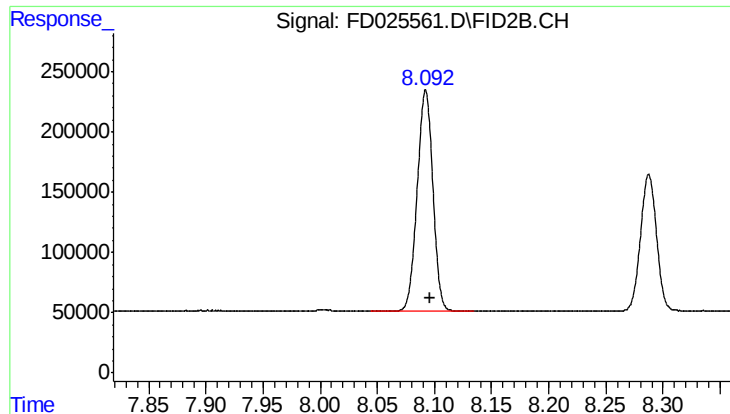
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 1819828
Conc: 20.52 ug/ml



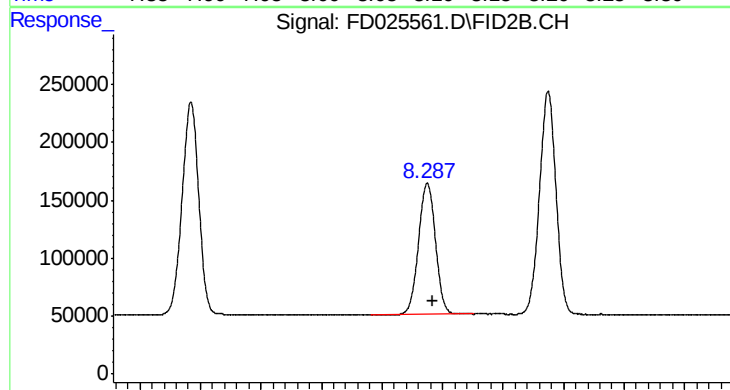
#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.005 min
Response: 1617007
Conc: 20.06 ug/ml



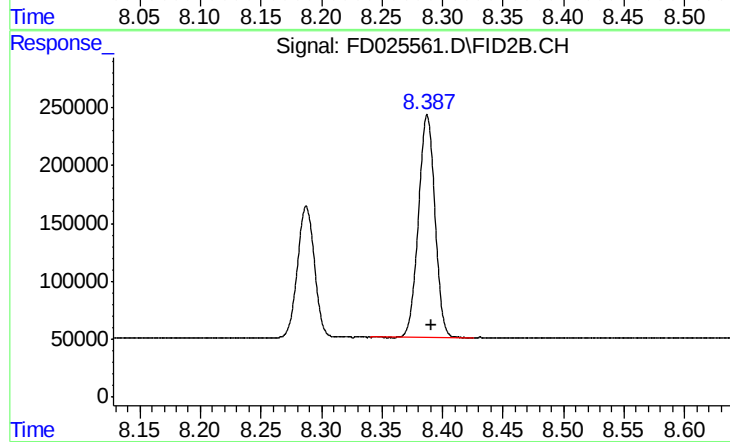
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 1744755
Conc: 19.57 ug/ml



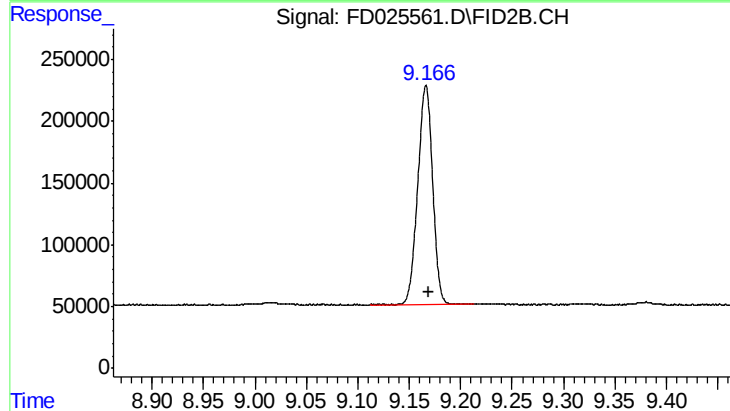
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.288 min
Delta R.T.: -0.005 min
Response: 1098347
Conc: 19.34 ug/ml



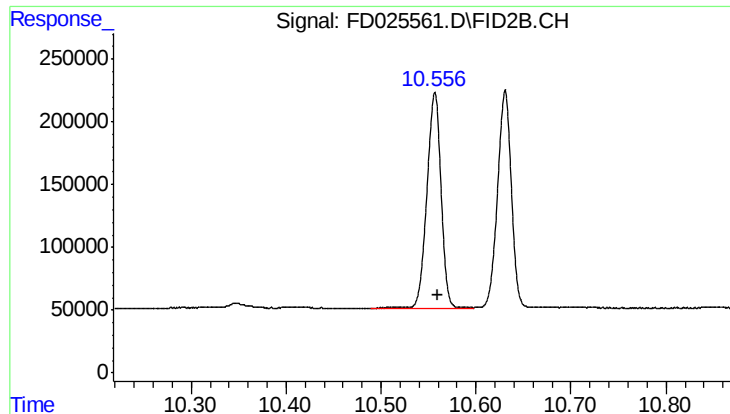
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 1819586
Conc: 19.45 ug/ml



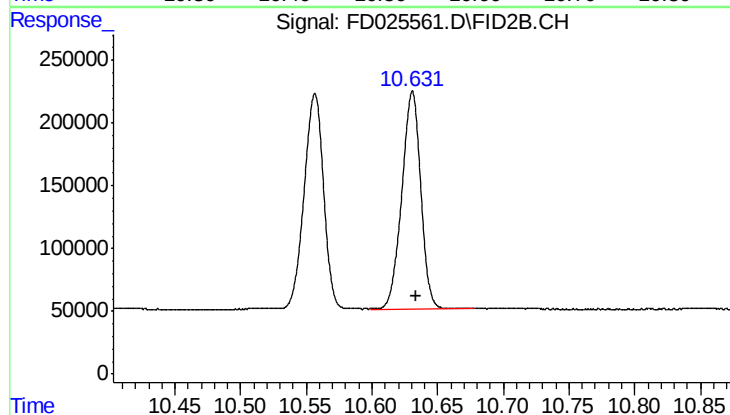
#8 Fluorene (C16.55)

R.T.: 9.166 min
Delta R.T.: -0.003 min
Response: 1786182
Conc: 18.67 ug/ml



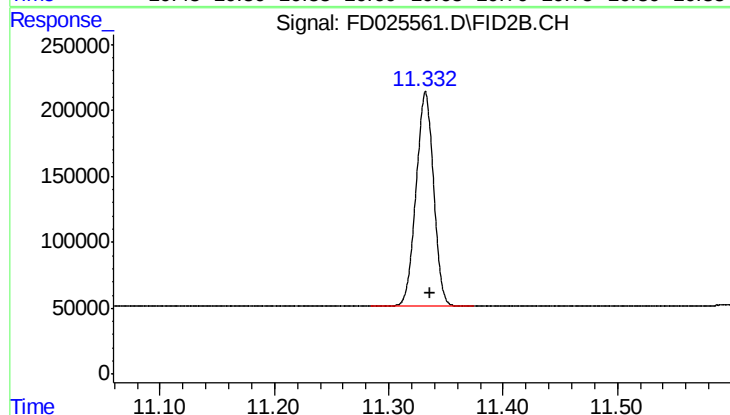
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: -0.003 min
Response: 1775585
Conc: 18.38 ug/ml



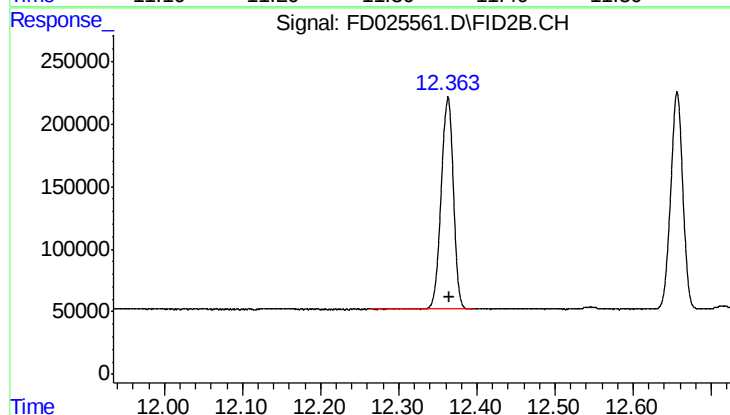
#10 Anthracene (C19.43)

R.T.: 10.631 min
Delta R.T.: -0.003 min
Response: 1738328
Conc: 18.32 ug/ml



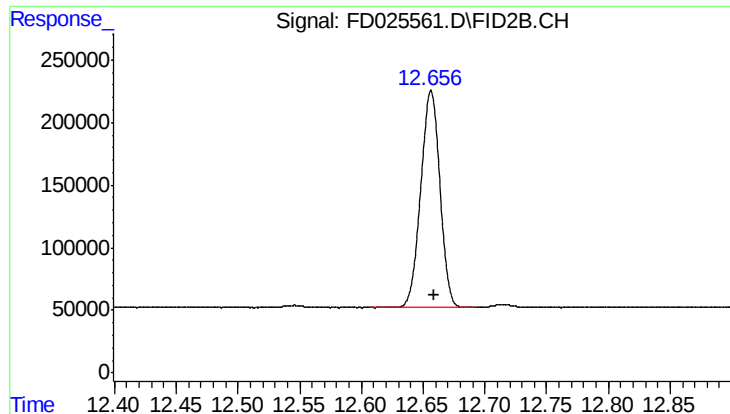
#11 ortho-Terphenyl (SURR)

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 1720763
Conc: 18.36 ug/ml



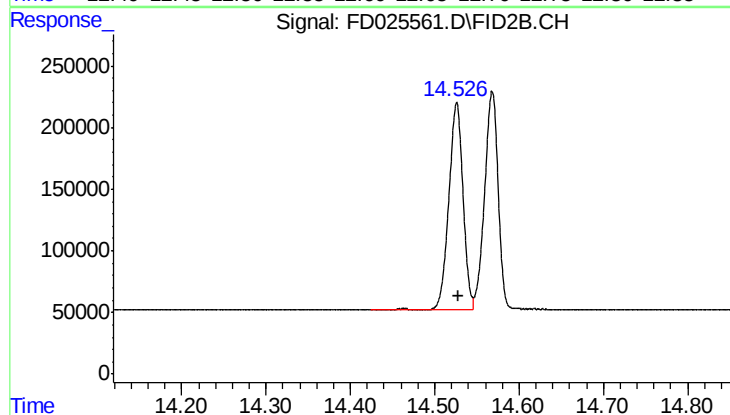
#12 Fluoranthene (C21.85)

R.T.: 12.363 min
Delta R.T.: -0.002 min
Response: 1840532
Conc: 19.19 ug/ml



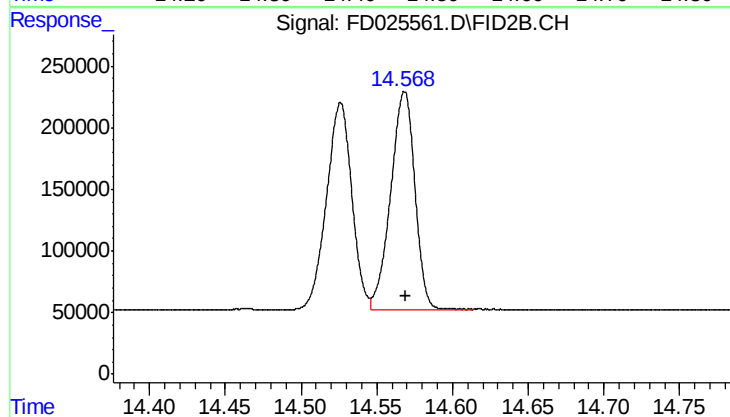
#13 Pyrene (C20.8)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 1867728
Conc: 19.52 ug/ml



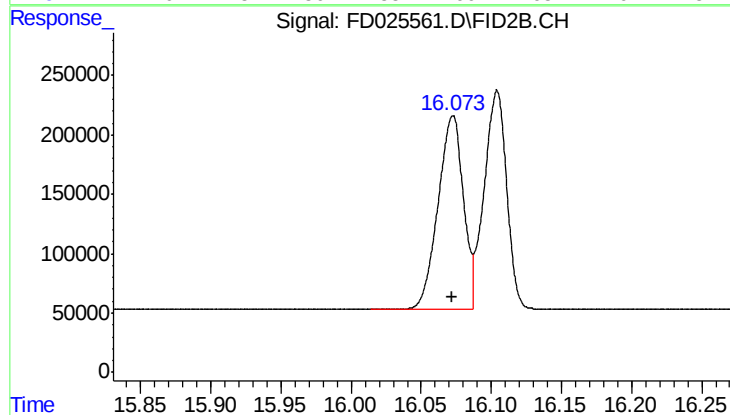
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.526 min
Delta R.T.: -0.002 min
Response: 1952139
Conc: 21.81 ug/ml



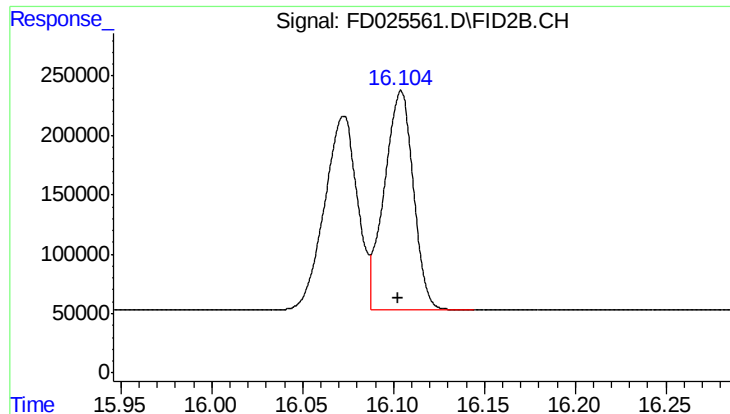
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.001 min
Response: 1961953
Conc: 21.87 ug/ml



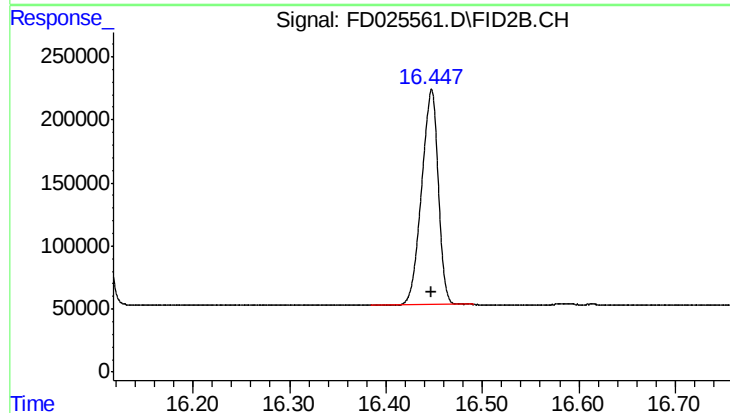
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.073 min
Delta R.T.: 0.000 min
Response: 2060292
Conc: 21.56 ug/ml



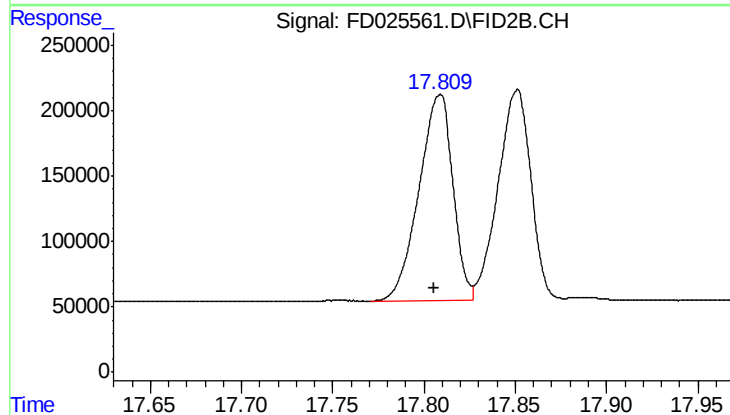
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.104 min
Delta R.T.: 0.001 min
Response: 2061981
Conc: 21.29 ug/ml



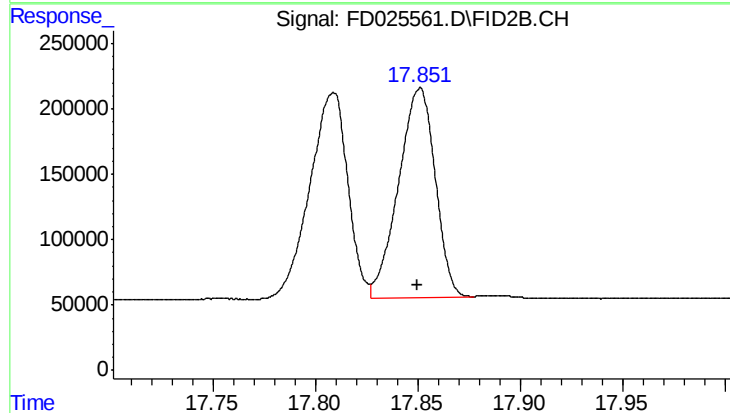
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 2052118
Conc: 21.09 ug/ml



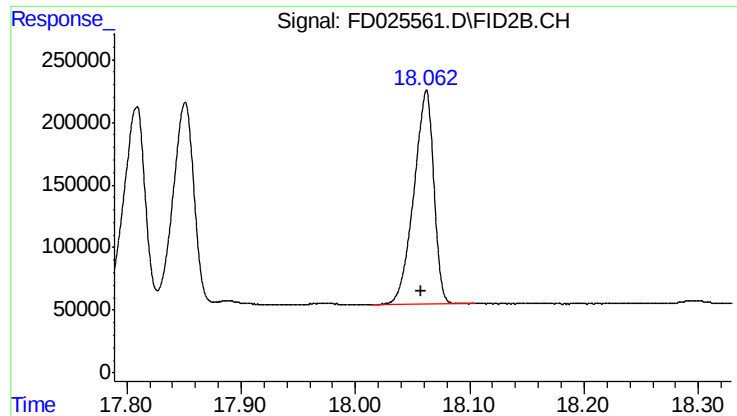
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: 0.003 min
Response: 2026696
Conc: 19.77 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.001 min
Response: 1988885
Conc: 19.74 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.005 min
Response: 2062898
Conc: 19.94 ug/ml