

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072018AR\
 Data File : FE028326.D
 Signal(s) : FID1B.CH
 Acq On : 20 Jul 2018 13:32
 Operator : AJ\SJ
 Sample : 50 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 17:22:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 20 17:21:59 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...	7.980	2138025	53.187 ug/ml
Spiked Amount 50.000		Recovery =	106.37%
6) S 2-Fluorobiphenyl (SURR)	8.863	1565675	53.113 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.23%
11) S ortho-Terphenyl (SURR)	11.926	2621919	51.686 ug/ml
Spiked Amount 50.000		Recovery =	103.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.739	2010832	51.329 ug/ml
2) T Naphthalene (C11.7)	6.305	2268059	52.934 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2376804	53.552 ug/ml
5) T Acenaphthylene (C15.06)	8.664	2421512	52.636 ug/ml
7) T Acenaphthene (C15.5)	8.963	2557852	52.430 ug/ml
8) T Flouorene (C16.55)	9.752	2601773	53.026 ug/ml
9) T Phenanthrene (C19.36)	11.167	2731957	52.178 ug/ml
10) T Anthracene (C19.43)	11.243	2676854	52.045 ug/ml
12) T Fluoranthene (C21.85)	13.001	2752992	51.433 ug/ml
13) T Pyrene (C20.8)	13.305	2719817	52.154 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2527116	51.285 ug/ml
15) T Chrysene (C27.41)	15.239	2586657	50.641 ug/ml
16) T benzo[b]fluoranthene ...	16.766	2586598	50.983 ug/ml
17) T Bnezo[k]fluoranthene ...	16.801	2623184	50.308 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.153	2642392	51.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.537	2746727	52.148 ug/ml
20) T Dibenz[a,h]anthracene...	18.570	2653624	49.465 ug/ml
21) T Benzo[g,h,i]perylene ...	18.799	2723843	50.644 ug/ml

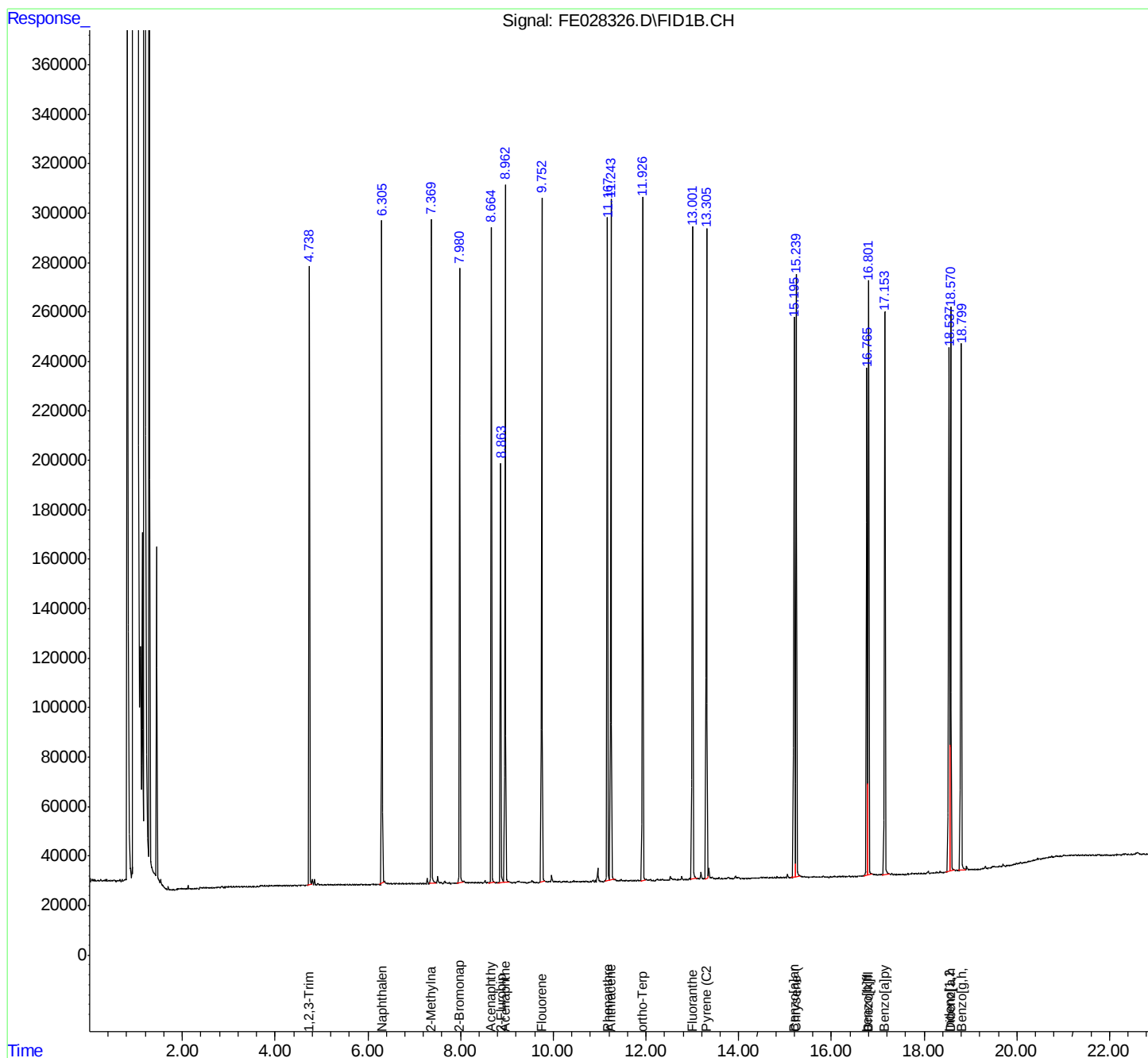
(f)=RT Delta > 1/2 Window

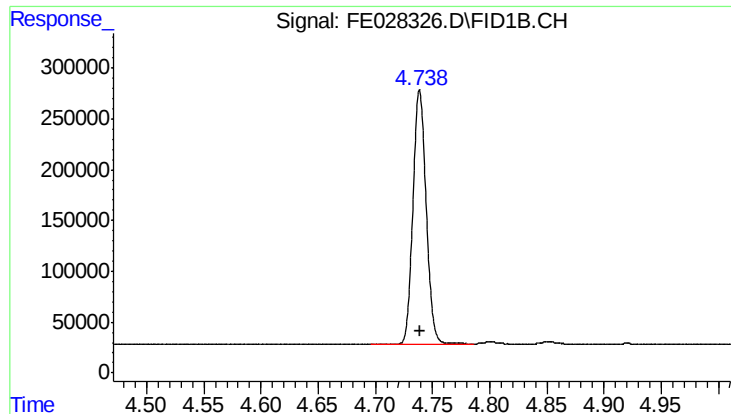
(m)=manual int.

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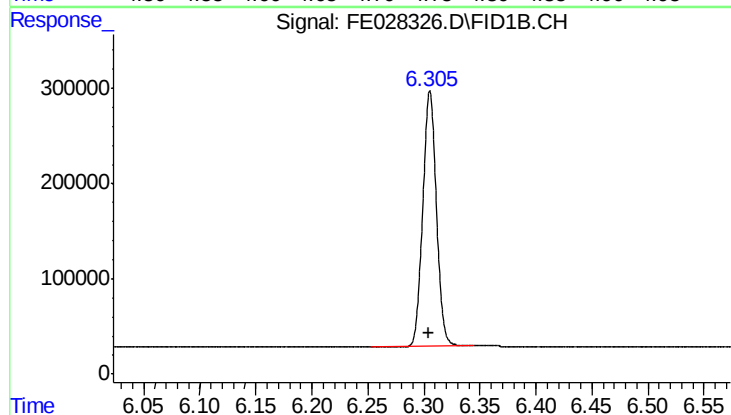
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





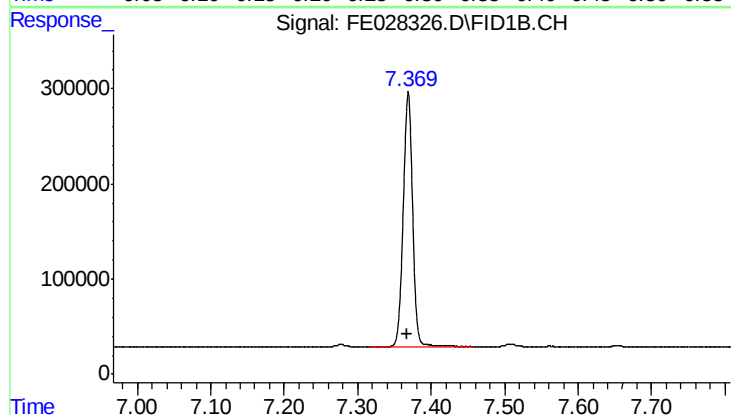
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 2010832
Conc: 51.33 ug/ml



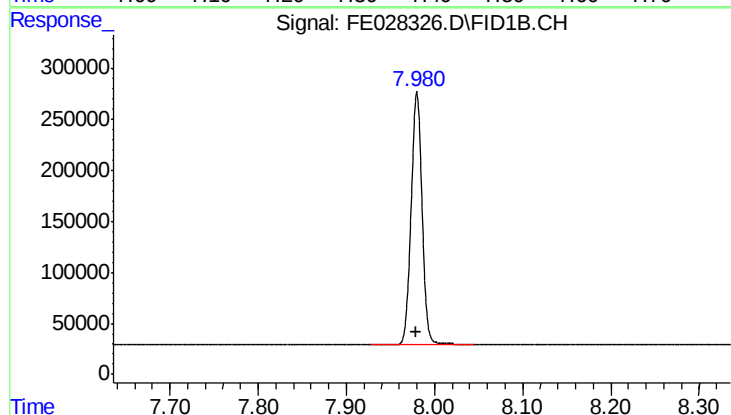
#2 Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2268059
Conc: 52.93 ug/ml



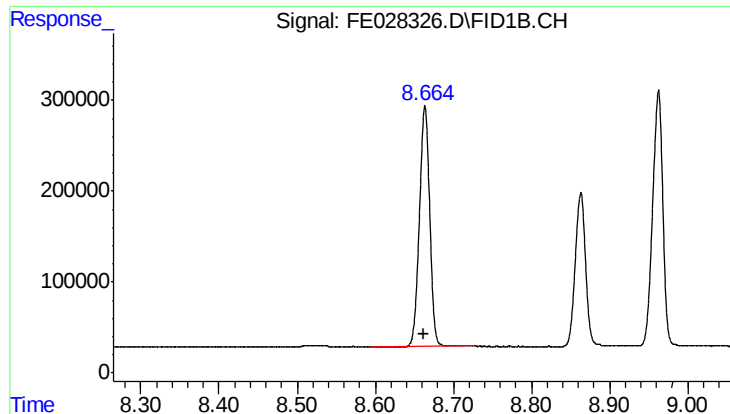
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.001 min
Response: 2376804
Conc: 53.55 ug/ml



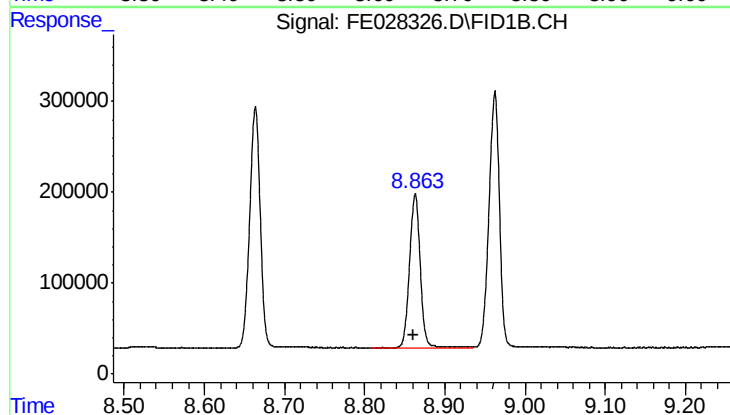
#4 2-Bromonaphthalene (SURR)

R.T.: 7.980 min
Delta R.T.: 0.001 min
Response: 2138025
Conc: 53.19 ug/ml



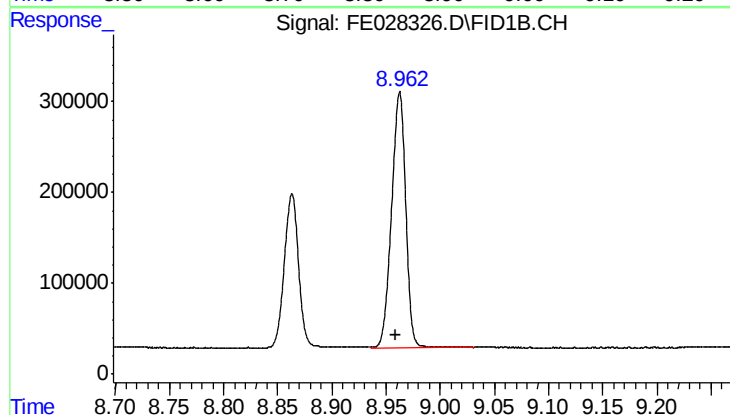
#5 Acenaphthylene (C15.06)

R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 2421512
Conc: 52.64 ug/ml



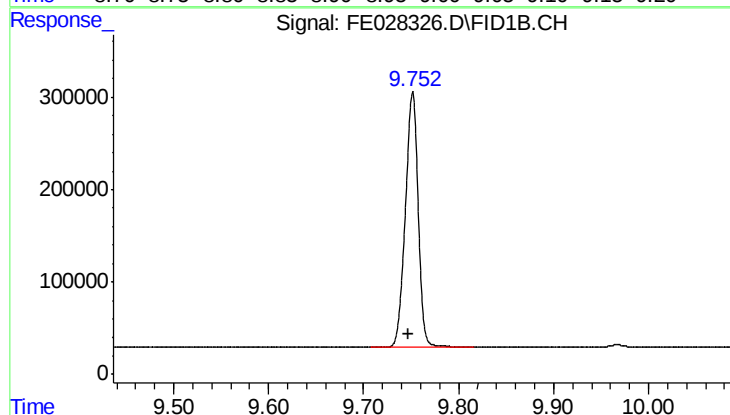
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.863 min
Delta R.T.: 0.002 min
Response: 1565675
Conc: 53.11 ug/ml



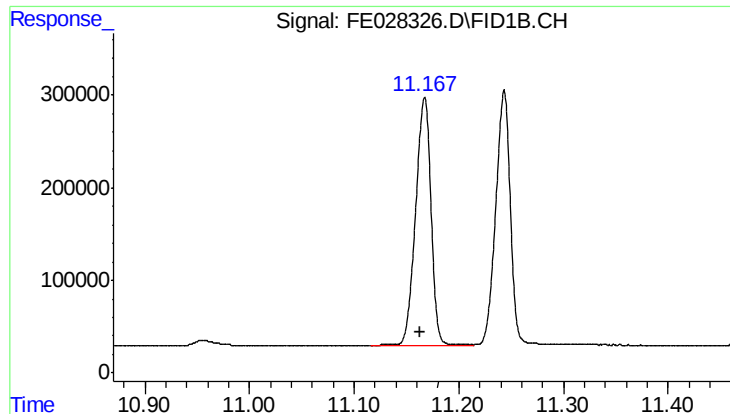
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.004 min
Response: 2557852
Conc: 52.43 ug/ml



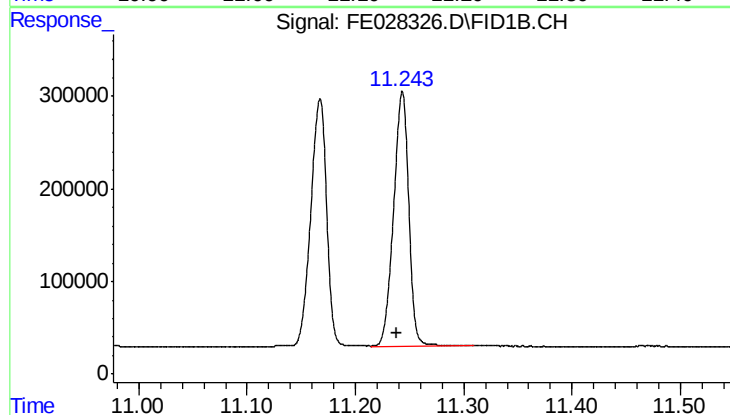
#8 Fluorene (C16.55)

R.T.: 9.752 min
Delta R.T.: 0.004 min
Response: 2601773
Conc: 53.03 ug/ml



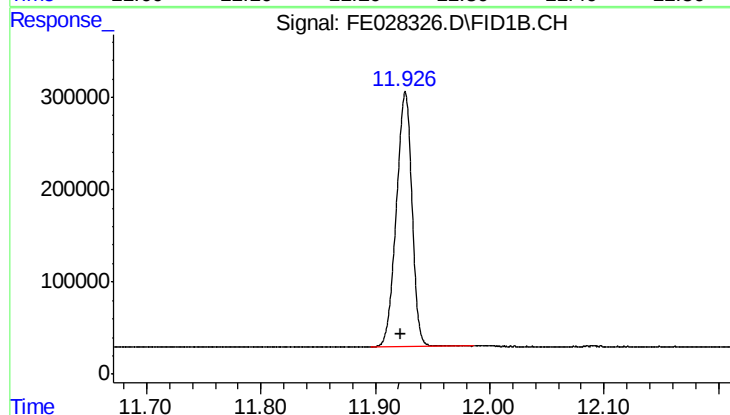
#9 Phenanthrene (C19.36)

R.T.: 11.167 min
Delta R.T.: 0.005 min
Response: 2731957
Conc: 52.18 ug/ml



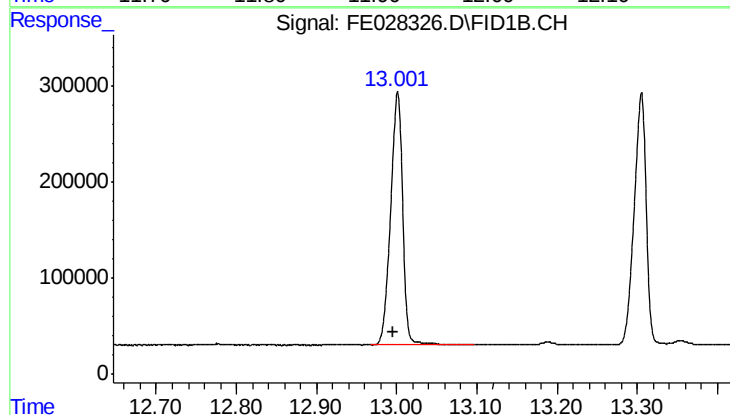
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.005 min
Response: 2676854
Conc: 52.04 ug/ml



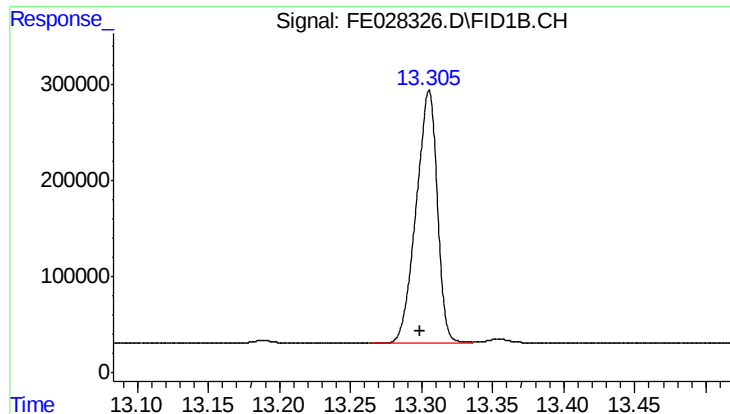
#11 ortho-Terphenyl (SURRE)

R.T.: 11.926 min
Delta R.T.: 0.004 min
Response: 2621919
Conc: 51.69 ug/ml



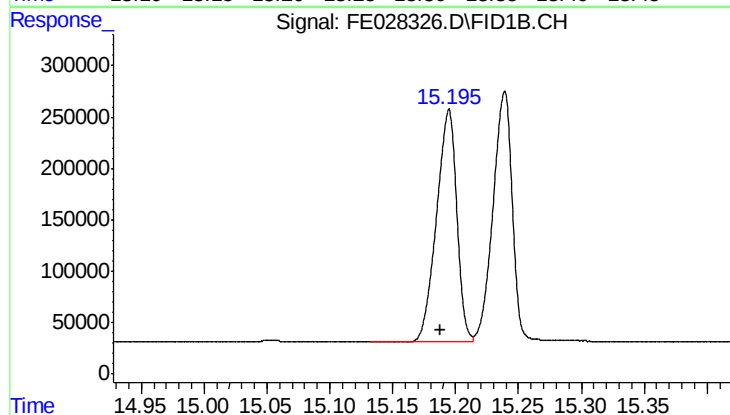
#12 Fluoranthene (C21.85)

R.T.: 13.001 min
Delta R.T.: 0.005 min
Response: 2752992
Conc: 51.43 ug/ml



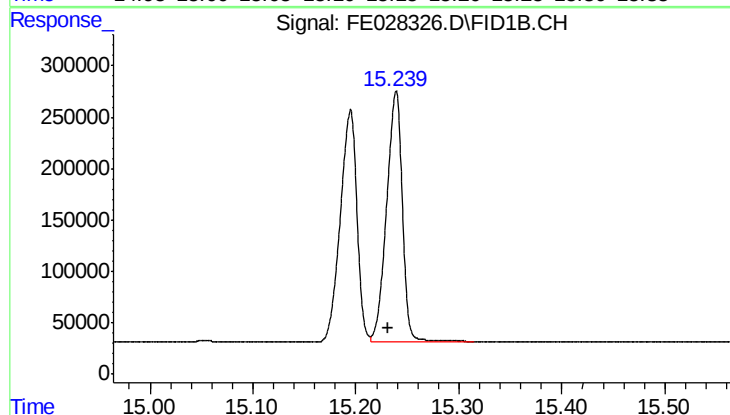
#13 Pyrene (C20.8)

R.T.: 13.305 min
Delta R.T.: 0.006 min
Response: 2719817
Conc: 52.15 ug/ml



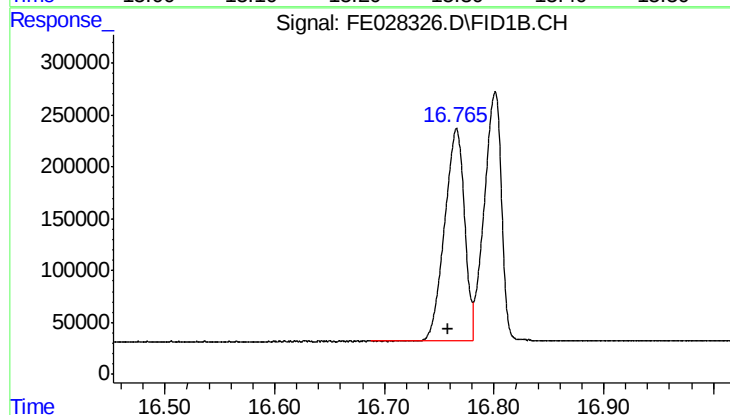
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: 0.007 min
Response: 2527116
Conc: 51.29 ug/ml



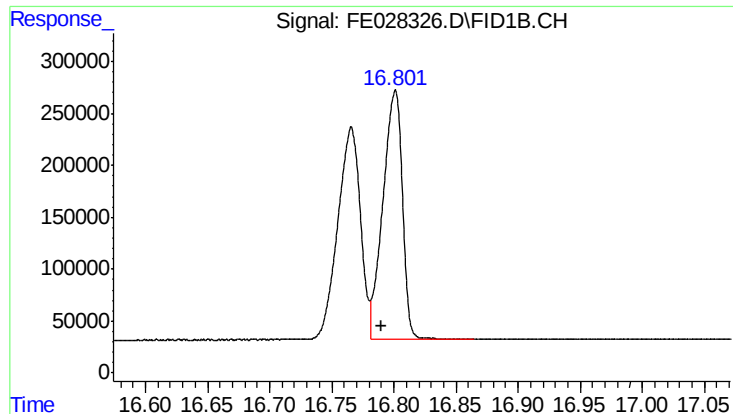
#15 Chrysene (C27.41)

R.T.: 15.239 min
Delta R.T.: 0.008 min
Response: 2586657
Conc: 50.64 ug/ml



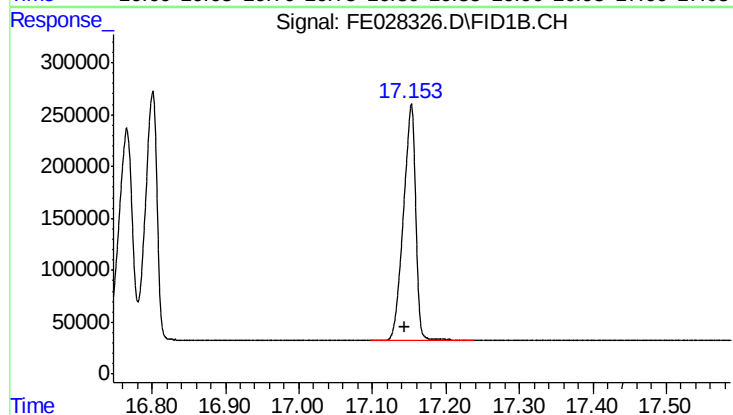
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.766 min
Delta R.T.: 0.007 min
Response: 2586598
Conc: 50.98 ug/ml



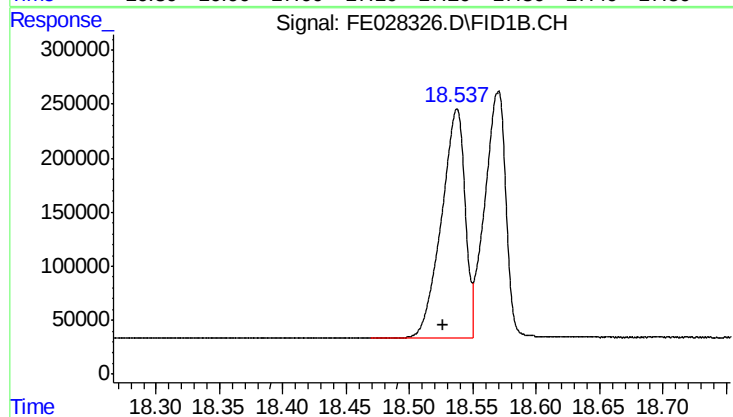
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.801 min
Delta R.T.: 0.011 min
Response: 2623184
Conc: 50.31 ug/ml



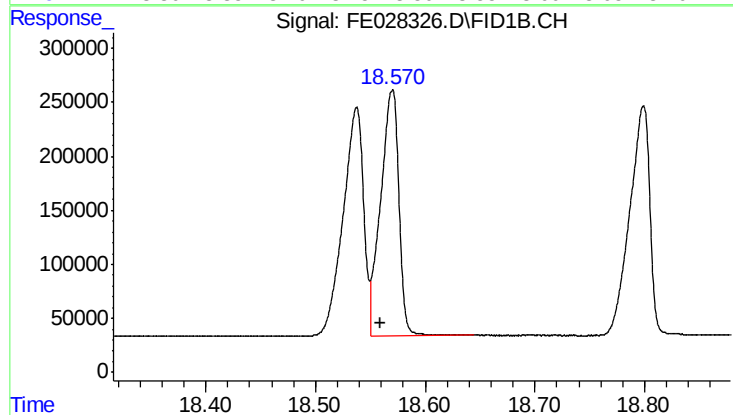
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.153 min
Delta R.T.: 0.009 min
Response: 2642392
Conc: 51.06 ug/ml



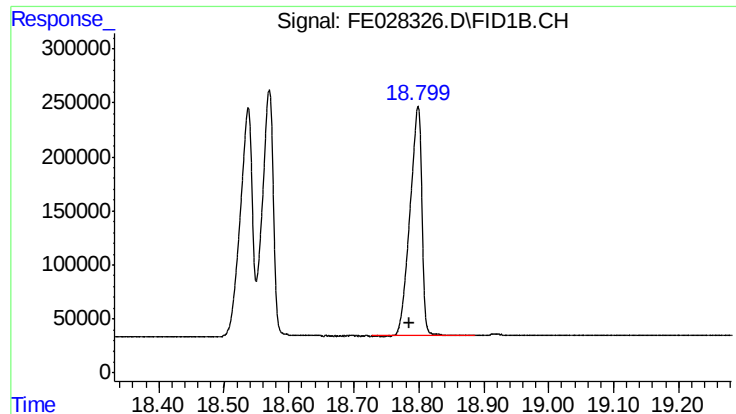
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.537 min
Delta R.T.: 0.011 min
Response: 2746727
Conc: 52.15 ug/ml



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

R.T.: 18.570 min
Delta R.T.: 0.011 min
Response: 2653624
Conc: 49.47 ug/ml



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

R.T.: 18.799 min
Delta R.T.: 0.014 min
Response: 2723843
Conc: 50.64 ug/ml