

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025394.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2018 19:49
 Operator : AJ\SJ
 Sample : J4486-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 23:57:30 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...	7.437	3593939	46.557 ug/ml
Spiked Amount 50.000		Recovery =	93.11%
6) S 2-Fluorobiphenyl (SURR)	8.290	2612590	48.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.18%
11) S ortho-Terphenyl (SURR)	11.335	3209265	37.817 ug/ml
Spiked Amount 50.000		Recovery =	75.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1831274	23.447 ug/ml
2) T Naphthalene (C11.7)	5.770	2434191	28.255 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	2634662	30.643 ug/ml
5) T Acenaphthylene (C15.06)	8.093	2769184	32.602 ug/ml
7) T Acenaphthene (C15.5)	8.389	2881889	32.367 ug/ml
8) T Flouorene (C16.55)	9.168	3014684	33.849 ug/ml
9) T Phenanthrene (C19.36)	10.560	3332337	37.206 ug/ml
10) T Anthracene (C19.43)	10.634	3283037	37.283 ug/ml
12) T Fluoranthene (C21.85)	12.367	3572244	40.659 ug/ml
13) T Pyrene (C20.8)	12.663	3519805	40.053 ug/ml
14) T Benzo[a]anthracene (C...	14.534	3629787	43.522 ug/ml
15) T Chrysene (C27.41)	14.576	3600817	42.744 ug/ml
16) T benzo[b]fluoranthene ...	16.082	3680027	40.903 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	3608763	40.082 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	3631356	39.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	3551350	37.642 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	3419190	37.363 ug/ml
21) T Benzo[g,h,i]perylene ...	18.075	3621816	37.387 ug/ml

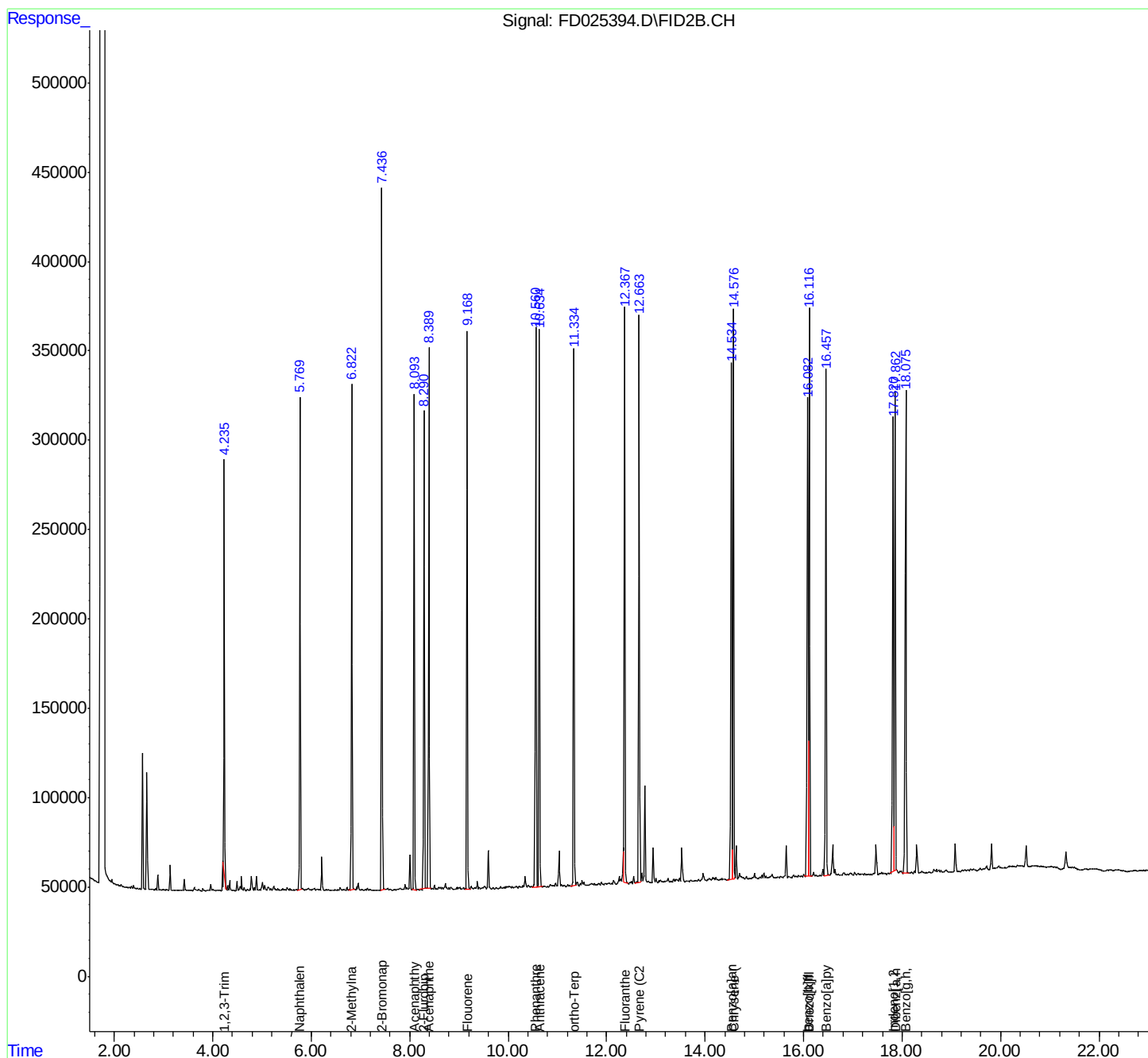
(f)=RT Delta > 1/2 Window

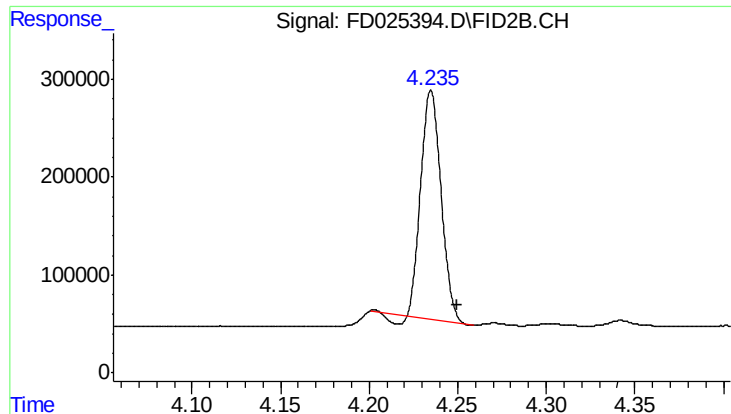
(m)=manual int.

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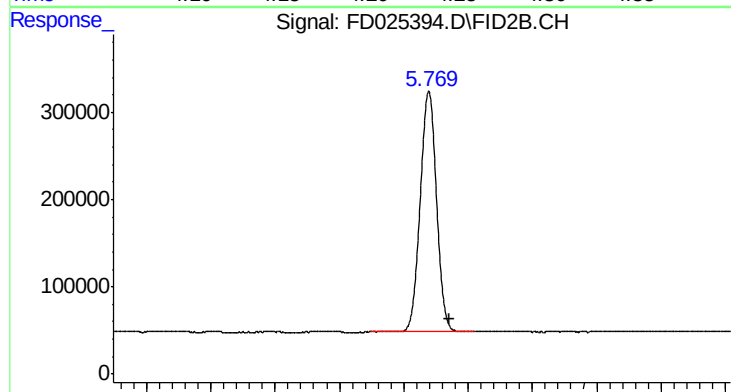
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Signal Info : 20M x 0.18mm x 0.18µm





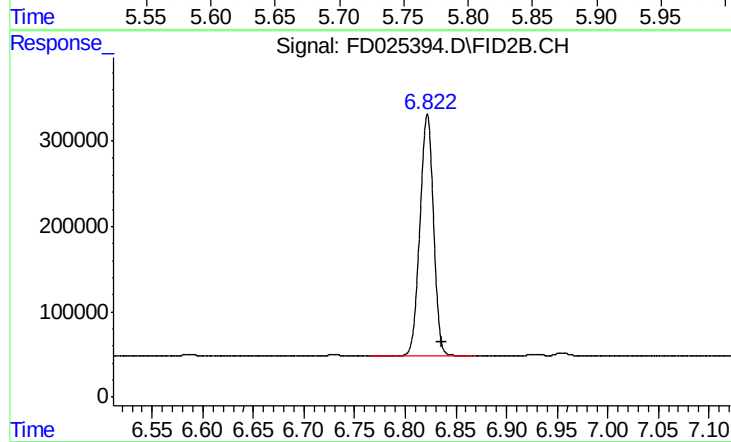
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.014 min
Response: 1831274
Conc: 23.45 ug/ml



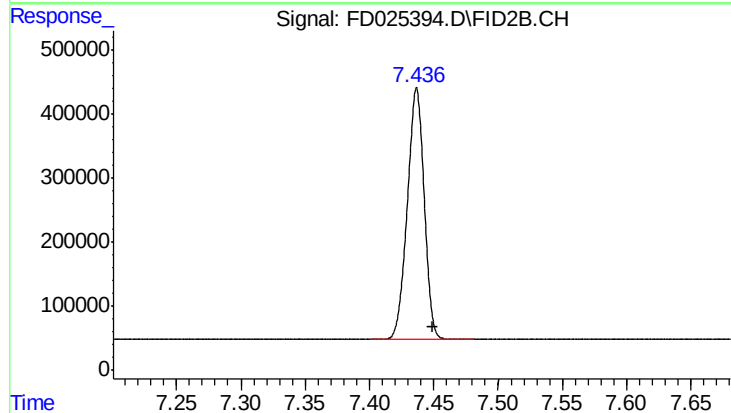
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.015 min
Response: 2434191
Conc: 28.25 ug/ml



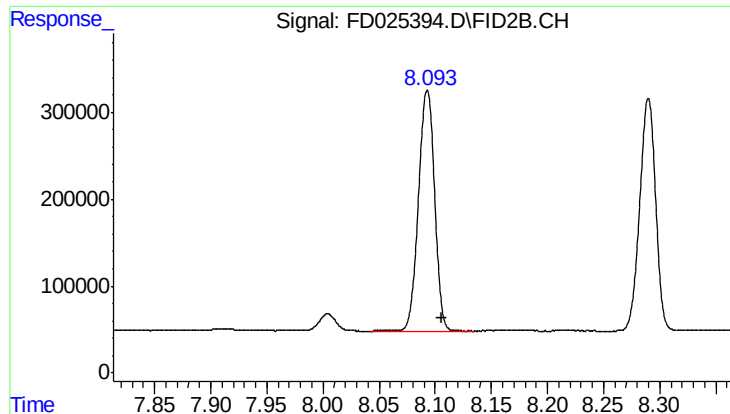
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.014 min
Response: 2634662
Conc: 30.64 ug/ml



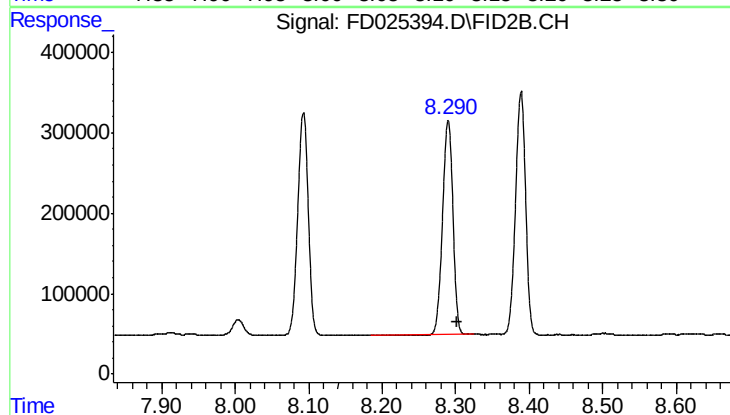
#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: -0.013 min
Response: 3593939
Conc: 46.56 ug/ml



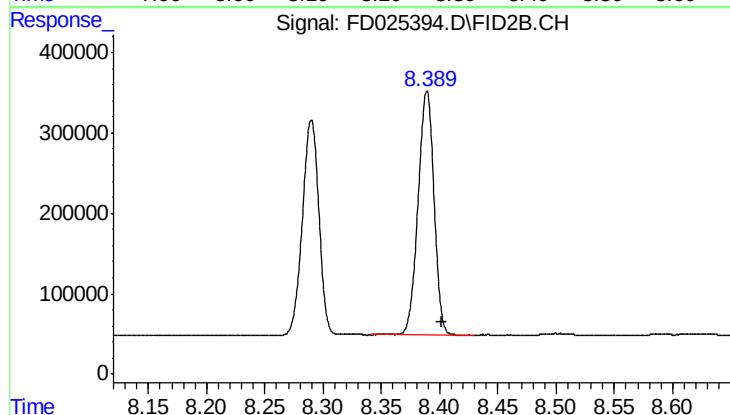
#5 Acenaphthylene (C15.06)

R.T.: 8.093 min
Delta R.T.: -0.013 min
Response: 2769184
Conc: 32.60 ug/ml



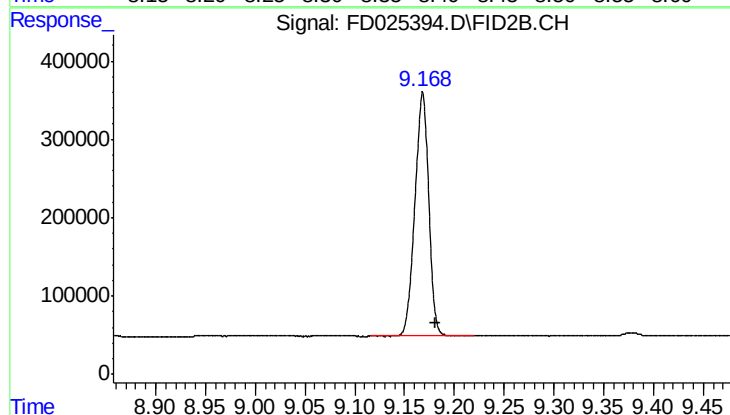
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.013 min
Response: 2612590
Conc: 48.59 ug/ml



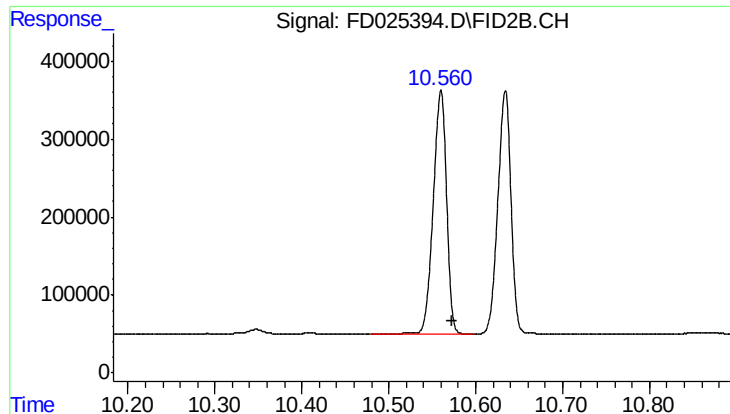
#7 Acenaphthene (C15.5)

R.T.: 8.389 min
Delta R.T.: -0.013 min
Response: 2881889
Conc: 32.37 ug/ml



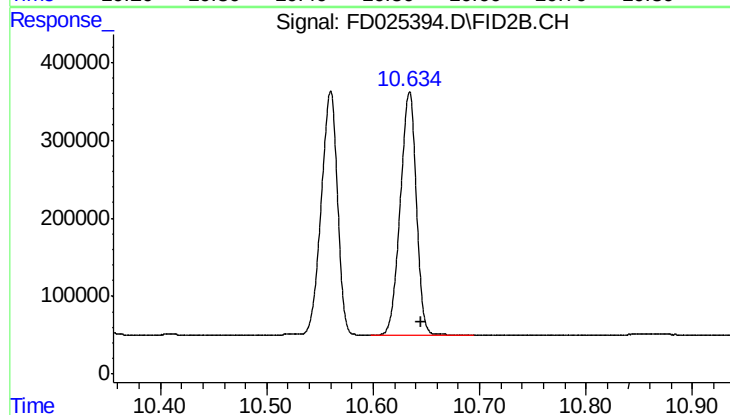
#8 Fluorene (C16.55)

R.T.: 9.168 min
Delta R.T.: -0.012 min
Response: 3014684
Conc: 33.85 ug/ml



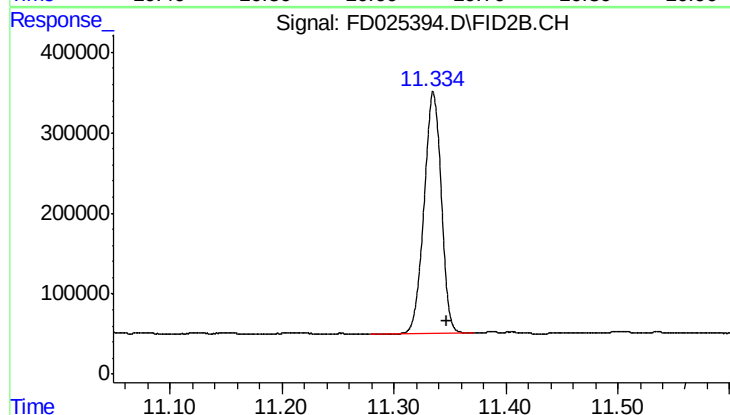
#9 Phenanthrene (C19.36)

R.T.: 10.560 min
Delta R.T.: -0.012 min
Response: 3332337
Conc: 37.21 ug/ml



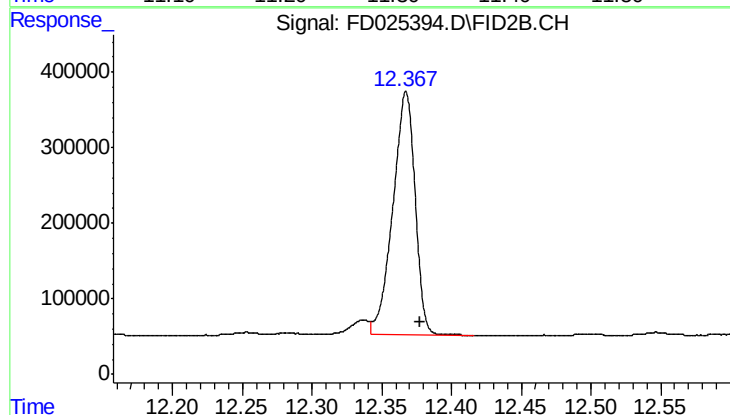
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.011 min
Response: 3283037
Conc: 37.28 ug/ml



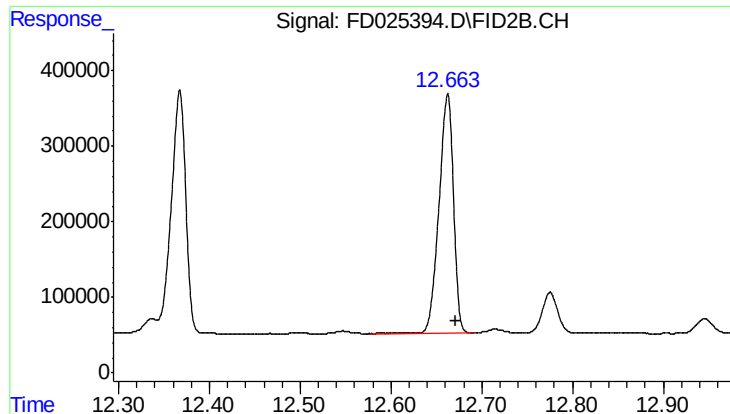
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 3209265
Conc: 37.82 ug/ml



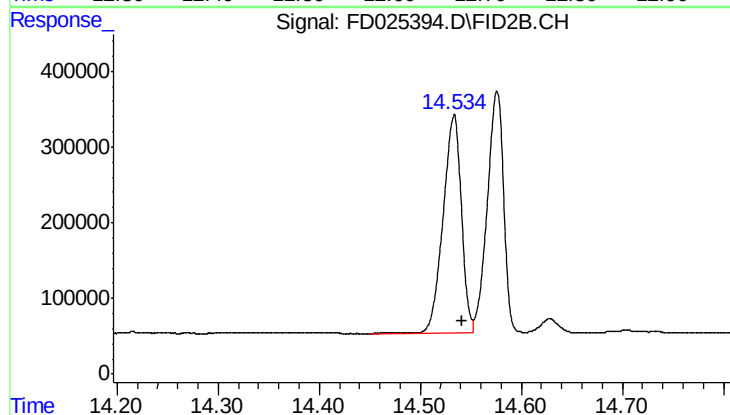
#12 Fluoranthene (C21.85)

R.T.: 12.367 min
Delta R.T.: -0.010 min
Response: 3572244
Conc: 40.66 ug/ml



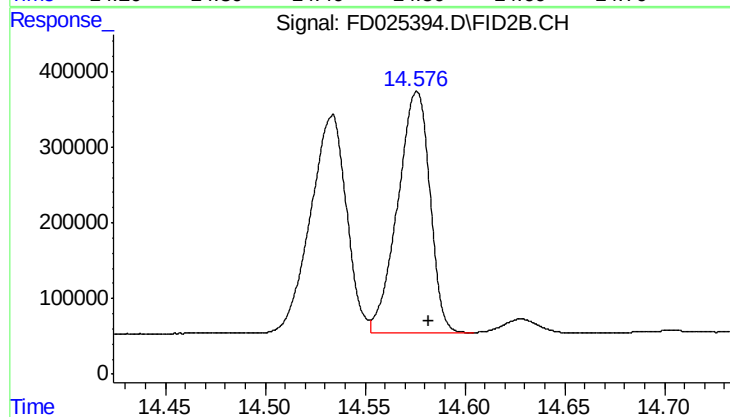
#13 Pyrene (C20.8)

R.T.: 12.663 min
Delta R.T.: -0.010 min
Response: 3519805
Conc: 40.05 ug/ml



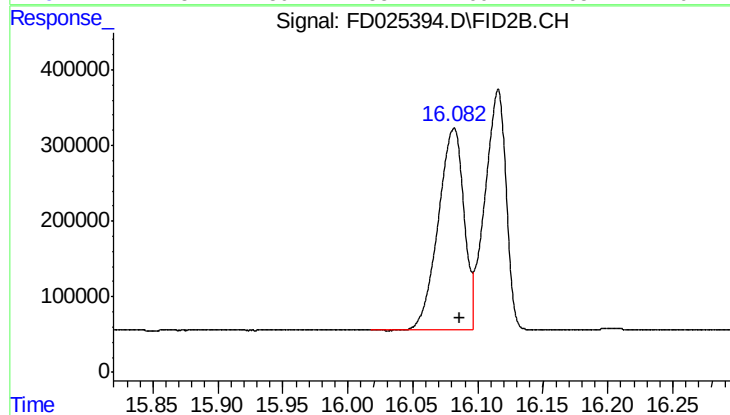
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.008 min
Response: 3629787
Conc: 43.52 ug/ml



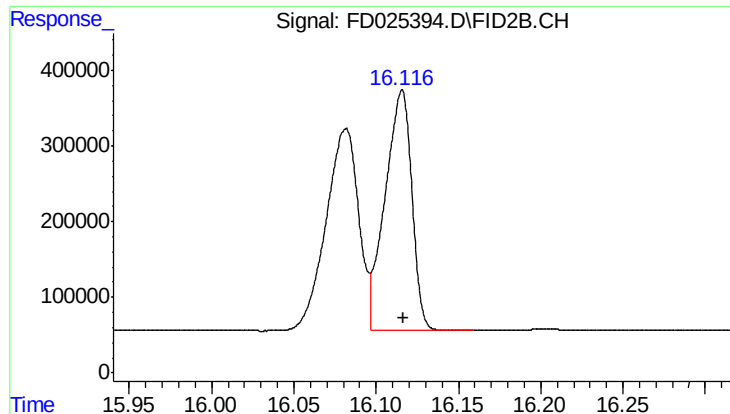
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.006 min
Response: 3600817
Conc: 42.74 ug/ml



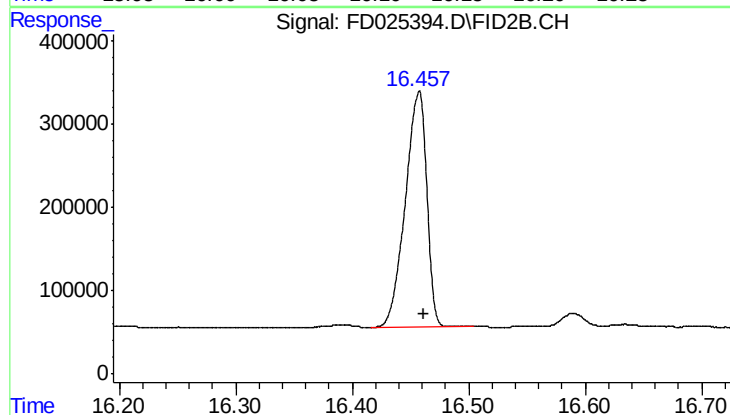
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min
Delta R.T.: -0.005 min
Response: 3680027
Conc: 40.90 ug/ml



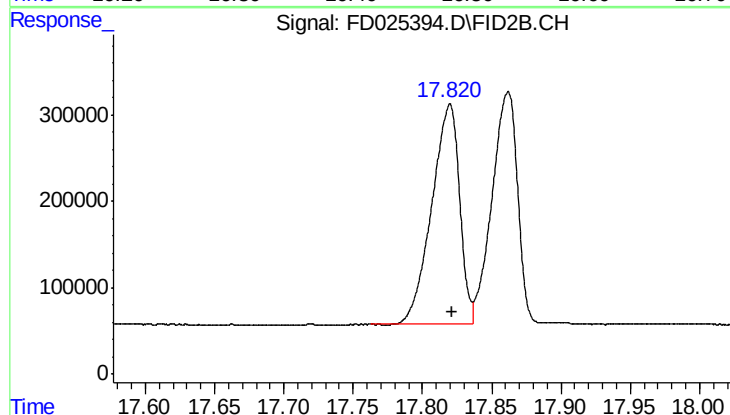
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.116 min
Delta R.T.: -0.001 min
Response: 3608763
Conc: 40.08 ug/ml



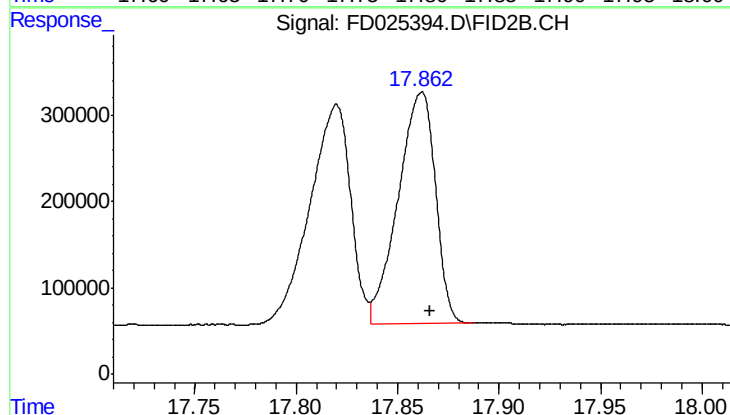
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: -0.004 min
Response: 3631356
Conc: 39.45 ug/ml



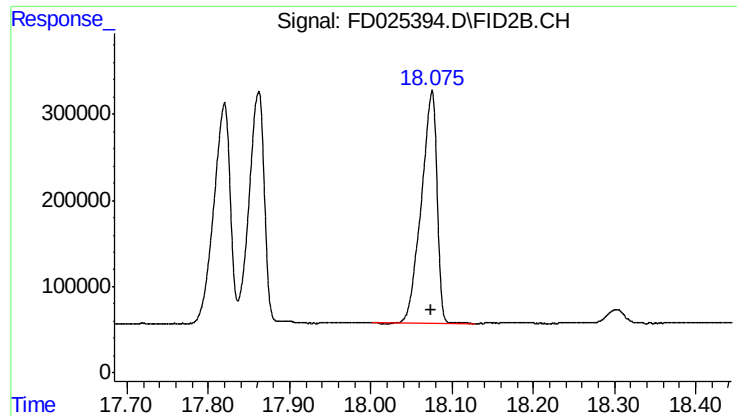
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: -0.002 min
Response: 3551350
Conc: 37.64 ug/ml



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

R.T.: 17.862 min
Delta R.T.: -0.004 min
Response: 3419190
Conc: 37.36 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.002 min
Response: 3621816
Conc: 37.39 ug/ml