

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD062618AR\
 Data File : FD024794.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jun 2018 3:41
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 04:45:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.480	1691864	18.495 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
6) S 2-Fluorobiphenyl (SURR)	8.336	1179908	18.604 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.21%
11) S ortho-Terphenyl (SURR)	11.385	1979297	19.723 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	1851591	19.923 ug/ml
2) T Naphthalene (C11.7)	5.813	1954490	19.261 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	1910464	18.790 ug/ml
5) T Acenaphthylene (C15.06)	8.139	1856504	18.593 ug/ml
7) T Acenaphthene (C15.5)	8.435	1935397	18.528 ug/ml
8) T Fluorene (C16.55)	9.216	1948174	18.645 ug/ml
9) T Phenanthrene (C19.36)	10.610	2046204	19.901 ug/ml
10) T Anthracene (C19.43)	10.684	2031235	19.924 ug/ml
12) T Fluoranthene (C21.85)	12.420	2211228	22.176 ug/ml
13) T Pyrene (C20.8)	12.716	2238241	22.509 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.588	2236092	23.819 ug/ml
15) T Chrysene (C27.41)	14.631	2243541	23.716 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.138	2275885	22.008 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.170	2301498	21.810 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.515	2265376	21.799 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.878	2203817	20.676 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.921	2325245	22.232 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.133	2220390	20.904 ug/ml

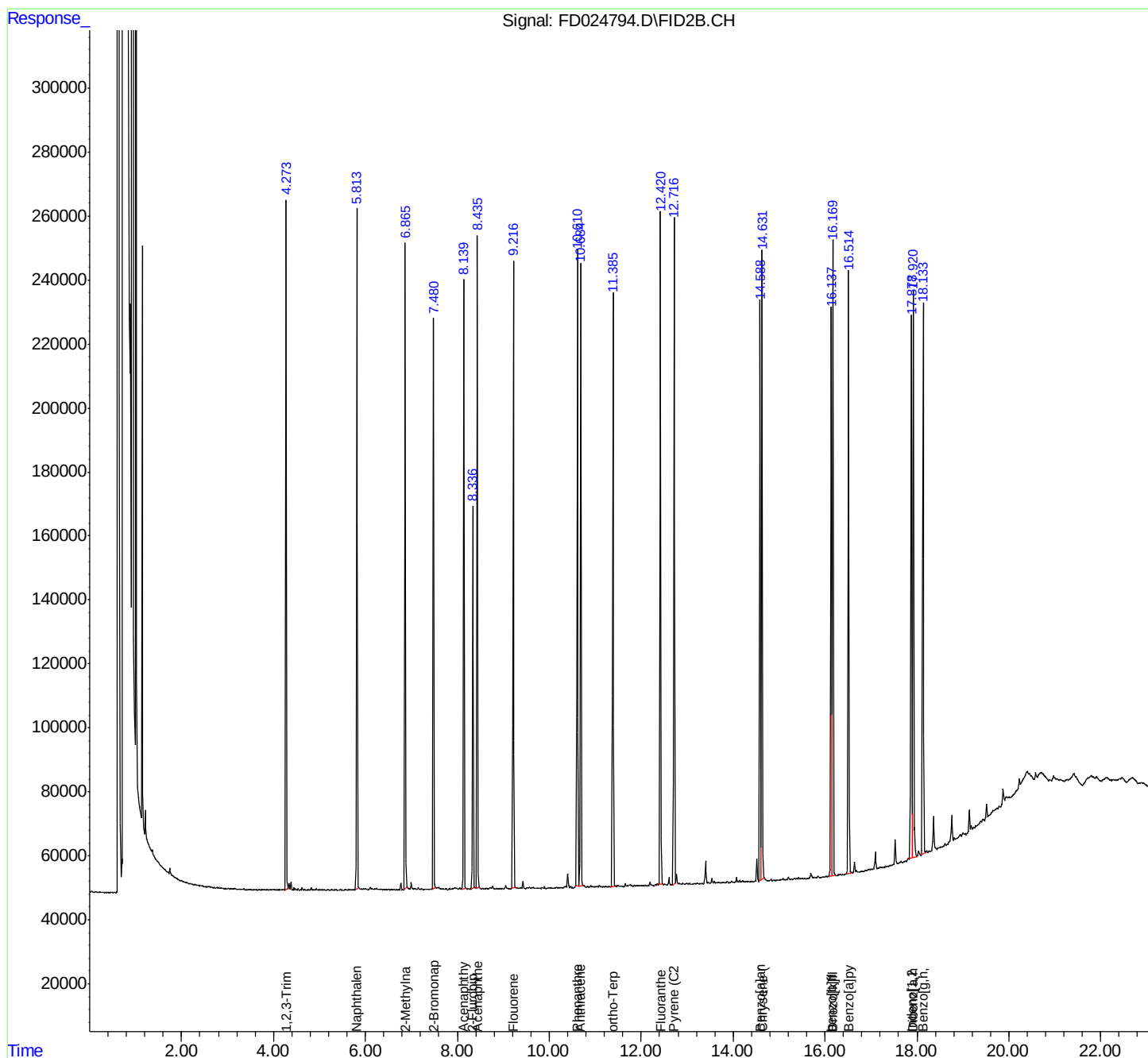
(f)=RT Delta > 1/2 Window

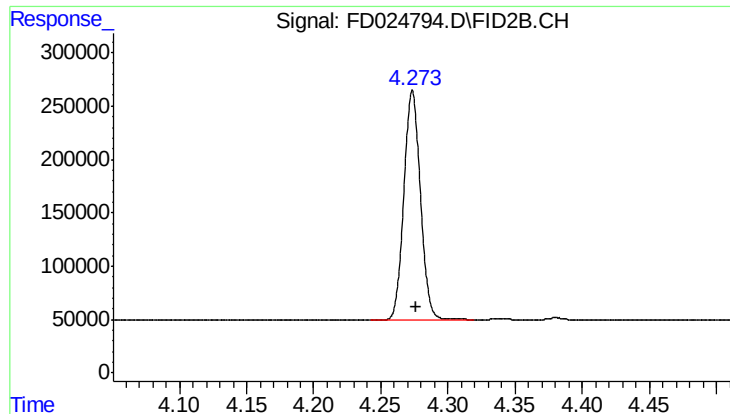
(m)=manual int.

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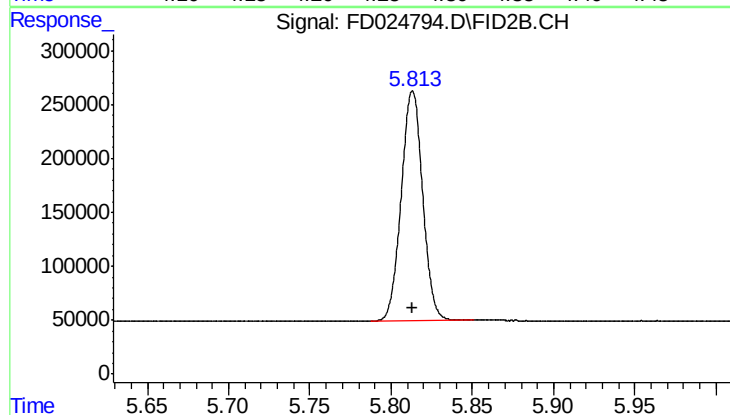
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Signal Info : 20M x 0.18mm x 0.18µm





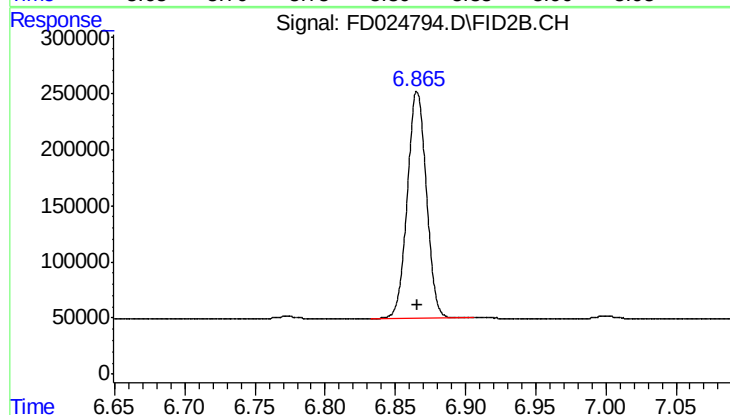
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 1851591
Conc: 19.92 ug/ml



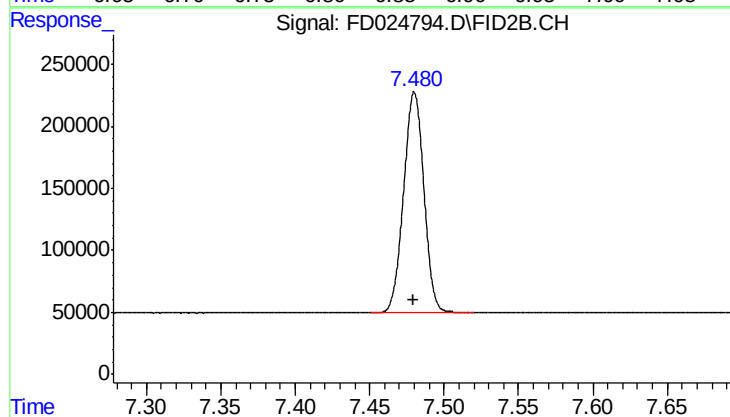
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 1954490
Conc: 19.26 ug/ml



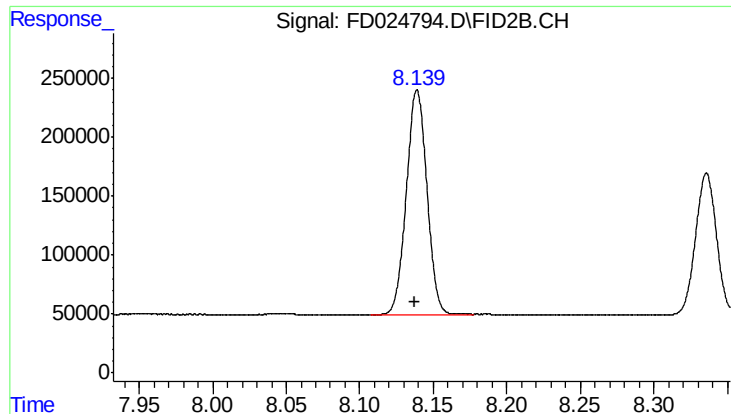
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 1910464
Conc: 18.79 ug/ml



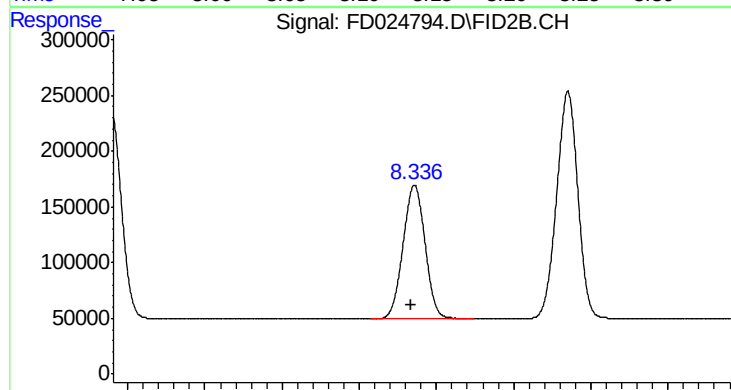
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1691864
Conc: 18.49 ug/ml



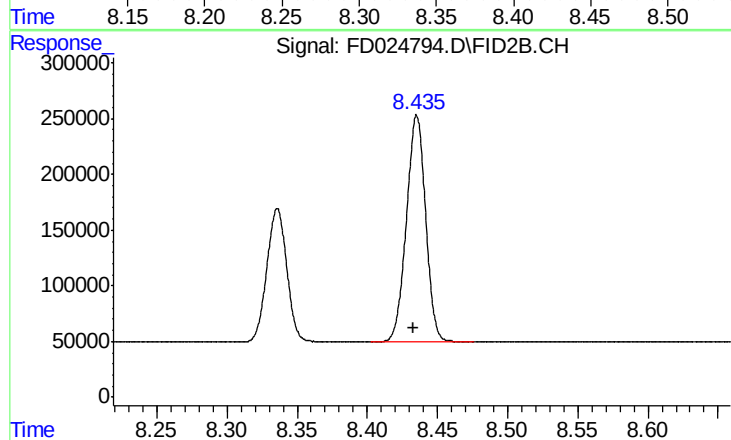
#5 Acenaphthylene (C15.06)

R.T.: 8.139 min
Delta R.T.: 0.002 min
Response: 1856504
Conc: 18.59 ug/ml



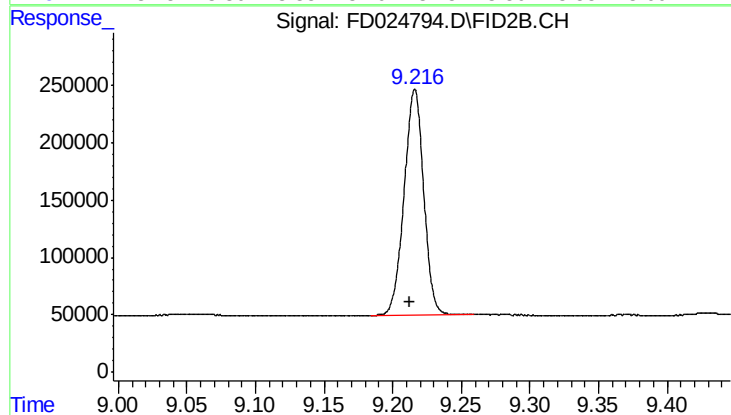
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: 0.002 min
Response: 1179908
Conc: 18.60 ug/ml



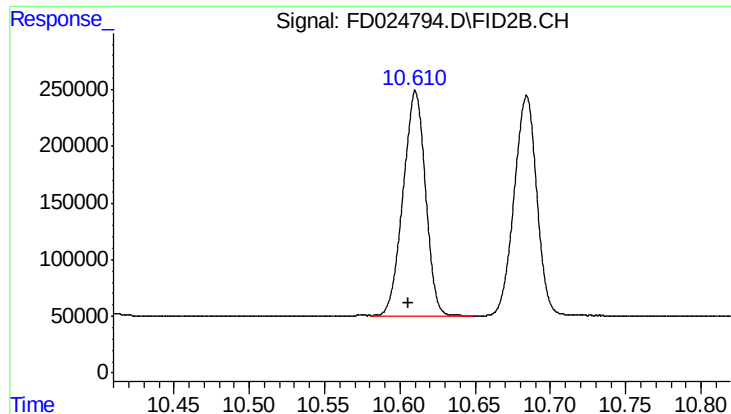
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: 0.002 min
Response: 1935397
Conc: 18.53 ug/ml



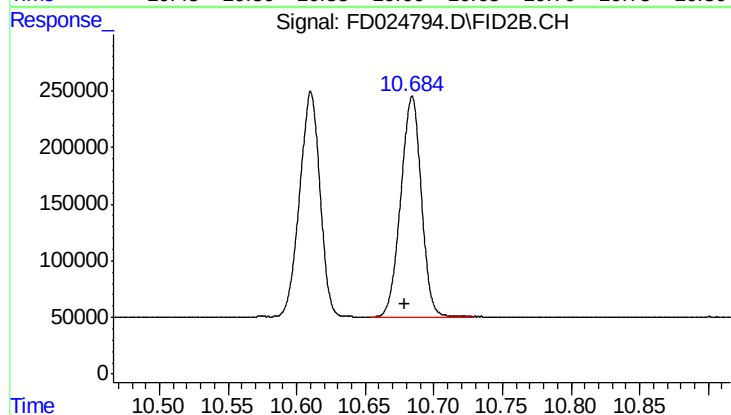
#8 Fluorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.004 min
Response: 1948174
Conc: 18.65 ug/ml



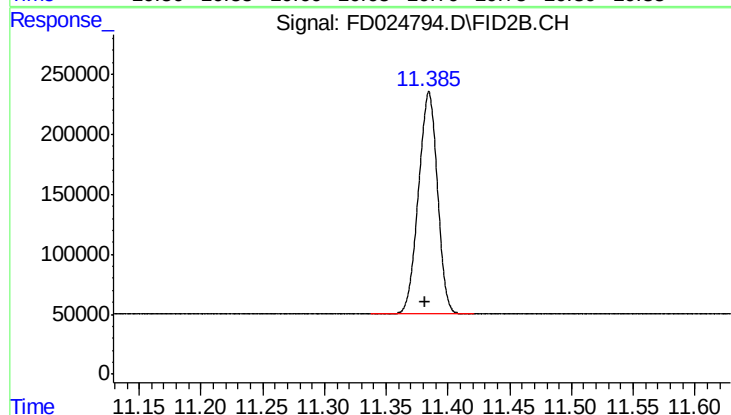
#9 Phenanthrene (C19.36)

R.T.: 10.610 min
Delta R.T.: 0.005 min
Response: 2046204
Conc: 19.90 ug/ml



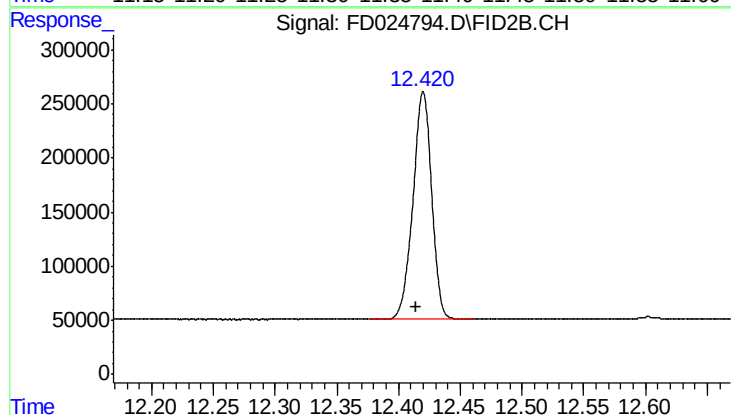
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.005 min
Response: 2031235
Conc: 19.92 ug/ml



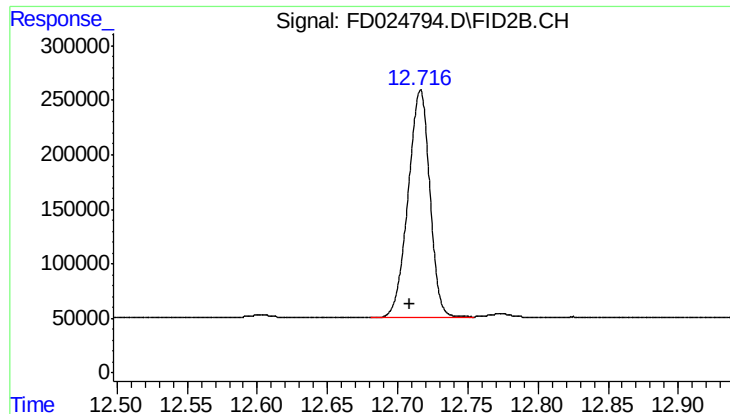
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: 0.003 min
Response: 1979297
Conc: 19.72 ug/ml



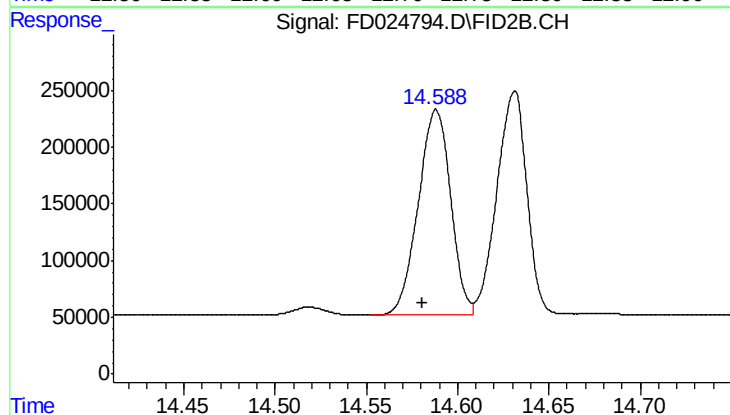
#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: 0.006 min
Response: 2211228
Conc: 22.18 ug/ml



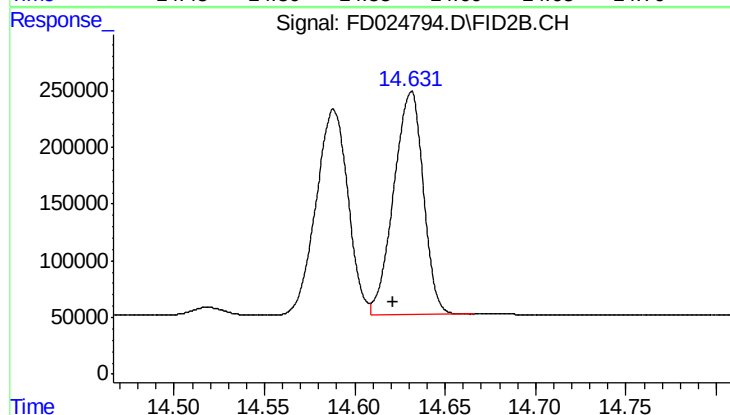
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: 0.008 min
Response: 2238241
Conc: 22.51 ug/ml



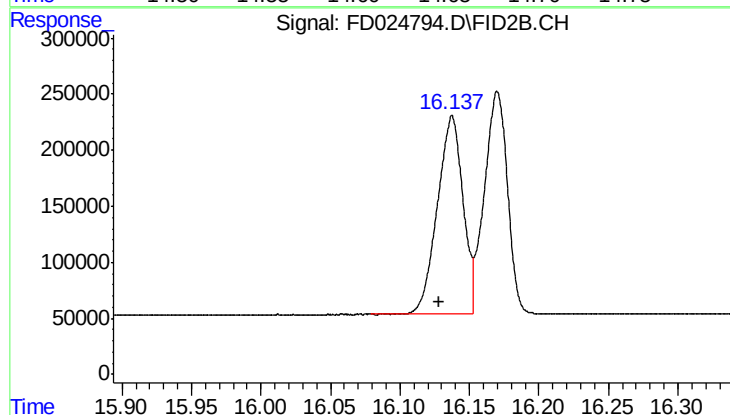
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.008 min
Response: 2236092
Conc: 23.82 ug/ml



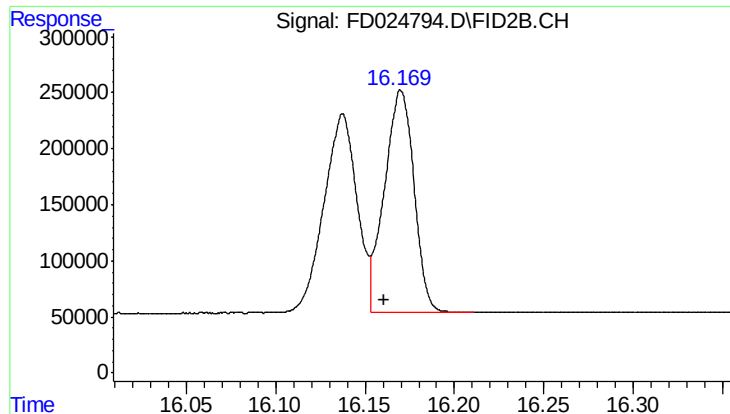
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: 0.010 min
Response: 2243541
Conc: 23.72 ug/ml



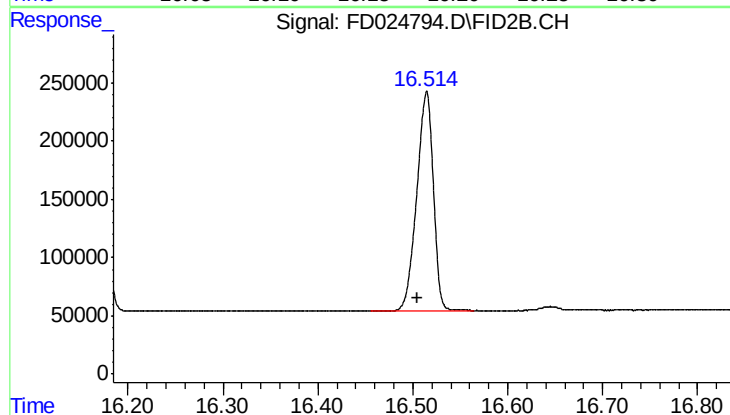
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.138 min
Delta R.T.: 0.009 min
Response: 2275885
Conc: 22.01 ug/ml



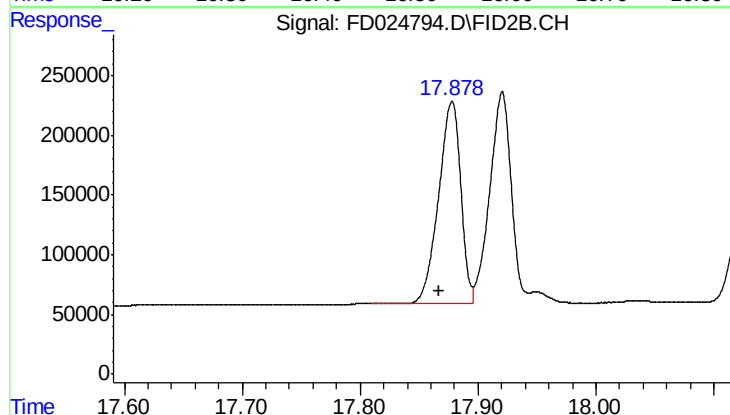
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.170 min
Delta R.T.: 0.009 min
Response: 2301498
Conc: 21.81 ug/ml



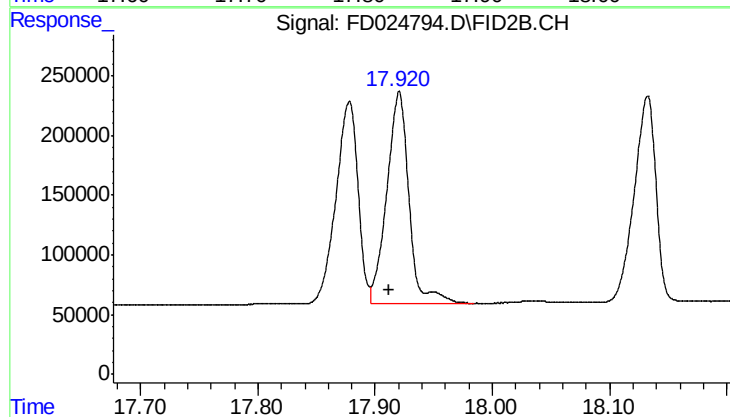
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: 0.010 min
Response: 2265376
Conc: 21.80 ug/ml



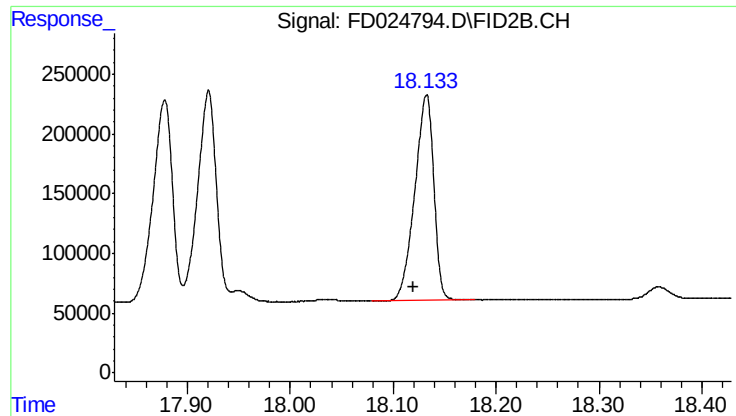
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.011 min
Response: 2203817
Conc: 20.68 ug/ml



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

R.T.: 17.921 min
Delta R.T.: 0.009 min
Response: 2325245
Conc: 22.23 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.013 min
Response: 2220390
Conc: 20.90 ug/ml