

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051019AR\
 Data File : FD029145.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2019 9:04
 Operator : AJ\SJ
 Sample : 20 PPM ARPMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 00:44:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 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...	7.081	1545870	15.498 ug/ml
Spiked Amount 50.000		Recovery =	31.00%
6) S 2-Fluorobiphenyl (SURR)	7.947	1073146	15.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.32%
11) S ortho-Terphenyl (SURR)	10.983	1684484	15.810 ug/ml
Spiked Amount 50.000		Recovery =	31.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.907	1771681	18.740 ug/mlm
2) T Naphthalene (C11.7)	5.428	1826370	17.091 ug/ml
3) T 2-Methylnaphthalene (...)	6.474	1760768	16.088 ug/ml
5) T Acenaphthylene (C15.06)	7.751	1684883	15.738 ug/ml
7) T Acenaphthene (C15.5)	8.046	1765838	15.711 ug/ml
8) T Flouorene (C16.55)	8.825	1760598	15.732 ug/ml
9) T Phenanthrene (C19.36)	10.222	1832284	17.068 ug/ml
10) T Anthracene (C19.43)	10.296	1749707	16.448 ug/ml
12) T Fluoranthene (C21.85)	12.031	1958679	19.493 ug/mlm
13) T Pyrene (C20.8)	12.330	1995335	19.659 ug/ml
14) T Benzo[a]anthracene (C...	14.196	2007062	19.790 ug/ml
15) T Chrysene (C27.41)	14.239	2033201	19.945 ug/ml
16) T benzo[b]fluoranthene ...	15.744	2141420	19.959 ug/ml
17) T Bnezo[k]fluoranthene ...	15.776	2087865	19.663 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.122	2088949	19.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.483	2057143	19.046 ug/ml
20) T Dibenz[a,h]anthracene...	17.521	1978200	18.660 ug/ml
21) T Benzo[g,h,i]perylene ...	17.739	2102641	19.641 ug/ml

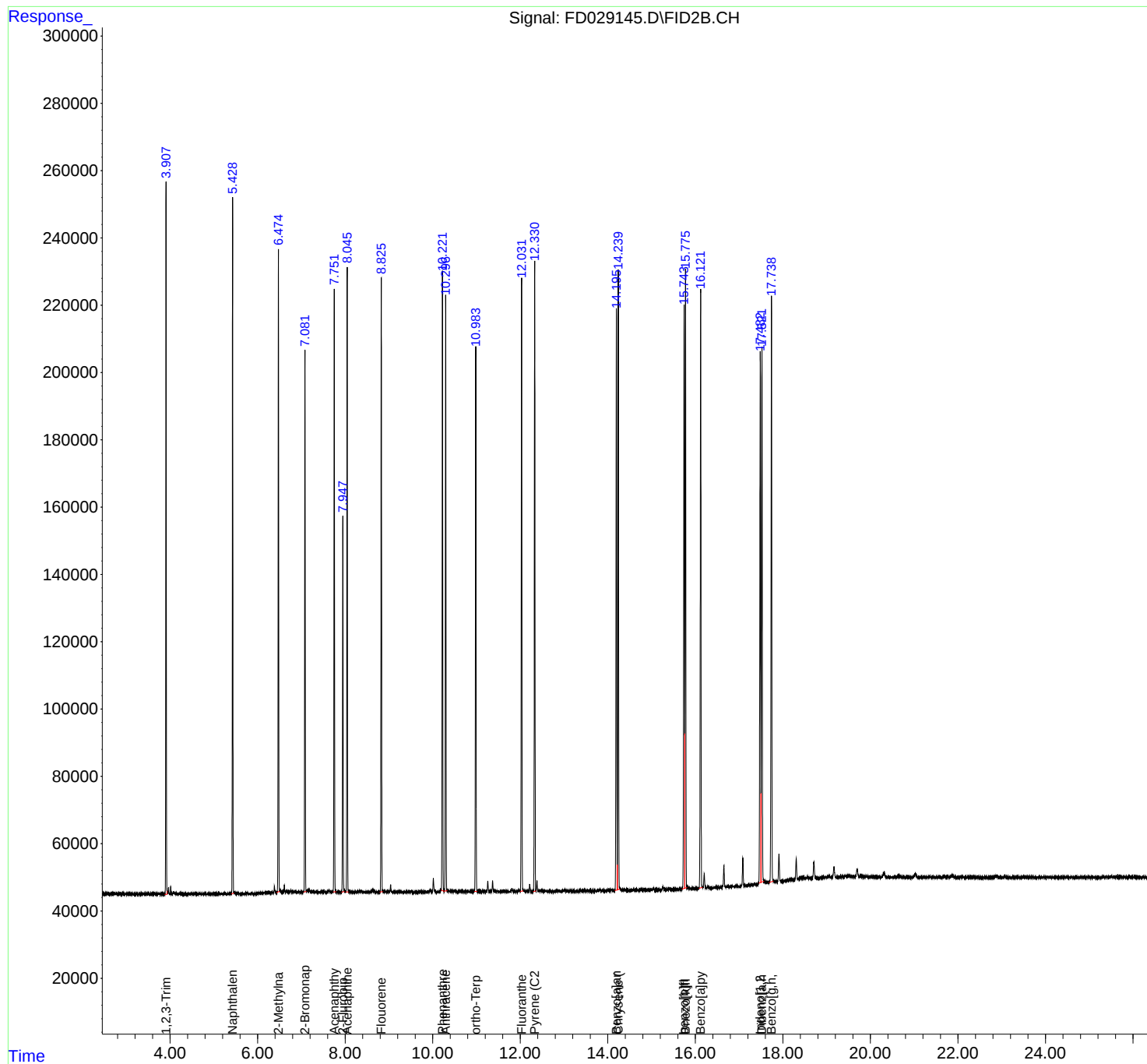
(f)=RT Delta > 1/2 Window

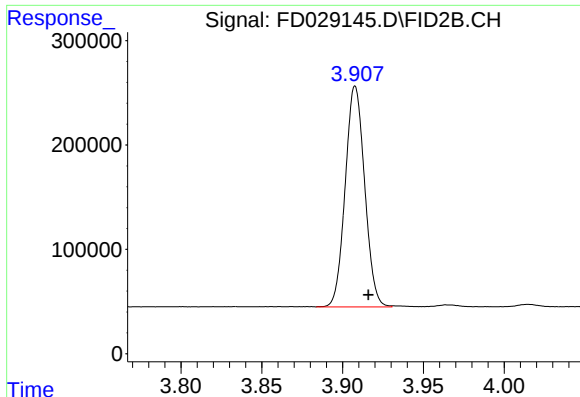
(m)=manual int.

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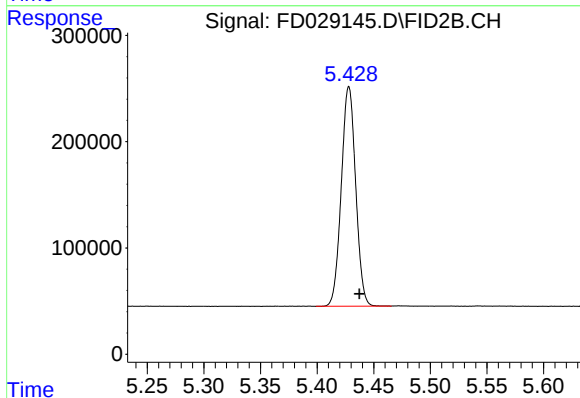
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Signal Info : 20M x 0.18mm x 0.18µm





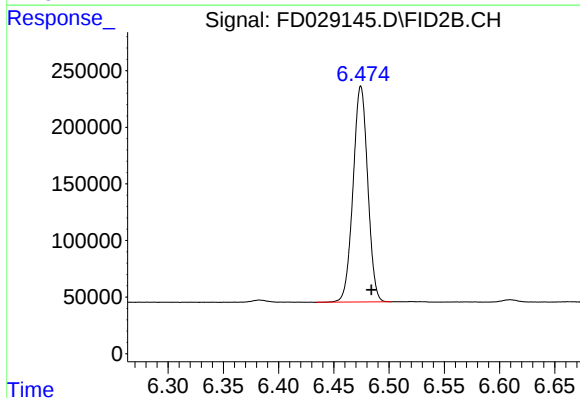
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.907 min
Delta R.T.: -0.009 min
Response: 1771681
Conc: 18.74 ug/ml m



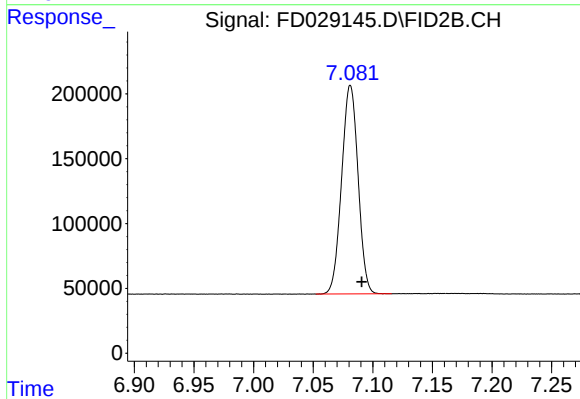
#2 Naphthalene (C11.7)

R.T.: 5.428 min
Delta R.T.: -0.009 min
Response: 1826370
Conc: 17.09 ug/ml



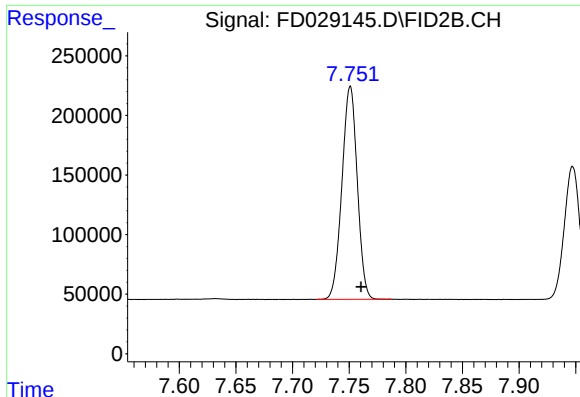
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.474 min
Delta R.T.: -0.009 min
Response: 1760768
Conc: 16.09 ug/ml



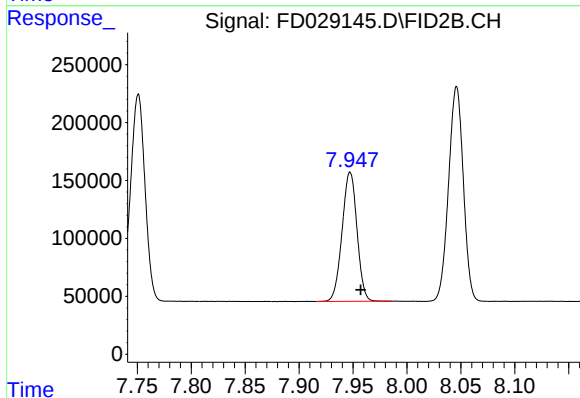
#4 2-Bromonaphthalene (SURR)

R.T.: 7.081 min
Delta R.T.: -0.009 min
Response: 1545870
Conc: 15.50 ug/ml



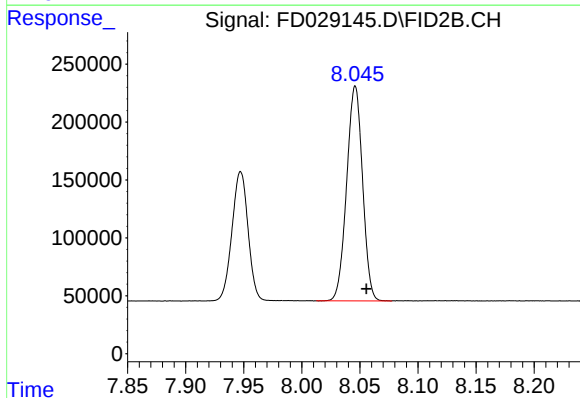
#5 Acenaphthylene (C15.06)

R.T.: 7.751 min
Delta R.T.: -0.009 min
Response: 1684883
Conc: 15.74 ug/ml



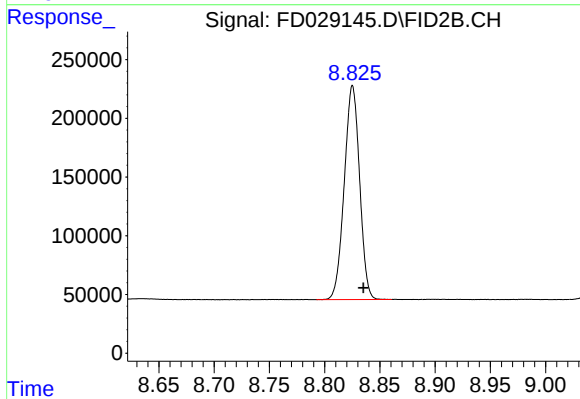
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.947 min
Delta R.T.: -0.010 min
Response: 1073146
Conc: 15.66 ug/ml



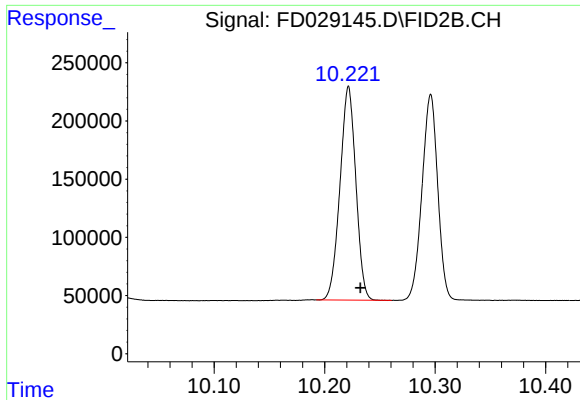
#7 Acenaphthene (C15.5)

R.T.: 8.046 min
Delta R.T.: -0.010 min
Response: 1765838
Conc: 15.71 ug/ml



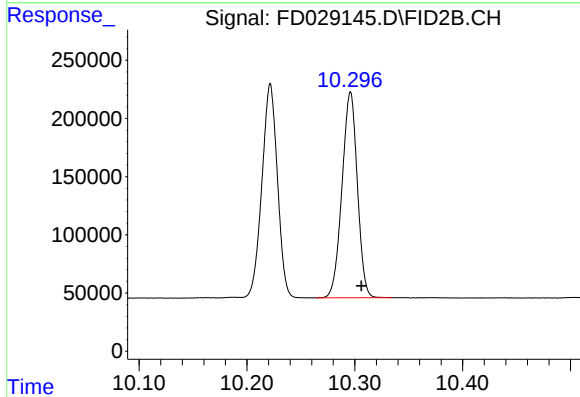
#8 Flouorene (C16.55)

R.T.: 8.825 min
Delta R.T.: -0.010 min
Response: 1760598
Conc: 15.73 ug/ml



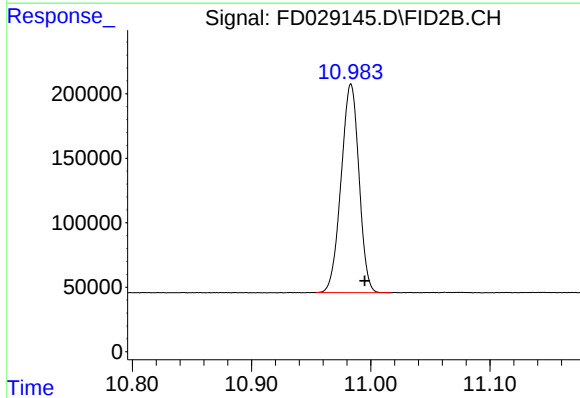
#9 Phenanthrene (C19.36)

R.T.: 10.222 min
Delta R.T.: -0.011 min
Response: 1832284
Conc: 17.07 ug/ml



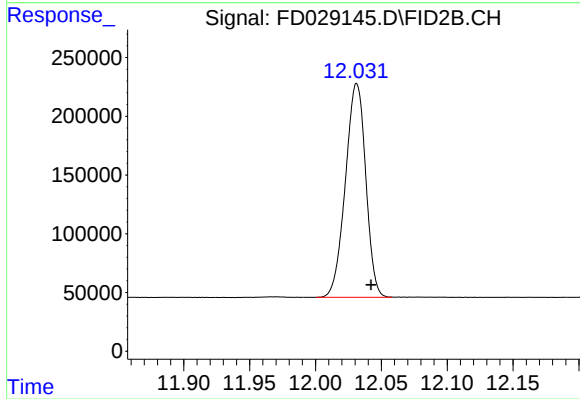
#10 Anthracene (C19.43)

R.T.: 10.296 min
Delta R.T.: -0.010 min
Response: 1749707
Conc: 16.45 ug/ml



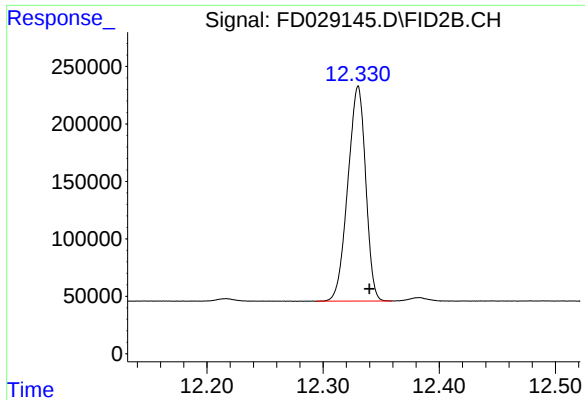
#11 ortho-Terphenyl (SURR)

R.T.: 10.983 min
Delta R.T.: -0.011 min
Response: 1684484
Conc: 15.81 ug/ml



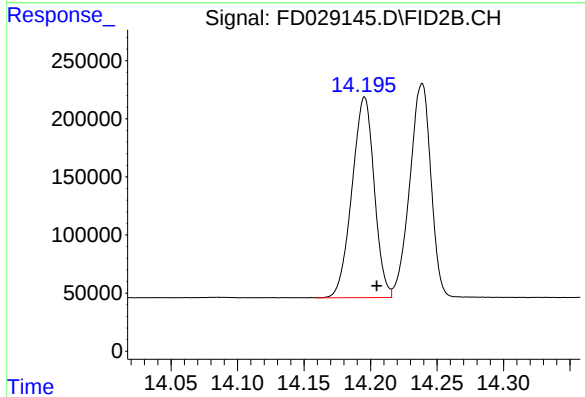
#12 Fluoranthene (C21.85)

R.T.: 12.031 min
Delta R.T.: -0.011 min
Response: 1958679
Conc: 19.49 ug/ml m



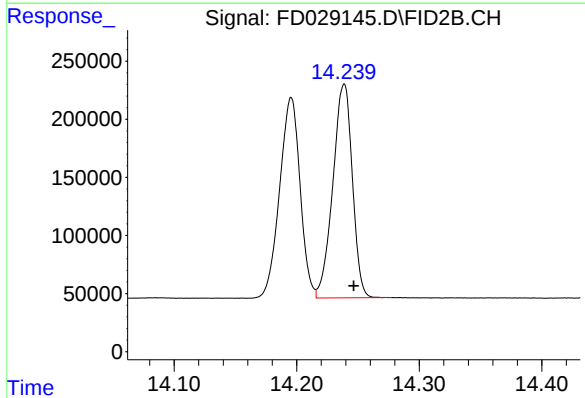
#13 Pyrene (C20.8)

R.T.: 12.330 min
Delta R.T.: -0.010 min
Response: 1995335
Conc: 19.66 ug/ml



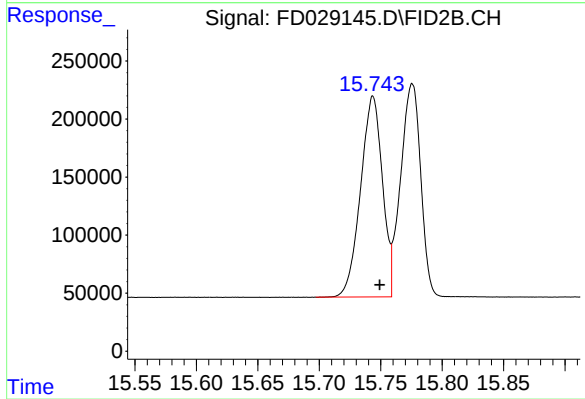
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.196 min
Delta R.T.: -0.009 min
Response: 2007062
Conc: 19.79 ug/ml



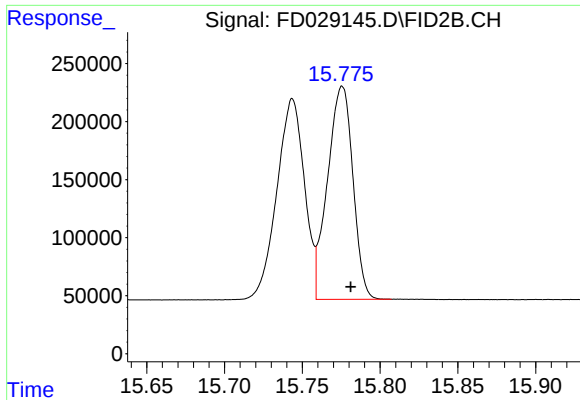
#15 Chrysene (C27.41)

R.T.: 14.239 min
Delta R.T.: -0.008 min
Response: 2033201
Conc: 19.94 ug/ml



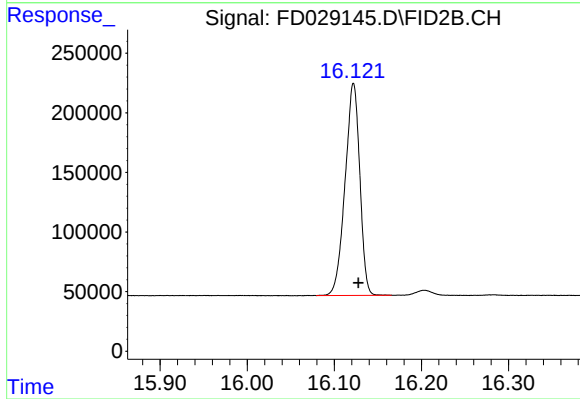
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.744 min
Delta R.T.: -0.005 min
Response: 2141420
Conc: 19.96 ug/ml



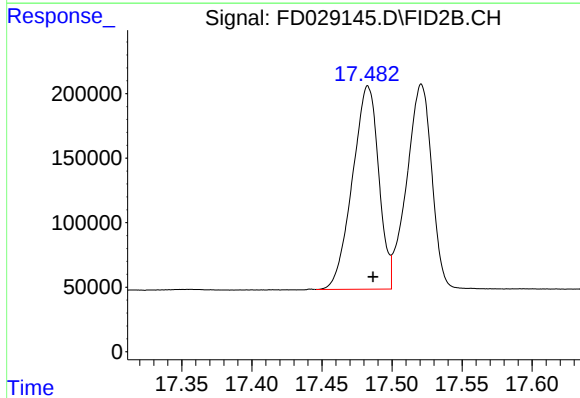
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.776 min
Delta R.T.: -0.006 min
Response: 2087865
Conc: 19.66 ug/ml



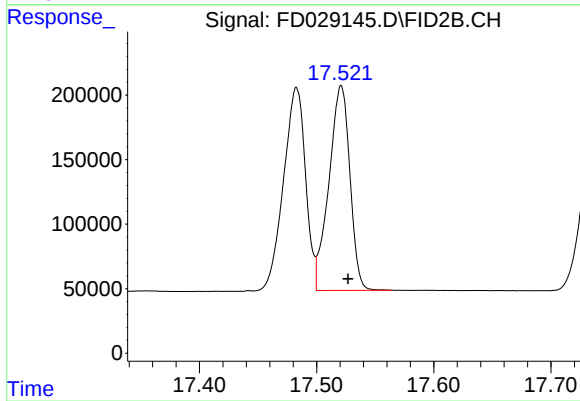
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.122 min
Delta R.T.: -0.006 min
Response: 2088949
Conc: 19.56 ug/ml



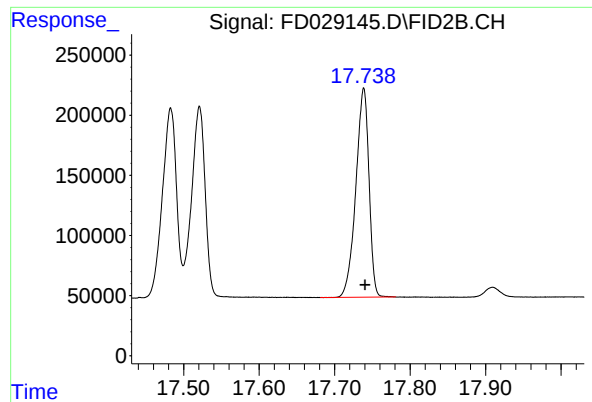
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.483 min
Delta R.T.: -0.004 min
Response: 2057143
Conc: 19.05 ug/ml



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

R.T.: 17.521 min
Delta R.T.: -0.006 min
Response: 1978200
Conc: 18.66 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.002 min
Response: 2102641
Conc: 19.64 ug/ml