

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061219AR\
 Data File : FD029392.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jun 2019 13:12
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 13 07:39:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:38:16 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...	7.736	5799500	47.561 ug/ml
Spiked Amount 50.000		Recovery =	95.12%
6) S 2-Fluorobiphenyl (SURR)	8.601	3974818	47.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.53%
11) S ortho-Terphenyl (SURR)	11.638	6363018	47.361 ug/ml
Spiked Amount 50.000		Recovery =	94.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	6045368	46.994 ug/ml
2) T Naphthalene (C11.7)	6.075	6491878	47.459 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	6437635	47.532 ug/ml
5) T Acenaphthylene (C15.06)	8.405	6240174	47.305 ug/ml
7) T Acenaphthene (C15.5)	8.702	6504874	47.471 ug/ml
8) T Fluorene (C16.55)	9.481	6483970	47.478 ug/ml
9) T Phenanthrene (C19.36)	10.878	6524453	47.511 ug/ml
10) T Anthracene (C19.43)	10.953	6451740	47.408 ug/ml
12) T Fluoranthene (C21.85)	12.688	6520856	47.212 ug/ml
13) T Pyrene (C20.8)	12.986	6528955	47.262 ug/ml
14) T Benzo[a]anthracene (C...	14.852	6224500	47.161 ug/ml
15) T Chrysene (C27.41)	14.898	6217811	47.076 ug/ml
16) T benzo[b]fluoranthene ...	16.399	6118954	47.276 ug/ml
17) T Bnezo[k]fluoranthene ...	16.436	6080176	46.945 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.779	6022721	47.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	5891971	48.095 ug/ml
20) T Dibenz[a,h]anthracene...	18.179	5631950	46.213 ug/ml
21) T Benzo[g,h,i]perylene ...	18.399	5735720	47.112 ug/ml

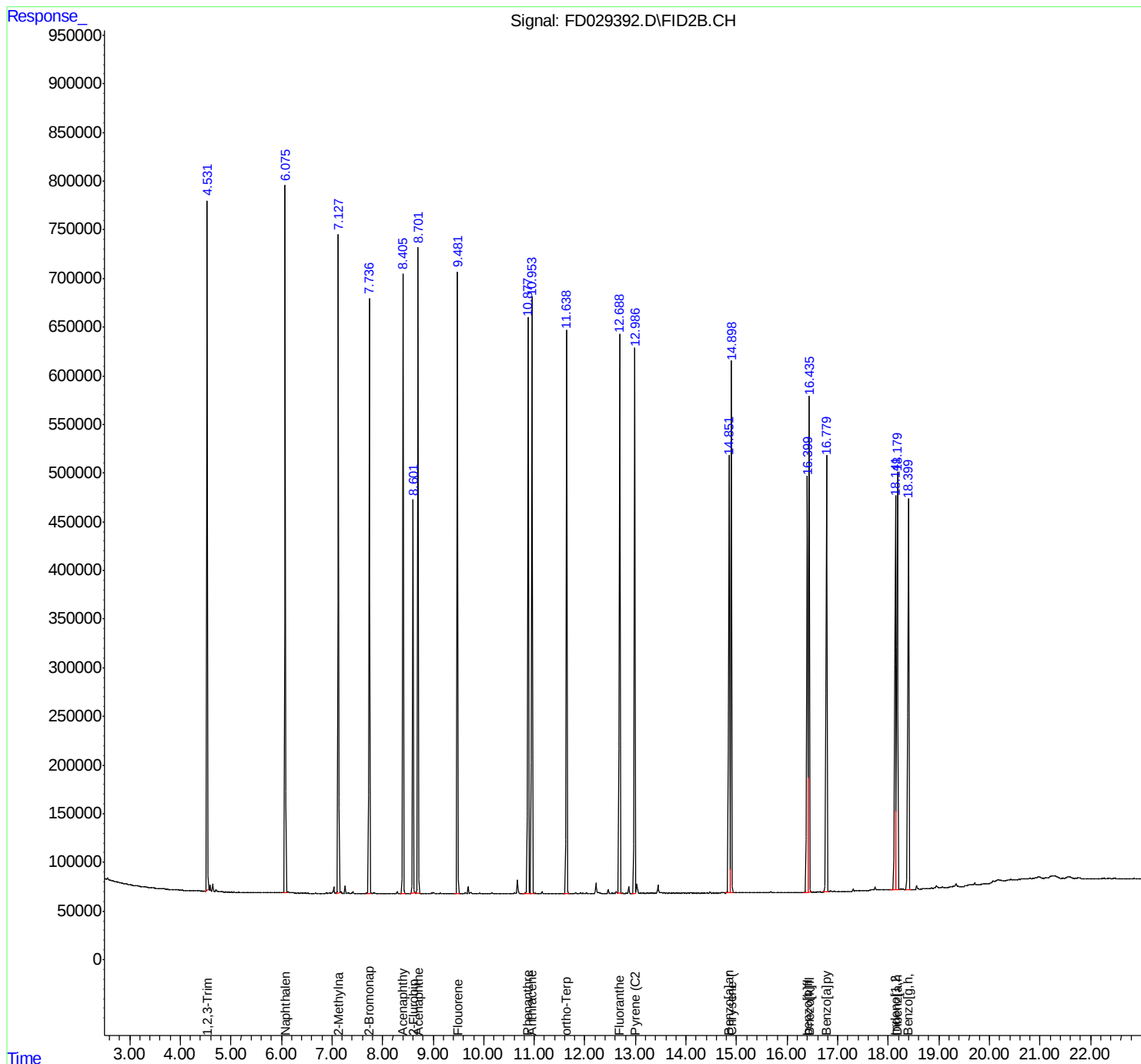
(f)=RT Delta > 1/2 Window

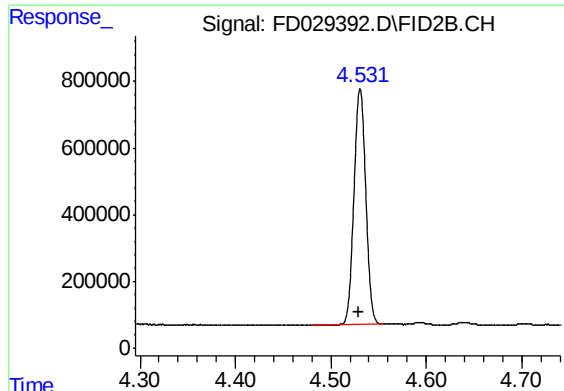
(m)=manual int.

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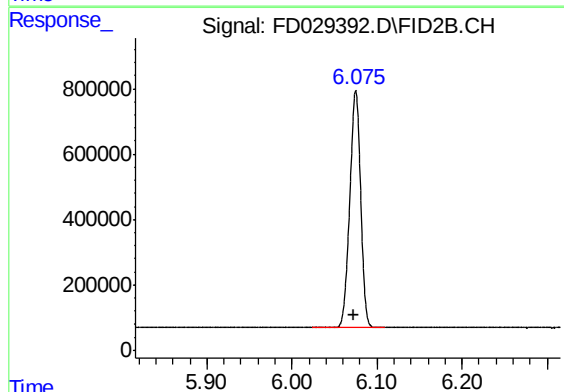
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Signal Info : 20M x 0.18mm x 0.18µm





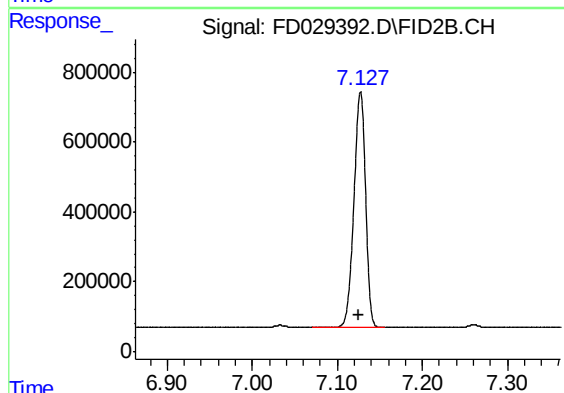
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 6045368
Conc: 46.99 ug/ml



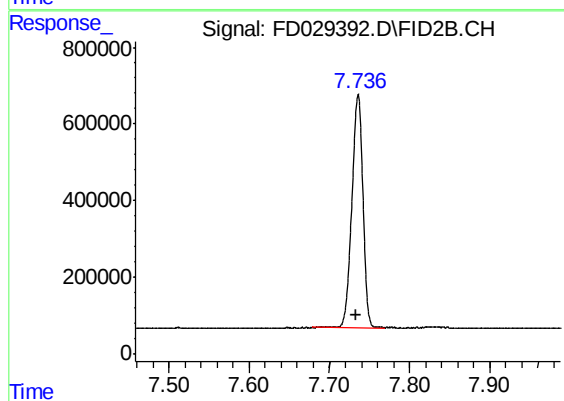
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 6491878
Conc: 47.46 ug/ml



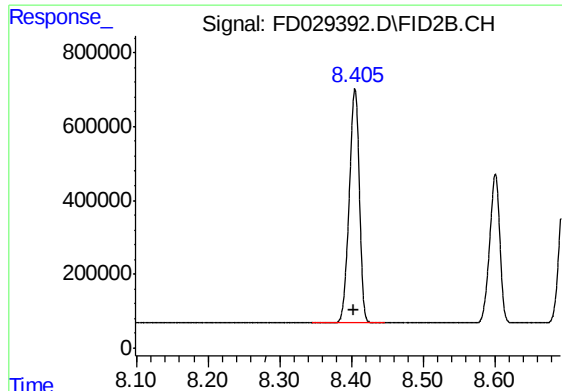
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 6437635
Conc: 47.53 ug/ml



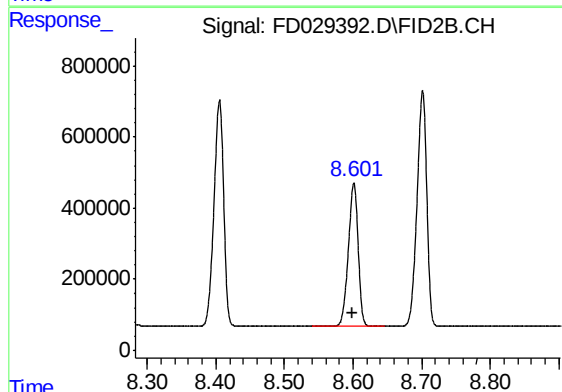
#4 2-Bromonaphthalene (SURR)

R.T.: 7.736 min
Delta R.T.: 0.003 min
Response: 5799500
Conc: 47.56 ug/ml



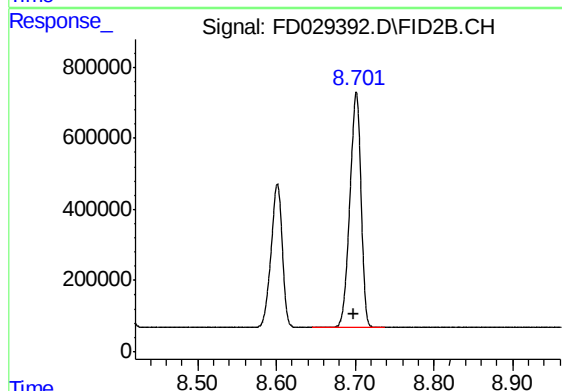
#5 Acenaphthylene (C15.06)

R.T.: 8.405 min
Delta R.T.: 0.003 min
Response: 6240174
Conc: 47.30 ug/ml



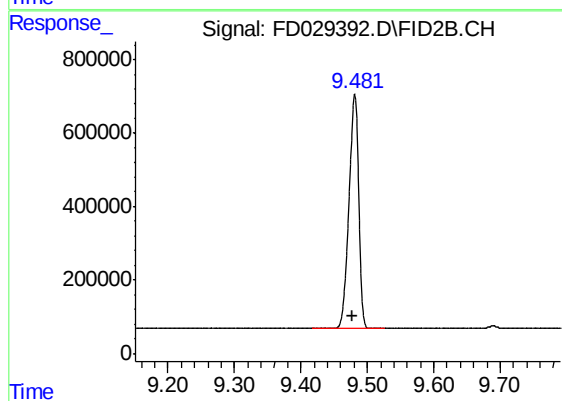
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 3974818
Conc: 47.76 ug/ml



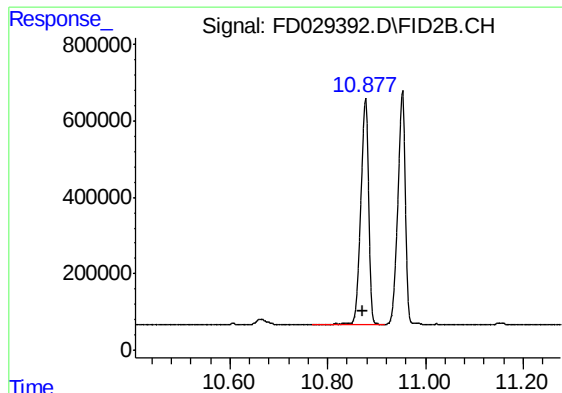
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.004 min
Response: 6504874
Conc: 47.47 ug/ml



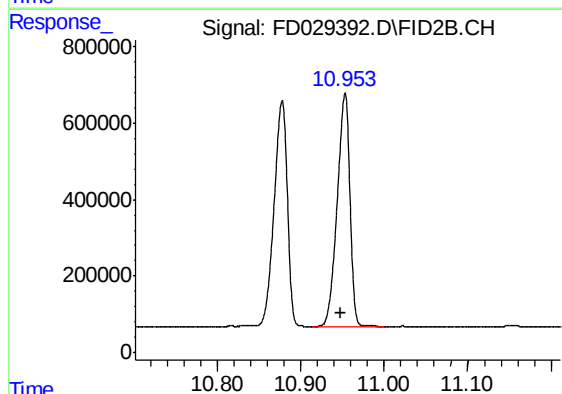
#8 Fluorene (C16.55)

R.T.: 9.481 min
Delta R.T.: 0.004 min
Response: 6483970
Conc: 47.48 ug/ml



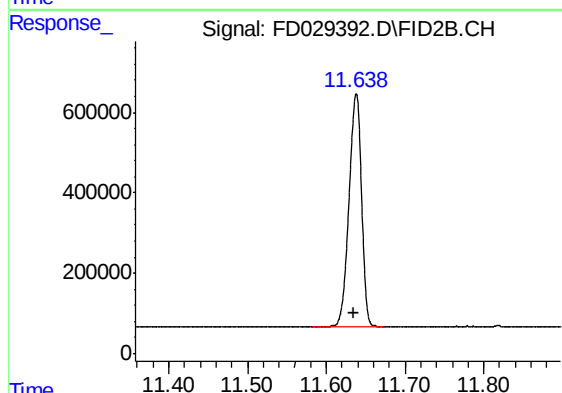
#9 Phenanthrene (C19.36)

R.T.: 10.878 min
Delta R.T.: 0.005 min
Response: 6524453
Conc: 47.51 ug/ml



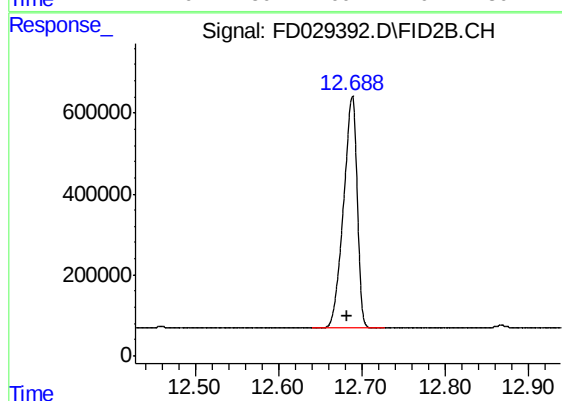
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: 0.006 min
Response: 6451740
Conc: 47.41 ug/ml



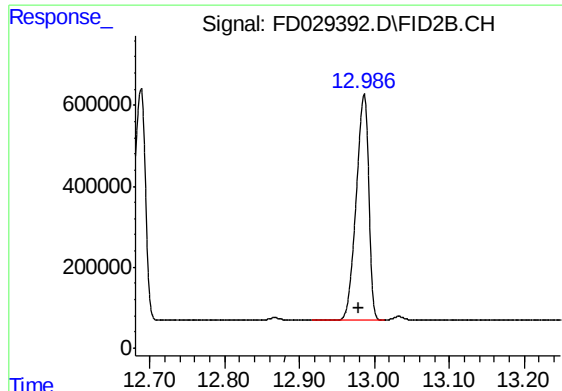
#11 ortho-Terphenyl (SURR)

R.T.: 11.638 min
Delta R.T.: 0.003 min
Response: 6363018
Conc: 47.36 ug/ml



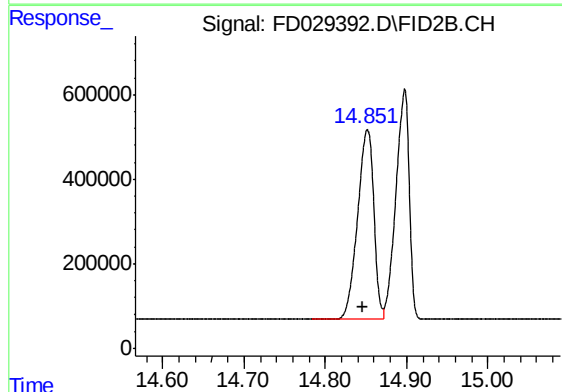
#12 Fluoranthene (C21.85)

R.T.: 12.688 min
Delta R.T.: 0.007 min
Response: 6520856
Conc: 47.21 ug/ml



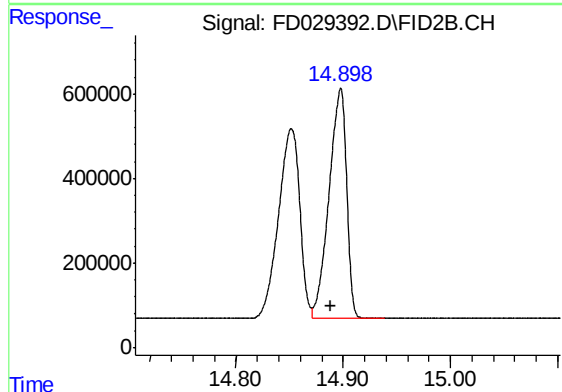
#13 Pyrene (C20.8)

R.T.: 12.986 min
Delta R.T.: 0.007 min
Response: 6528955
Conc: 47.26 ug/ml



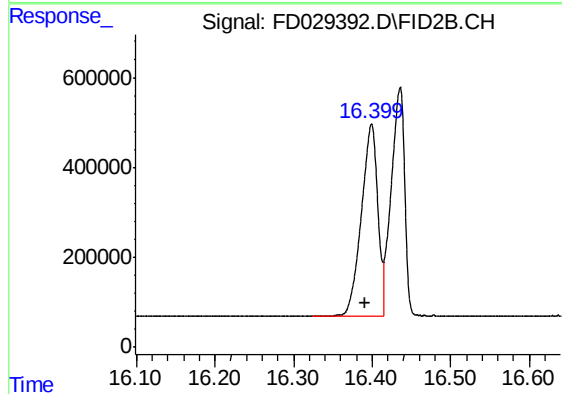
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.852 min
Delta R.T.: 0.006 min
Response: 6224500
Conc: 47.16 ug/ml



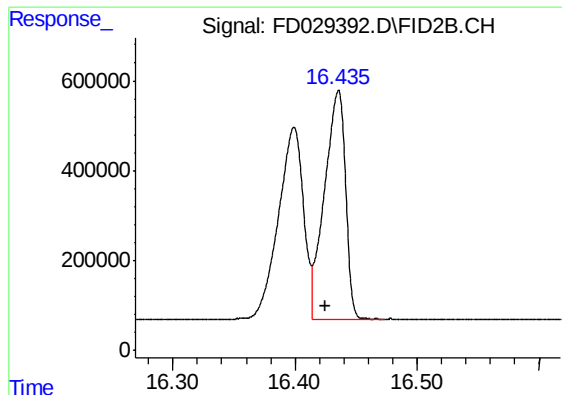
#15 Chrysene (C27.41)

R.T.: 14.898 min
Delta R.T.: 0.009 min
Response: 6217811
Conc: 47.08 ug/ml



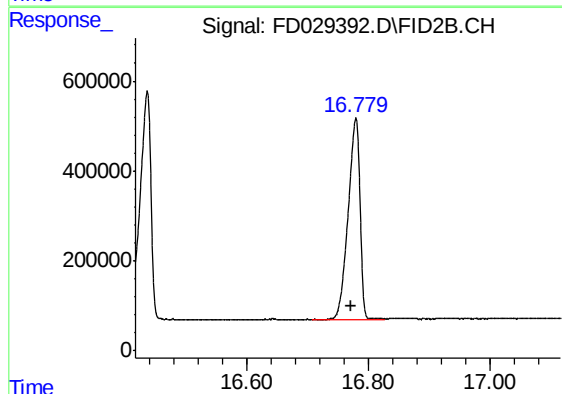
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.399 min
Delta R.T.: 0.008 min
Response: 6118954
Conc: 47.28 ug/ml



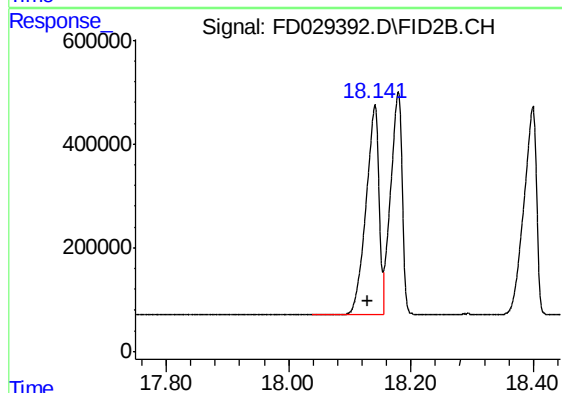
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.436 min
Delta R.T.: 0.011 min
Response: 6080176
Conc: 46.95 ug/ml



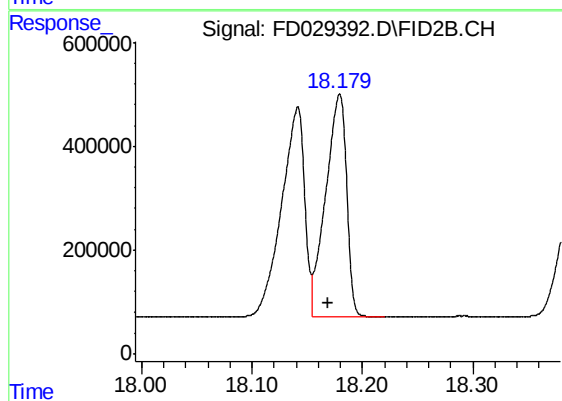
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.779 min
Delta R.T.: 0.009 min
Response: 6022721
Conc: 47.05 ug/ml



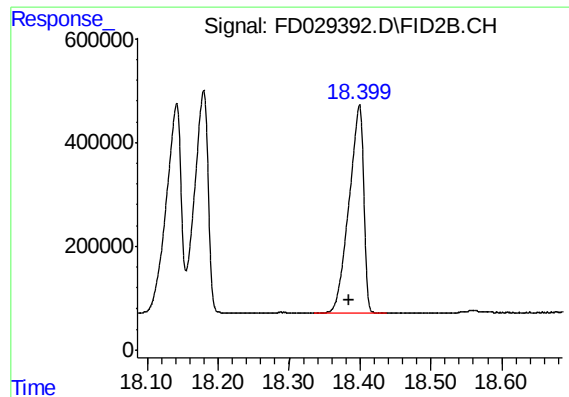
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: 0.012 min
Response: 5891971
Conc: 48.09 ug/ml



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

R.T.: 18.179 min
Delta R.T.: 0.010 min
Response: 5631950
Conc: 46.21 ug/ml



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

R.T.: 18.399 min
Delta R.T.: 0.014 min
Response: 5735720
Conc: 47.11 ug/ml