

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080520AR\
 Data File : FD034345.D
 Signal(s) : FID2B.CH
 Acq On : 05 Aug 2020 8:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 01:31:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 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...	7.699	2549761	21.809 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
6) S 2-Fluorobiphenyl (SURR)	8.565	1802944	21.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.49%
11) S ortho-Terphenyl (SURR)	11.605	2883287	21.217 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	2806067	22.015 ug/ml
2) T Naphthalene (C11.7)	6.036	2936063	21.946 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	2952890	21.876 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2849380	21.530 ug/ml
7) T Acenaphthene (C15.5)	8.664	2916720	21.688 ug/ml
8) T Fluorene (C16.55)	9.444	2915841	21.937 ug/ml
9) T Phenanthrene (C19.36)	10.841	2855886	21.306 ug/ml
10) T Anthracene (C19.43)	10.916	2783786	20.975 ug/ml
12) T Fluoranthene (C21.85)	12.654	2868840	21.107 ug/ml
13) T Pyrene (C20.8)	12.951	2795627	20.995 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2746409	20.925 ug/ml
15) T Chrysene (C27.41)	14.864	2750817	20.981 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2717823	21.244 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2621022	21.162 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2659134	21.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	2598128	21.592 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	2672538	22.638 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2597485	21.922 ug/ml

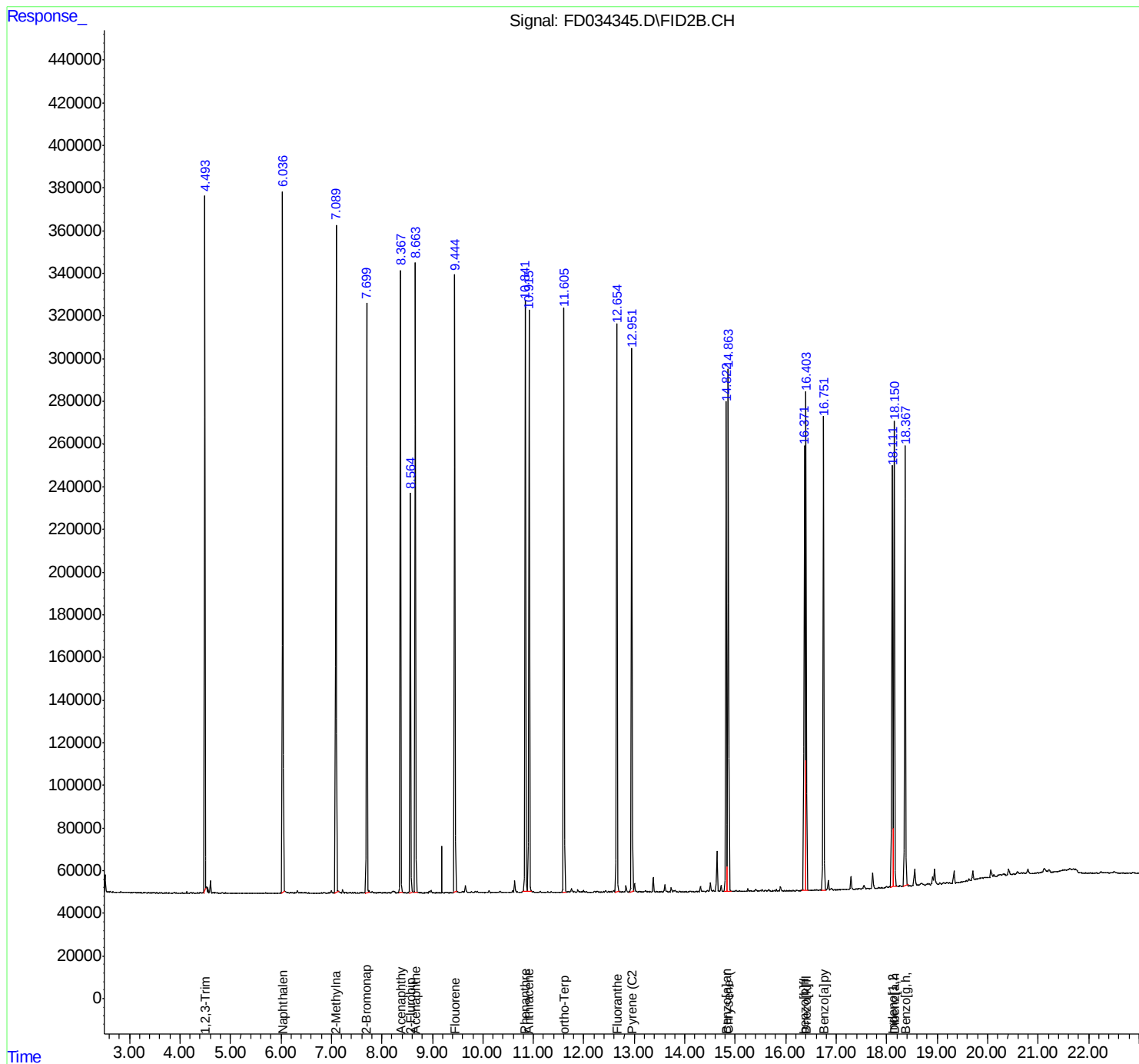
(f)=RT Delta > 1/2 Window

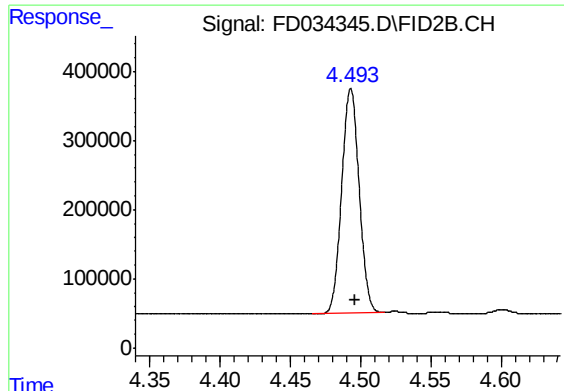
(m)=manual int.

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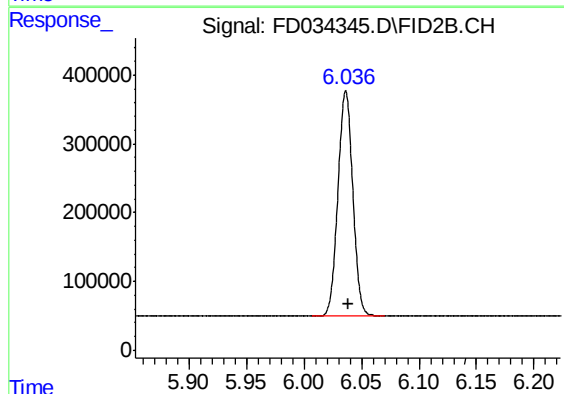
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Signal Info : 20M x 0.18mm x 0.18µm





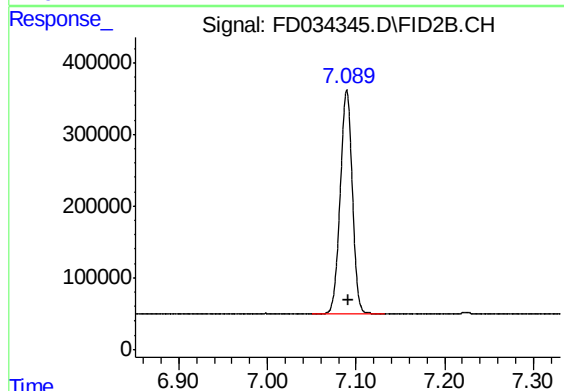
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 2806067
Conc: 22.02 ug/ml



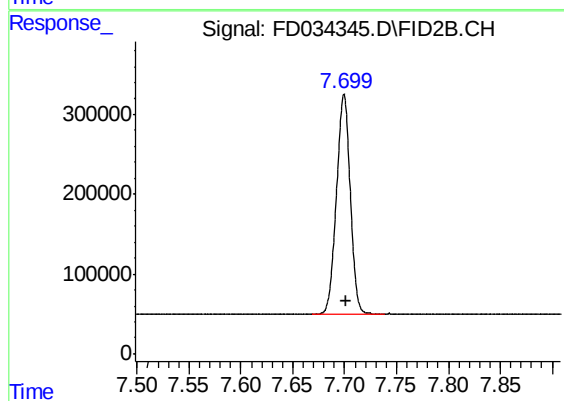
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.003 min
Response: 2936063
Conc: 21.95 ug/ml



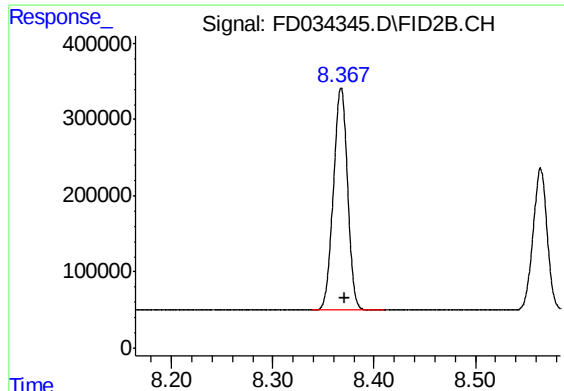
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 2952890
Conc: 21.88 ug/ml



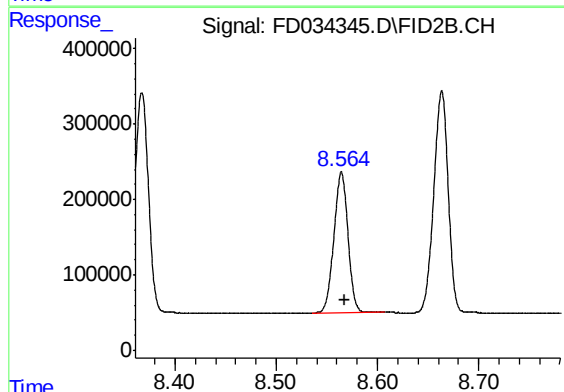
#4 2-Bromonaphthalene (SURR)

R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 2549761
Conc: 21.81 ug/ml



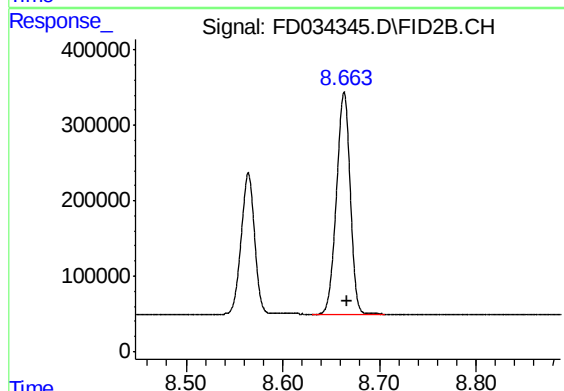
#5 Acenaphthylene (C15.06)

R.T.: 8.367 min
Delta R.T.: -0.003 min
Response: 2849380
Conc: 21.53 ug/ml



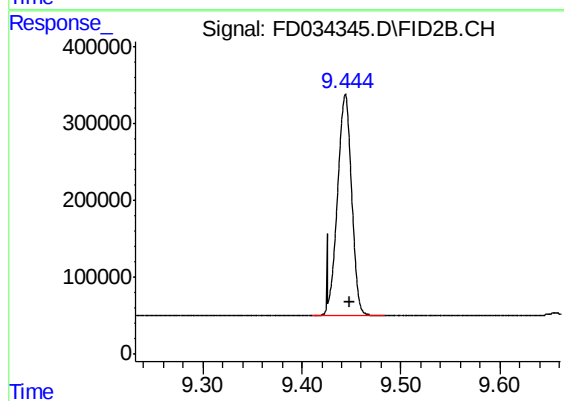
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 1802944
Conc: 21.75 ug/ml



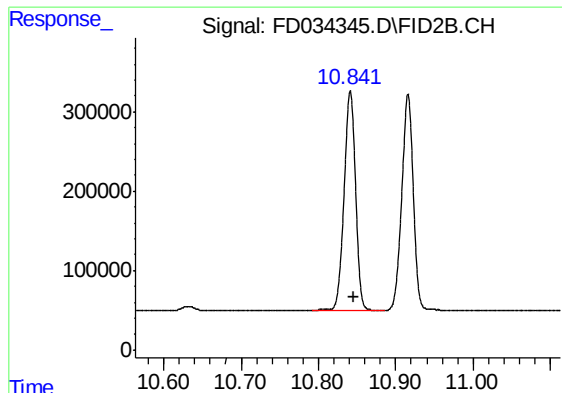
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: -0.003 min
Response: 2916720
Conc: 21.69 ug/ml



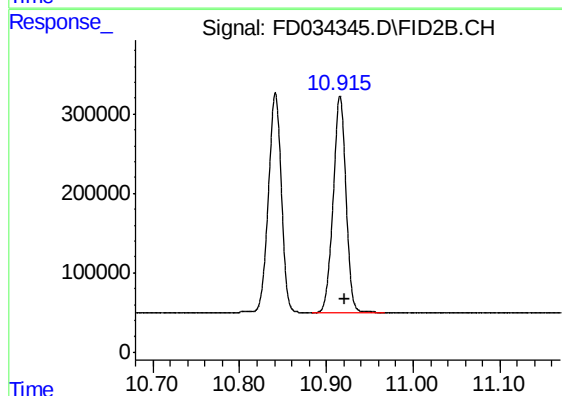
#8 Flouorene (C16.55)

R.T.: 9.444 min
Delta R.T.: -0.004 min
Response: 2915841
Conc: 21.94 ug/ml



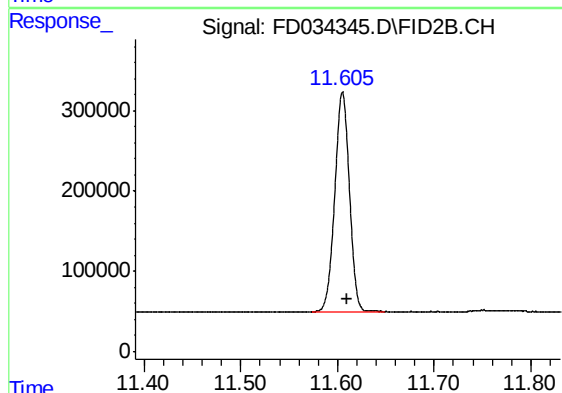
#9 Phenanthrene (C19.36)

R.T.: 10.841 min
Delta R.T.: -0.005 min
Response: 2855886
Conc: 21.31 ug/ml



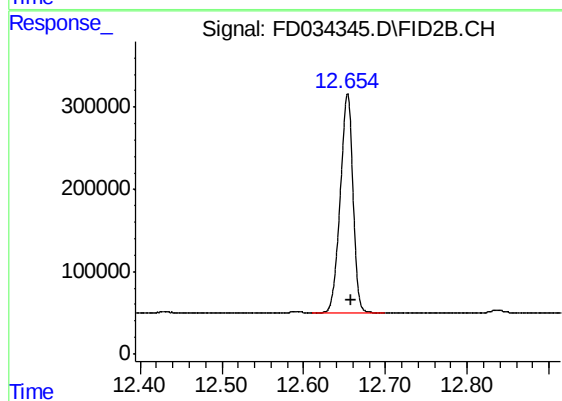
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: -0.005 min
Response: 2783786
Conc: 20.97 ug/ml



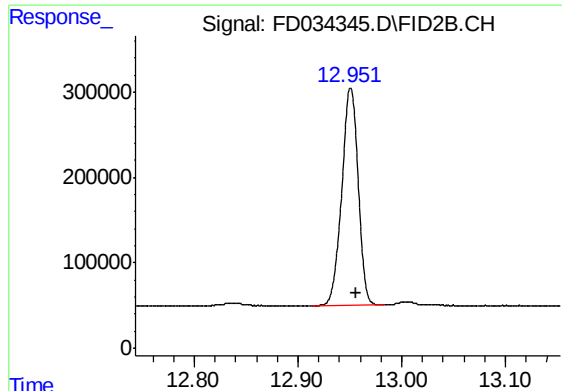
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: -0.004 min
Response: 2883287
Conc: 21.22 ug/ml



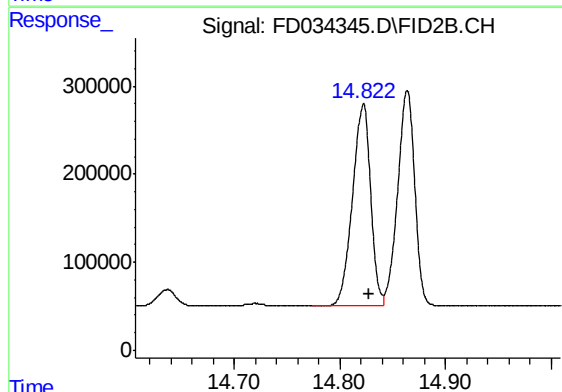
#12 Fluoranthene (C21.85)

R.T.: 12.654 min
Delta R.T.: -0.005 min
Response: 2868840
Conc: 21.11 ug/ml



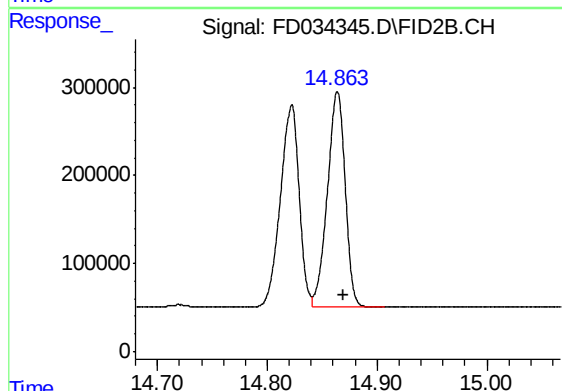
#13 Pyrene (C20.8)

R.T.: 12.951 min
Delta R.T.: -0.006 min
Response: 2795627
Conc: 20.99 ug/ml



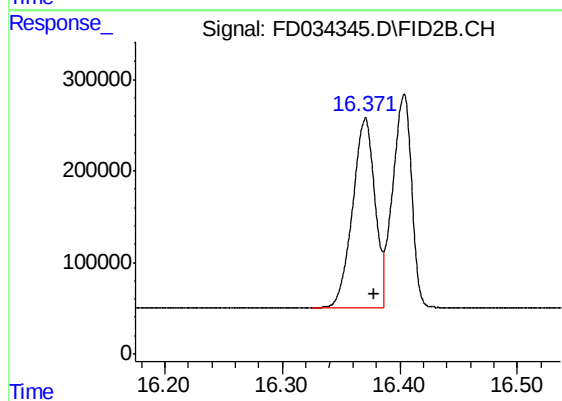
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.005 min
Response: 2746409
Conc: 20.93 ug/ml



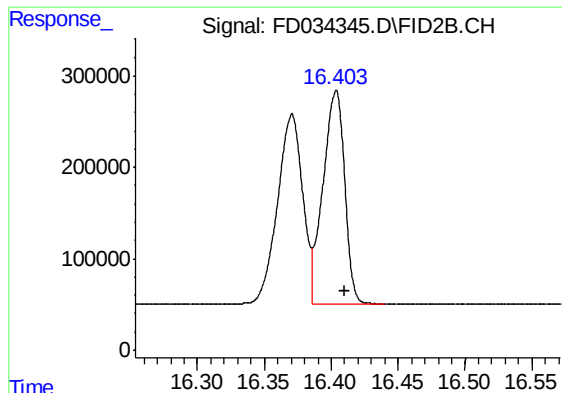
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.006 min
Response: 2750817
Conc: 20.98 ug/ml



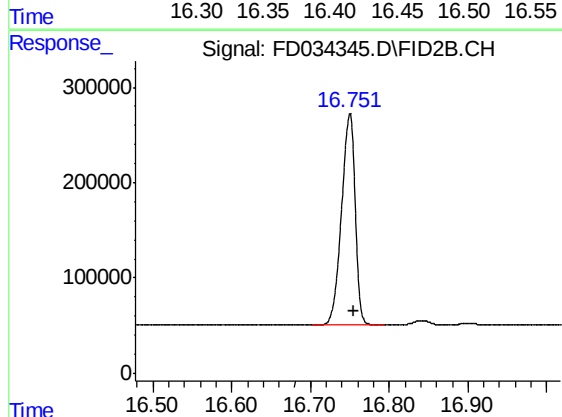
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.371 min
Delta R.T.: -0.007 min
Response: 2717823
Conc: 21.24 ug/ml



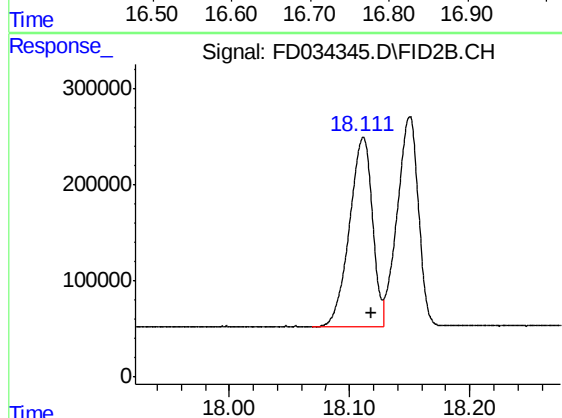
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.404 min
Delta R.T.: -0.006 min
Response: 2621022
Conc: 21.16 ug/ml



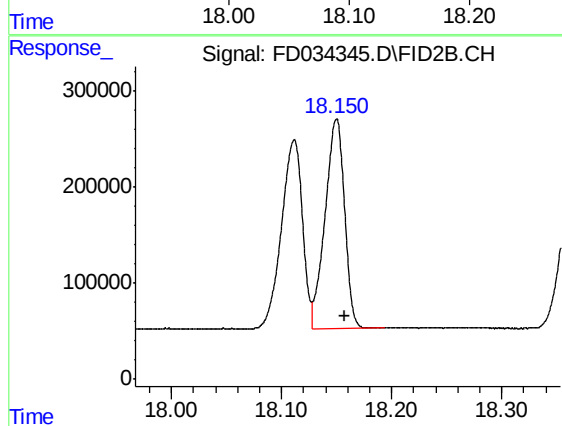
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.005 min
Response: 2659134
Conc: 21.24 ug/ml



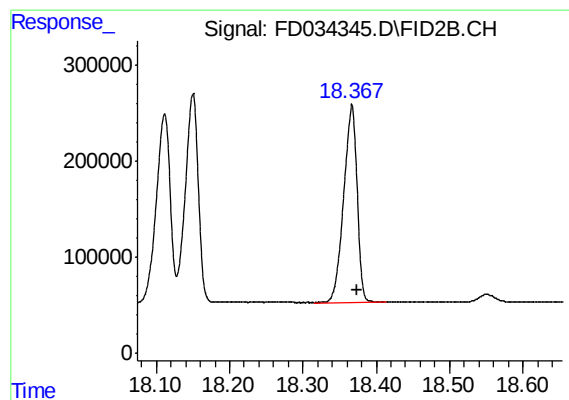
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: -0.007 min
Response: 2598128
Conc: 21.59 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.008 min
Response: 2672538
Conc: 22.64 ug/ml



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

R.T.: 18.367 min
Delta R.T.: -0.007 min
Response: 2597485
Conc: 21.92 ug/ml