

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072519AR\
 Data File : FD029841.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jul 2019 12:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 01:03:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.684	3314819	20.948 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
6) S 2-Fluorobiphenyl (SURR)	8.546	2217037	20.639 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.28%
11) S ortho-Terphenyl (SURR)	11.580	3396014	20.011 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.485	3594933	21.263 ug/ml
2) T Naphthalene (C11.7)	6.024	3782421	21.135 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	3701590	20.982 ug/ml
5) T Acenaphthylene (C15.06)	8.350	3468060	20.486 ug/ml
7) T Acenaphthene (C15.5)	8.645	3640133	20.658 ug/ml
8) T Fluorene (C16.55)	9.424	3570500	20.434 ug/ml
9) T Phenanthrene (C19.36)	10.817	3470614	20.013 ug/ml
10) T Anthracene (C19.43)	10.892	3175195	18.779 ug/ml
12) T Fluoranthene (C21.85)	12.625	3297438	19.256 ug/ml
13) T Pyrene (C20.8)	12.922	3237313	19.031 ug/ml
14) T Benzo[a]anthracene (C...	14.787	2846258	18.258 ug/ml
15) T Chrysene (C27.41)	14.829	2864482	18.378 ug/ml
16) T benzo[b]fluoranthene ...	16.332	2702345	18.506 ug/ml
17) T Bnezo[k]fluoranthene ...	16.365	2669617	18.459 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.710	2603688	18.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	2603473	20.435 ug/ml
20) T Dibenz[a,h]anthracene...	18.109	2645787	21.156 ug/ml
21) T Benzo[g,h,i]perylene ...	18.325	2621584	21.016 ug/ml

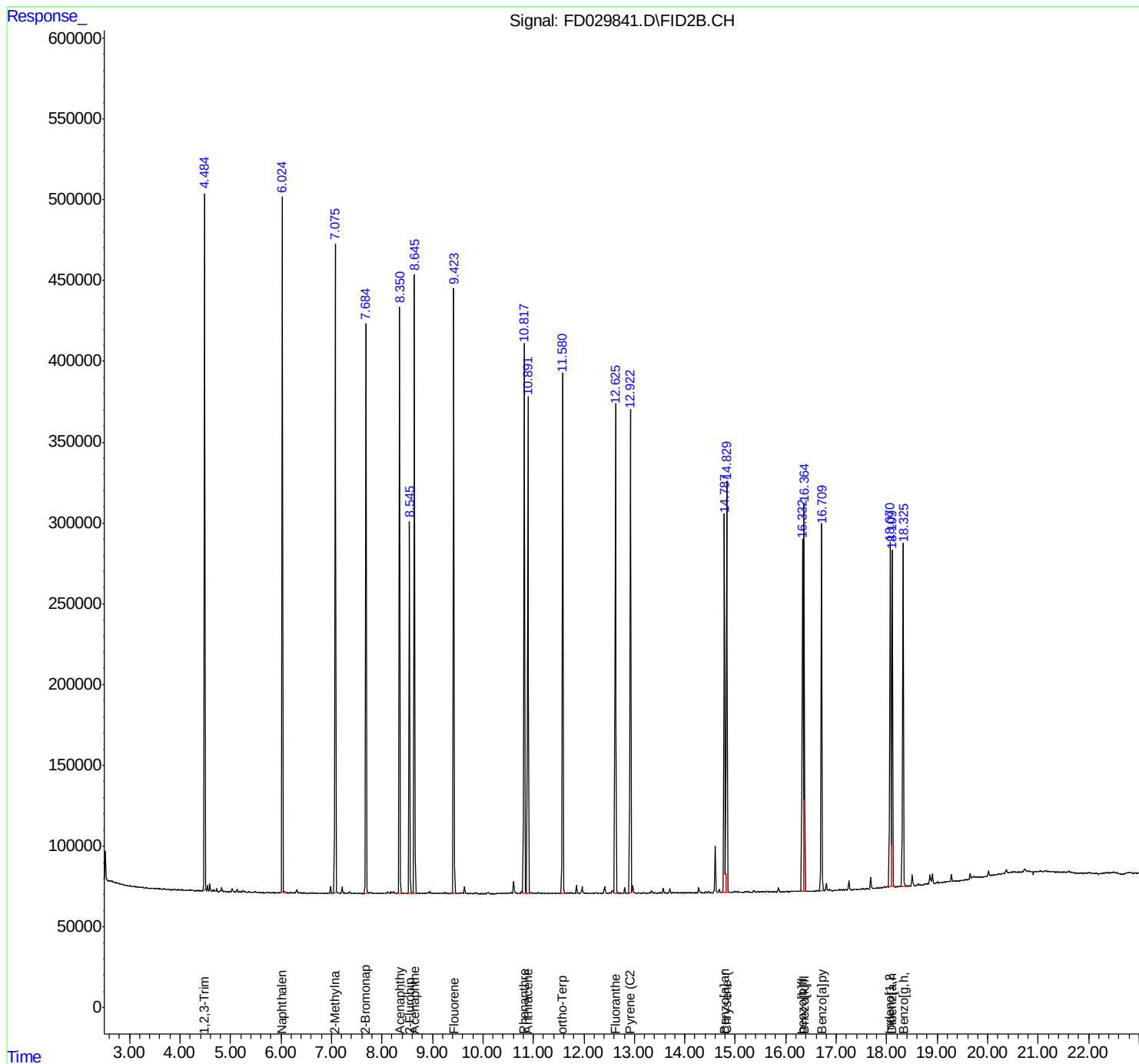
(f)=RT Delta > 1/2 Window

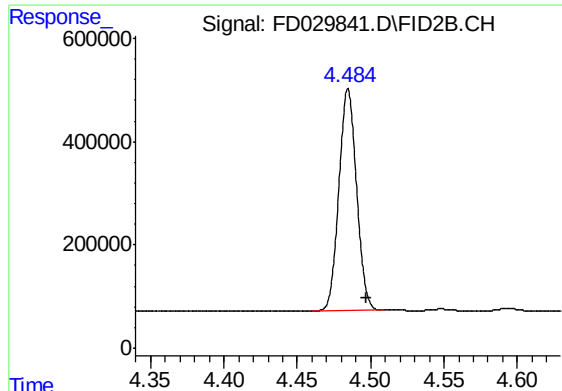
(m)=manual int.

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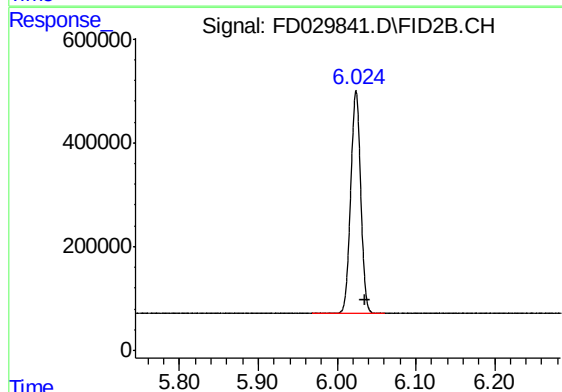
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Signal Info : 20M x 0.18mm x 0.18µm





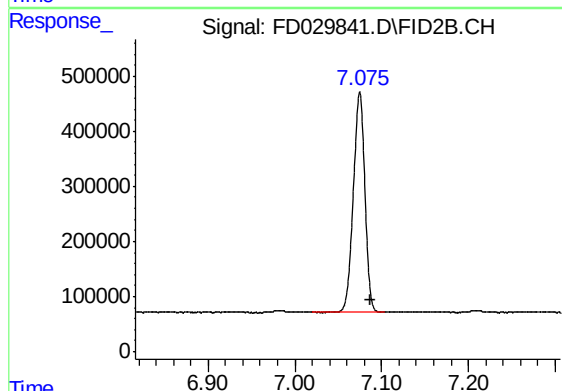
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.485 min
Delta R.T.: -0.012 min
Response: 3594933
Conc: 21.26 ug/ml



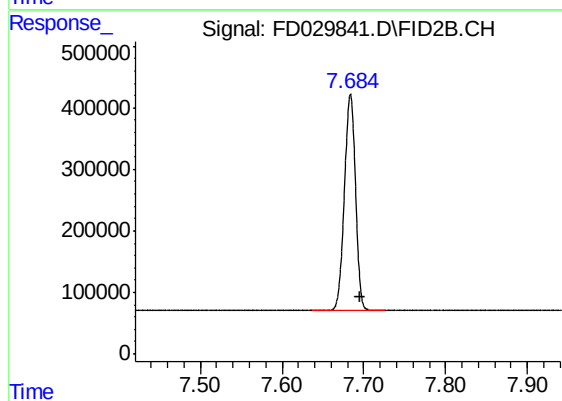
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.012 min
Response: 3782421
Conc: 21.14 ug/ml



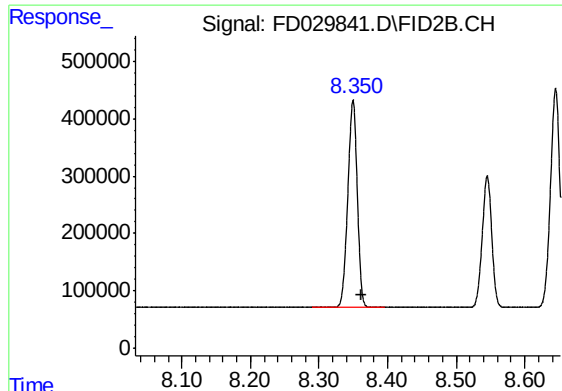
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: -0.012 min
Response: 3701590
Conc: 20.98 ug/ml



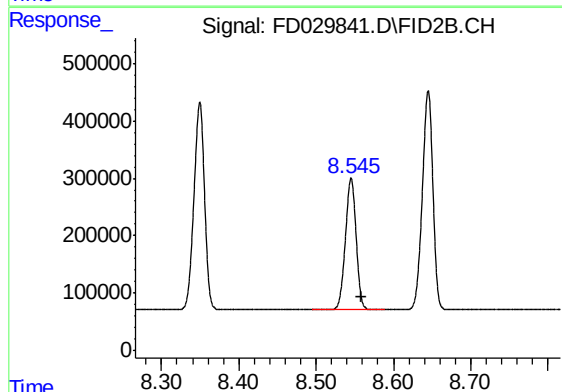
#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min
Delta R.T.: -0.012 min
Response: 3314819
Conc: 20.95 ug/ml



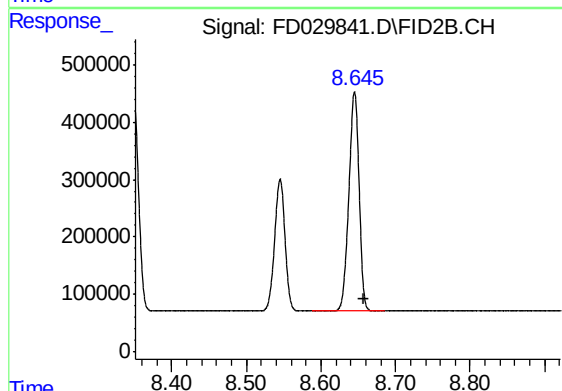
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.013 min
Response: 3468060
Conc: 20.49 ug/ml



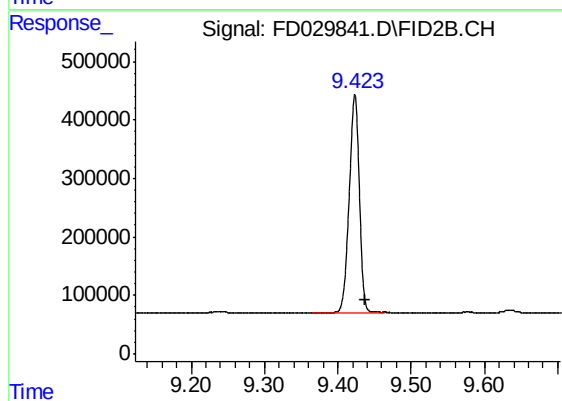
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.546 min
Delta R.T.: -0.013 min
Response: 2217037
Conc: 20.64 ug/ml



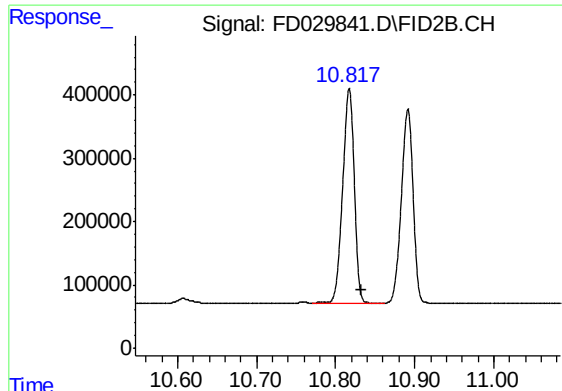
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.013 min
Response: 3640133
Conc: 20.66 ug/ml



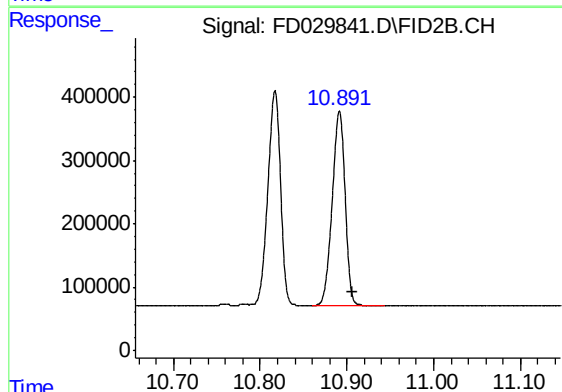
#8 Fluorene (C16.55)

R.T.: 9.424 min
Delta R.T.: -0.014 min
Response: 3570500
Conc: 20.43 ug/ml



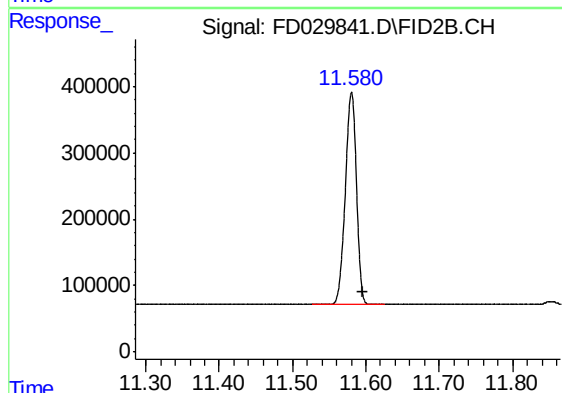
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.015 min
Response: 3470614
Conc: 20.01 ug/ml



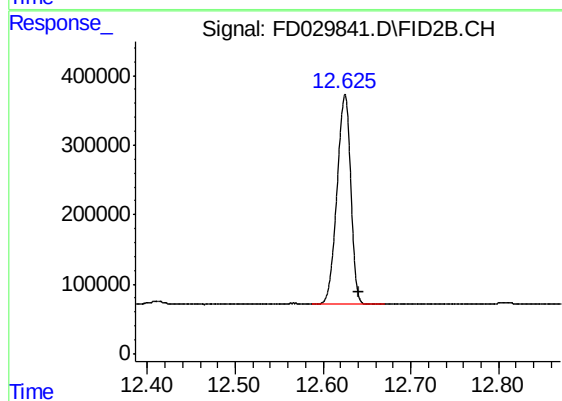
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.015 min
Response: 3175195
Conc: 18.78 ug/ml



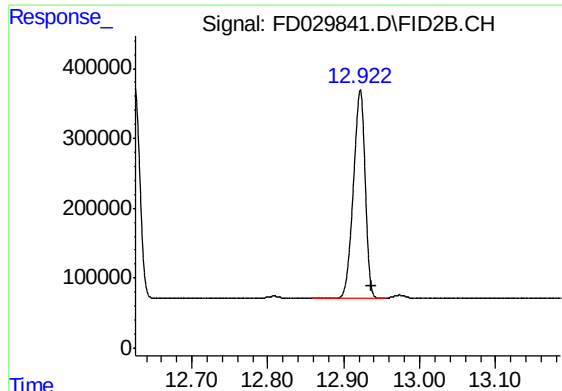
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: -0.014 min
Response: 3396014
Conc: 20.01 ug/ml



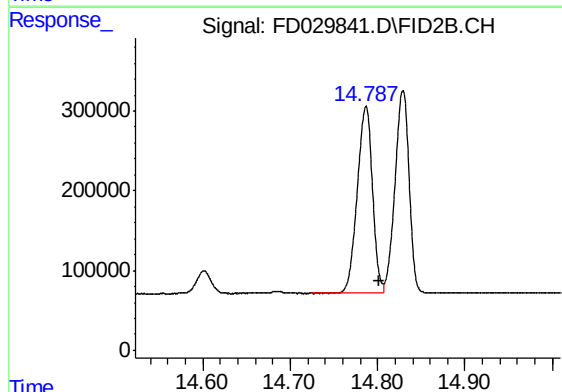
#12 Fluoranthene (C21.85)

R.T.: 12.625 min
Delta R.T.: -0.015 min
Response: 3297438
Conc: 19.26 ug/ml



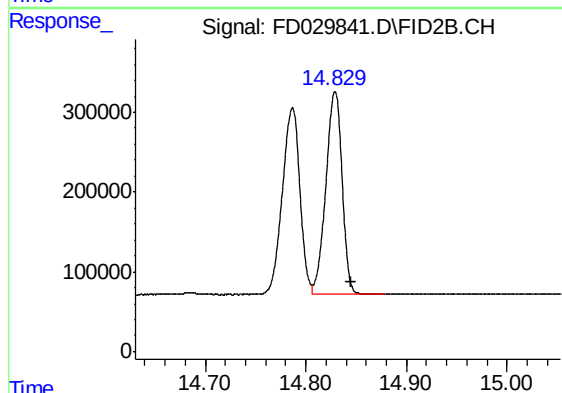
#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: -0.015 min
Response: 3237313
Conc: 19.03 ug/ml



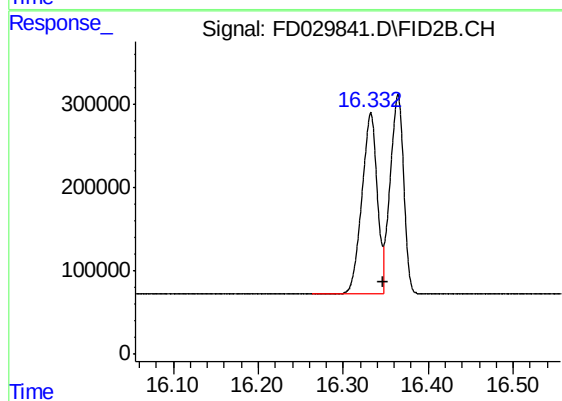
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: -0.015 min
Response: 2846258
Conc: 18.26 ug/ml



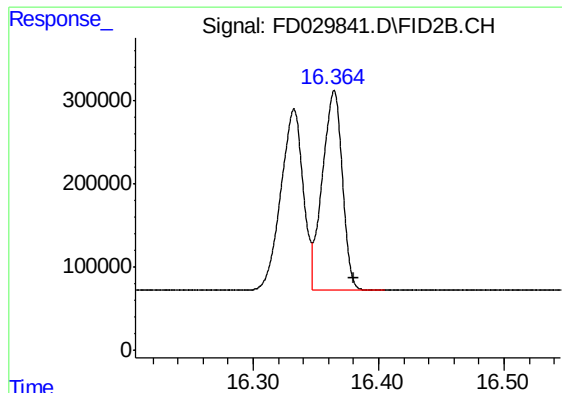
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: -0.016 min
Response: 2864482
Conc: 18.38 ug/ml



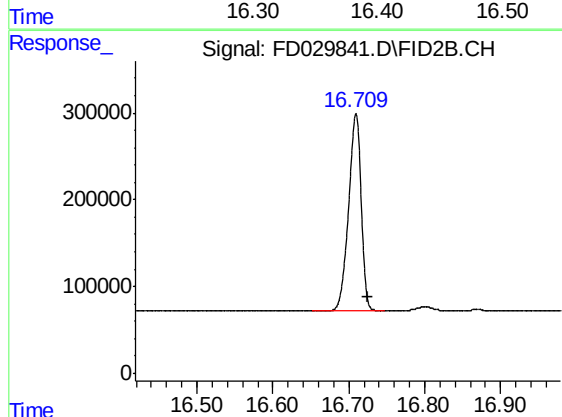
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.332 min
Delta R.T.: -0.015 min
Response: 2702345
Conc: 18.51 ug/ml



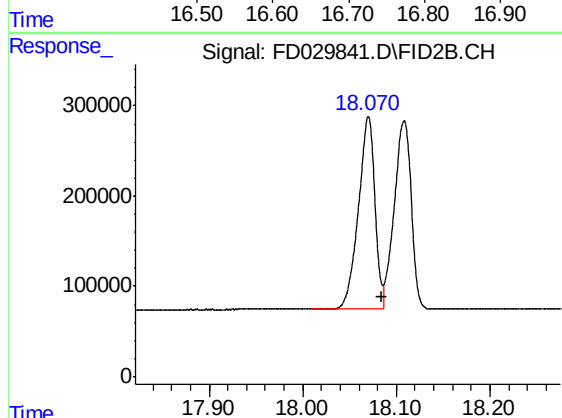
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.365 min
Delta R.T.: -0.015 min
Response: 2669617
Conc: 18.46 ug/ml



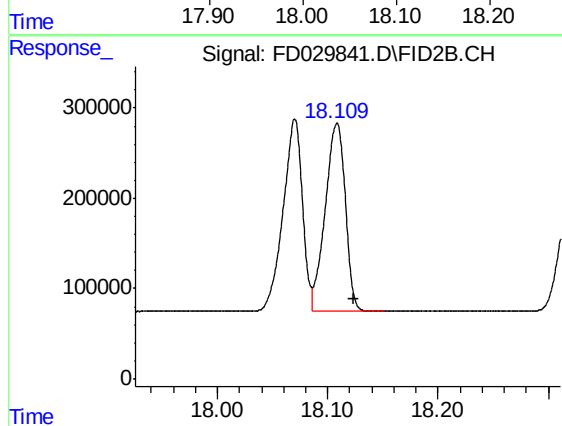
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.710 min
Delta R.T.: -0.015 min
Response: 2603688
Conc: 18.57 ug/ml



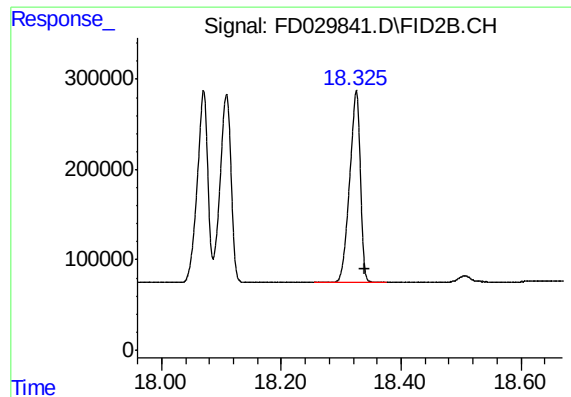
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: -0.014 min
Response: 2603473
Conc: 20.44 ug/ml



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

R.T.: 18.109 min
Delta R.T.: -0.015 min
Response: 2645787
Conc: 21.16 ug/ml



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

R.T.: 18.325 min
Delta R.T.: -0.014 min
Response: 2621584
Conc: 21.02 ug/ml