

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110519AR\
 Data File : FD031346.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2019 23:38
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 02:52:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 02:50:56 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...	7.636	1249601	10.295 ug/ml
Spiked Amount 50.000		Recovery =	20.59%
6) S 2-Fluorobiphenyl (SURR)	8.495	862706	10.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.53%
11) S ortho-Terphenyl (SURR)	11.536	1340068	10.292 ug/ml
Spiked Amount 50.000		Recovery =	20.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	1267399	10.292 ug/ml
2) T Naphthalene (C11.7)	5.976	1361011	10.277 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	1354299	10.253 ug/ml
5) T Acenaphthylene (C15.06)	8.299	1319340	10.273 ug/ml
7) T Acenaphthene (C15.5)	8.594	1372051	10.270 ug/ml
8) T Flouorene (C16.55)	9.374	1369137	10.269 ug/ml
9) T Phenanthrene (C19.36)	10.767	1379964	10.251 ug/ml
10) T Anthracene (C19.43)	10.841	1354093	10.301 ug/ml
12) T Fluoranthene (C21.85)	12.575	1397571	10.379 ug/ml
13) T Pyrene (C20.8)	12.872	1380317	10.303 ug/ml
14) T Benzo[a]anthracene (C...	14.740	1329182	10.277 ug/ml
15) T Chrysene (C27.41)	14.782	1347397	10.435 ug/ml
16) T benzo[b]fluoranthene ...	16.286	1309333	10.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	1329426	10.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	1296219	10.202 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	1252062	10.141 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	1298586	10.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	1256916	10.181 ug/ml

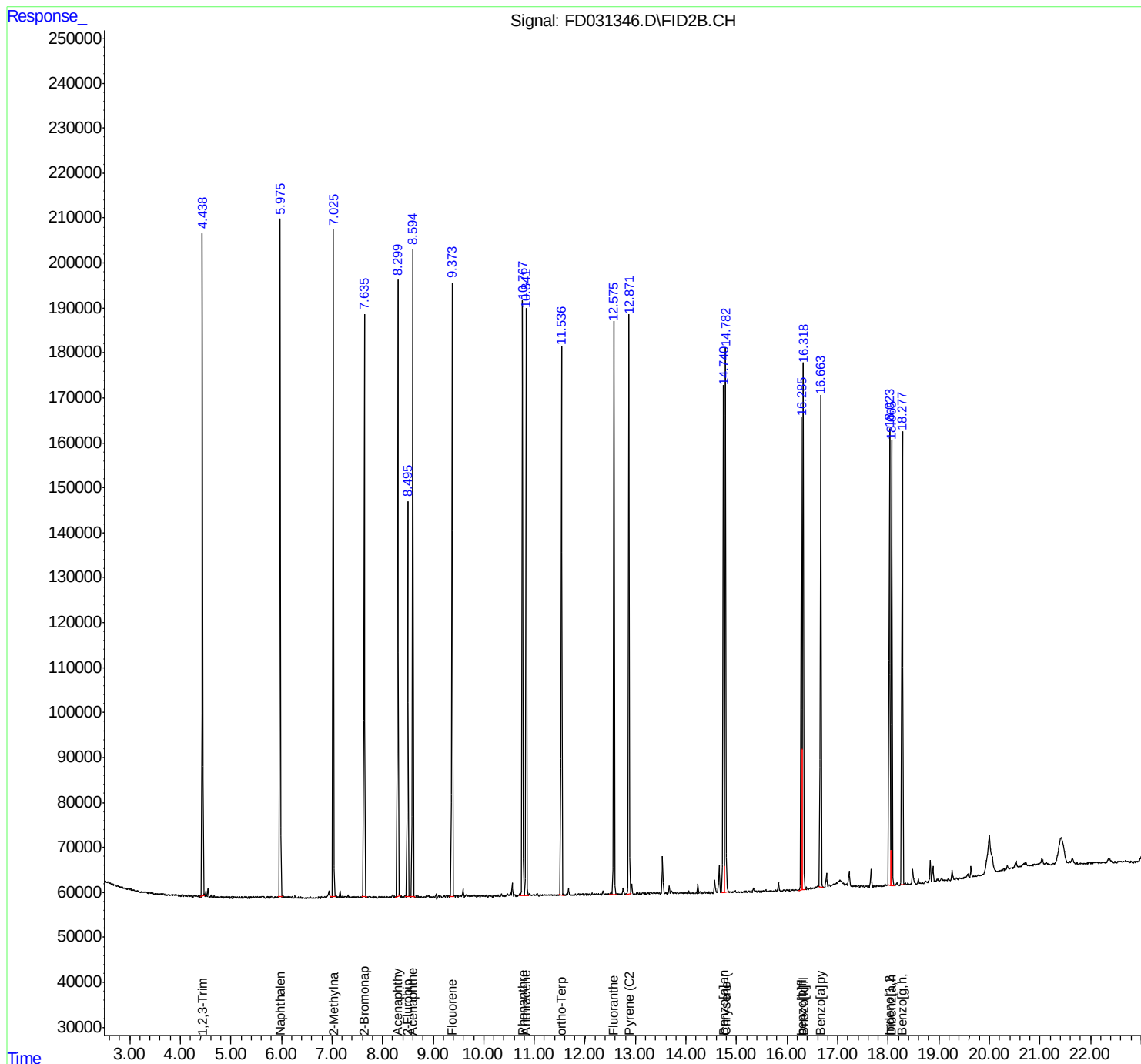
(f)=RT Delta > 1/2 Window

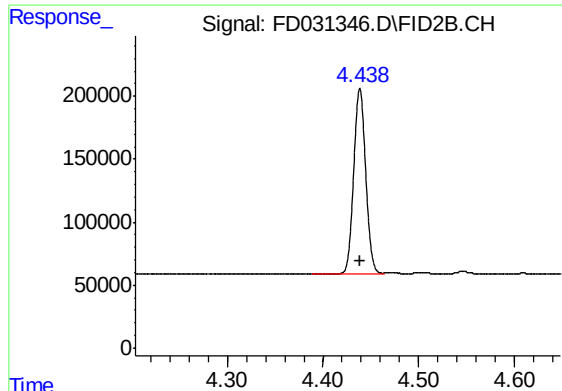
(m)=manual int.

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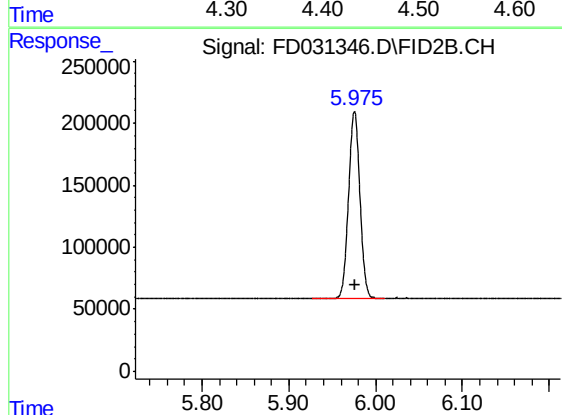
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Signal Info : 20M x 0.18mm x 0.18µm





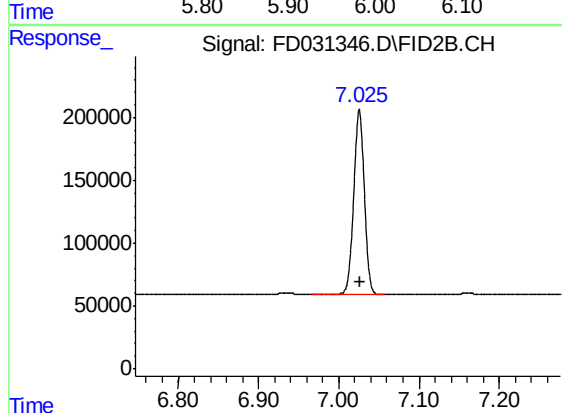
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 1267399
Conc: 10.29 ug/ml



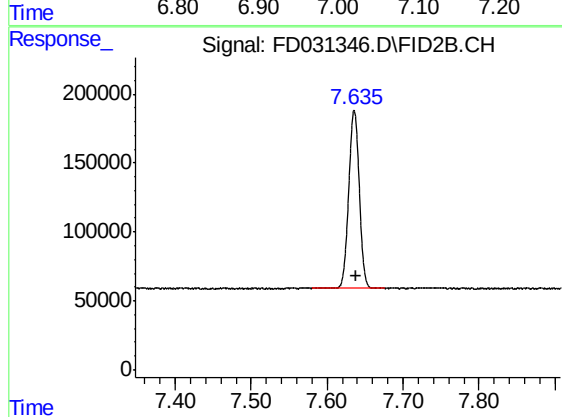
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 1361011
Conc: 10.28 ug/ml



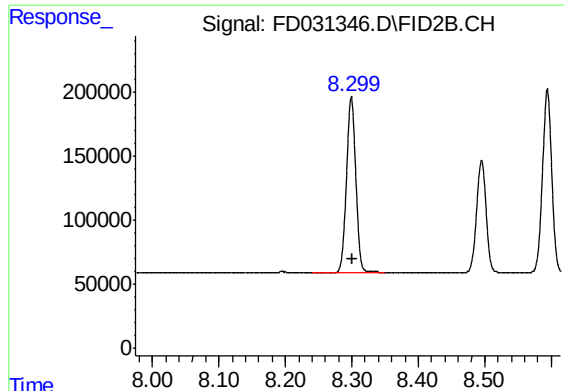
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.001 min
Response: 1354299
Conc: 10.25 ug/ml



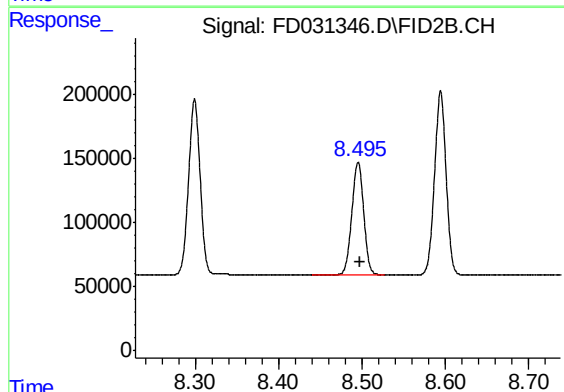
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: -0.002 min
Response: 1249601
Conc: 10.29 ug/ml



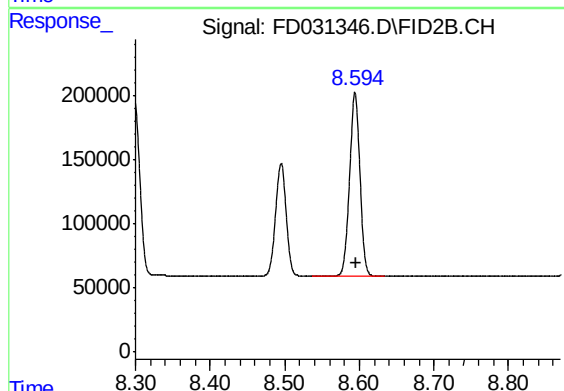
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.002 min
Response: 1319340
Conc: 10.27 ug/ml



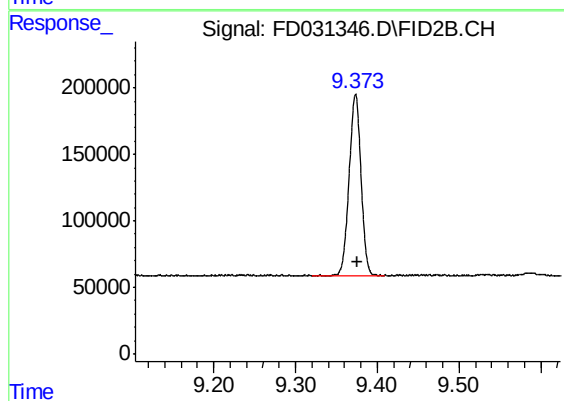
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 862706
Conc: 10.26 ug/ml



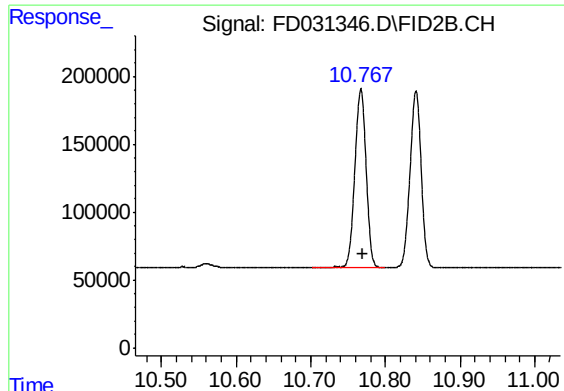
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.002 min
Response: 1372051
Conc: 10.27 ug/ml



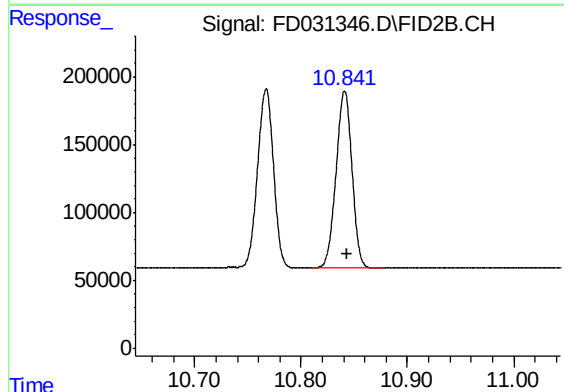
#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.002 min
Response: 1369137
Conc: 10.27 ug/ml



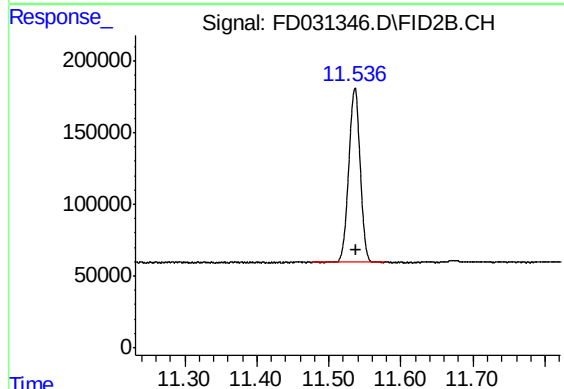
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.002 min
Response: 1379964
Conc: 10.25 ug/ml



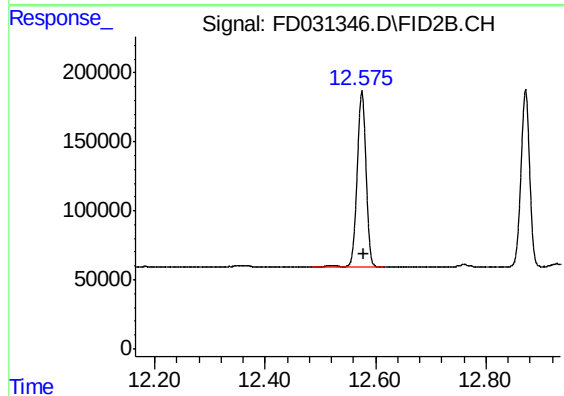
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.003 min
Response: 1354093
Conc: 10.30 ug/ml



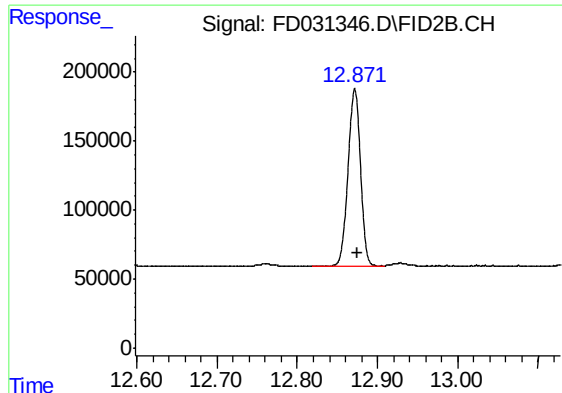
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.002 min
Response: 1340068
Conc: 10.29 ug/ml



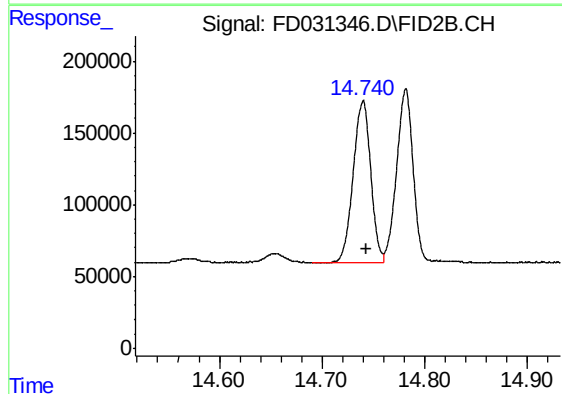
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 1397571
Conc: 10.38 ug/ml



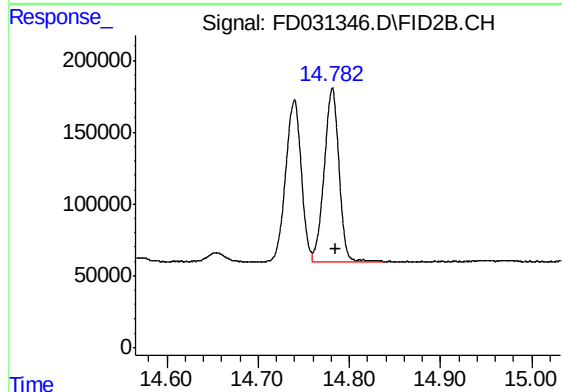
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: -0.003 min
Response: 1380317
Conc: 10.30 ug/ml



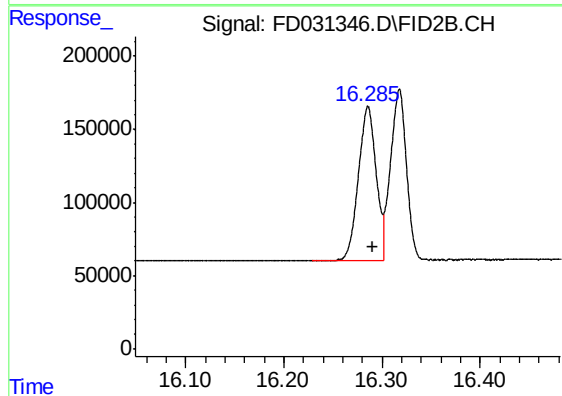
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: -0.004 min
Response: 1329182
Conc: 10.28 ug/ml



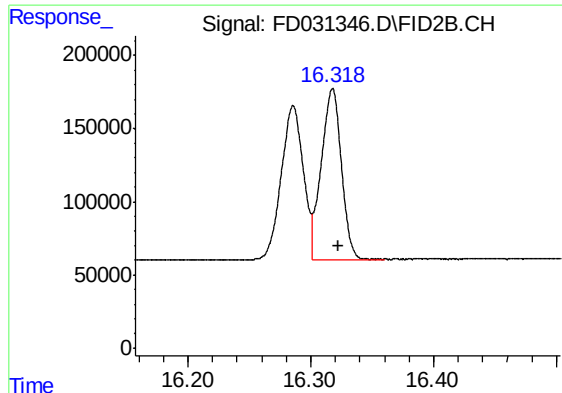
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.004 min
Response: 1347397
Conc: 10.44 ug/ml



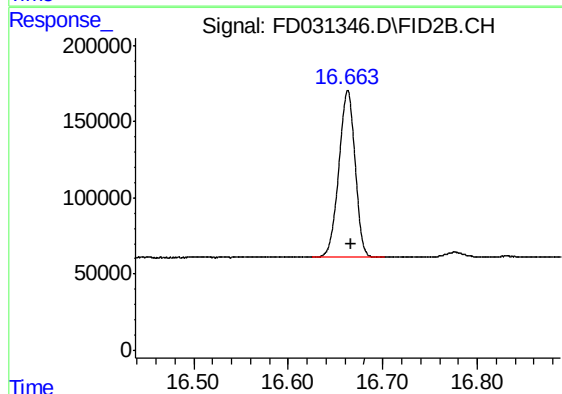
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: -0.004 min
Response: 1309333
Conc: 10.20 ug/ml



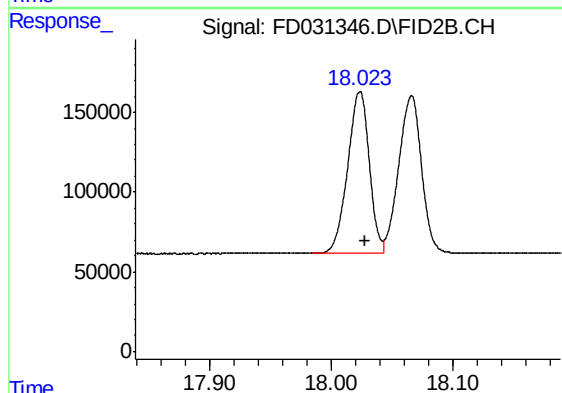
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.005 min
Response: 1329426
Conc: 10.39 ug/ml



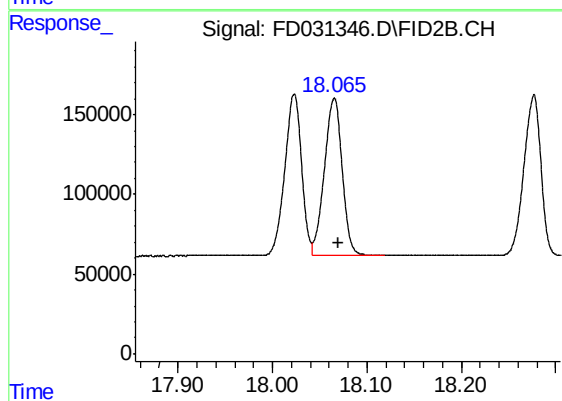
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.663 min
Delta R.T.: -0.004 min
Response: 1296219
Conc: 10.20 ug/ml



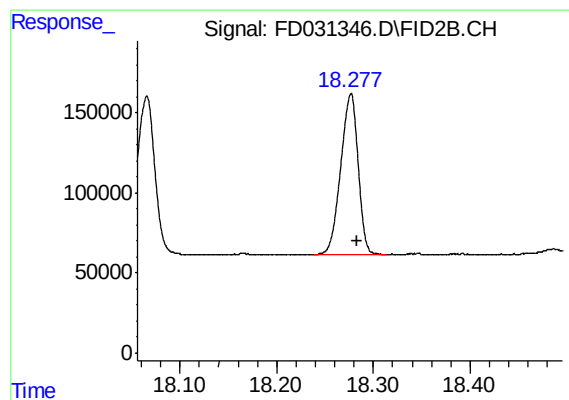
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.005 min
Response: 1252062
Conc: 10.14 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.005 min
Response: 1298586
Conc: 10.31 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.007 min
Response: 1256916
Conc: 10.18 ug/ml