

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092618AR\
 Data File : FD025734.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2018 18:35
 Operator : AJ\SJ
 Sample : PB113229BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 27 05:29:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.428	1237770	15.855 ug/ml
Spiked Amount 50.000		Recovery =	31.71%
6) S 2-Fluorobiphenyl (SURR)	8.280	560852	10.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.36%
11) S ortho-Terphenyl (SURR)	11.326	2948089	34.275 ug/ml
Spiked Amount 50.000		Recovery =	68.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	741331	8.752 ug/mlm
2) T Naphthalene (C11.7)	5.763	1014878	11.081 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	1091700	12.227 ug/ml
5) T Acenaphthylene (C15.06)	8.084	1542731	17.727 ug/ml
7) T Acenaphthene (C15.5)	8.379	1290128	14.198 ug/ml
8) T Fluorene (C16.55)	9.159	2248289	25.022 ug/ml
9) T Phenanthrene (C19.36)	10.550	2401115	25.784 ug/ml
10) T Anthracene (C19.43)	10.624	2185502	23.868 ug/ml
12) T Fluoranthene (C21.85)	12.359	3440686	35.105 ug/ml
13) T Pyrene (C20.8)	12.651	2609582	26.206 ug/ml
14) T Benzo[a]anthracene (C...	14.525	3977244	41.149 ug/ml
15) T Chrysene (C27.41)	14.568	3992134	41.050 ug/ml
16) T benzo[b]fluoranthene ...	16.072	4013595	40.852 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	3942016	40.433 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.449	3974795	40.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	3818610	40.280 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	3743314	40.427 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	3900596	40.544 ug/ml

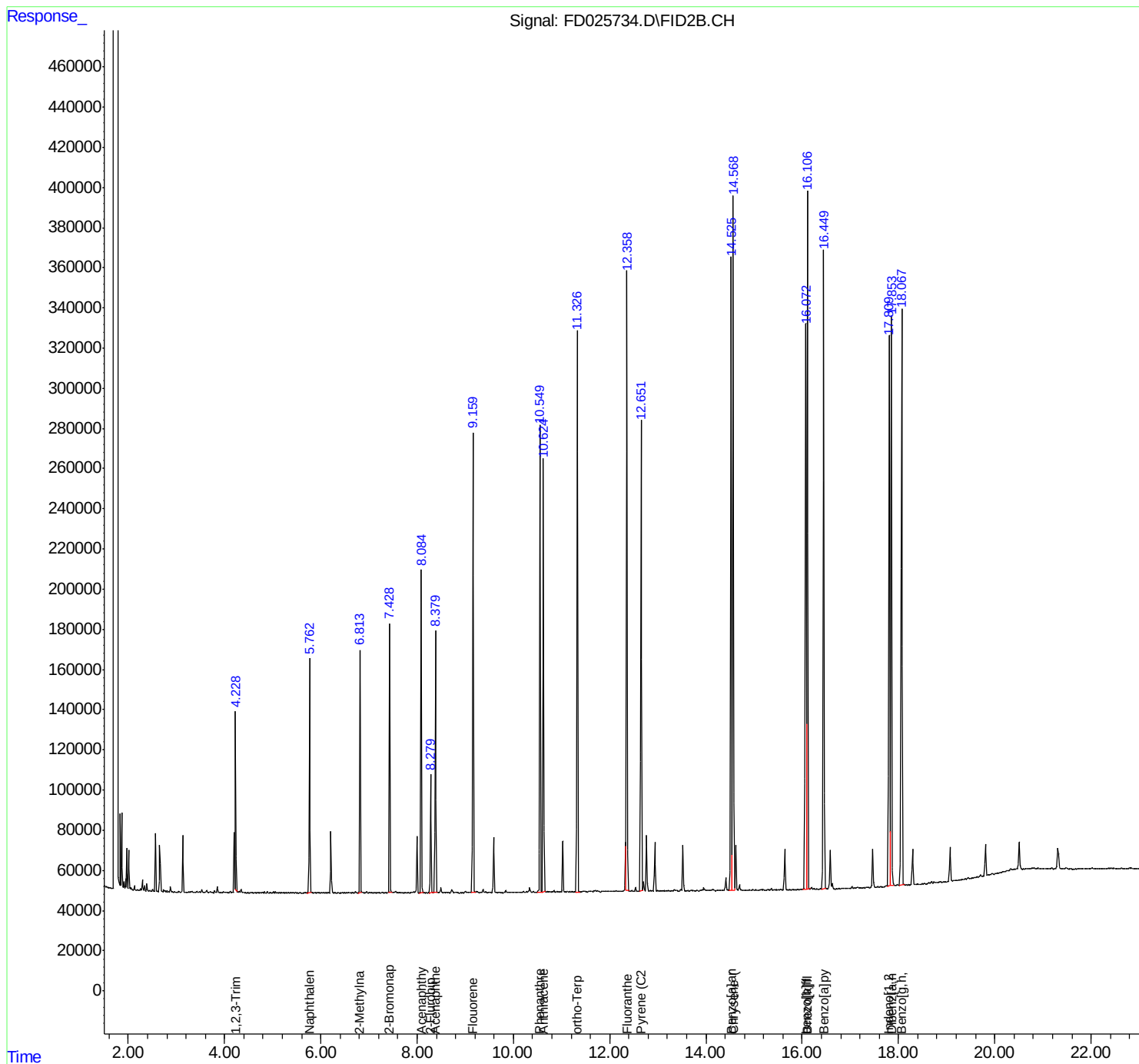
(f)=RT Delta > 1/2 Window

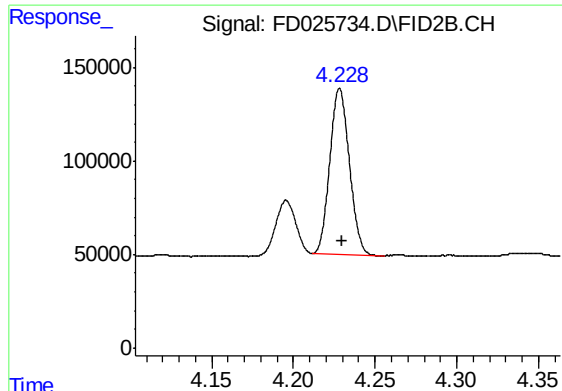
(m)=manual int.

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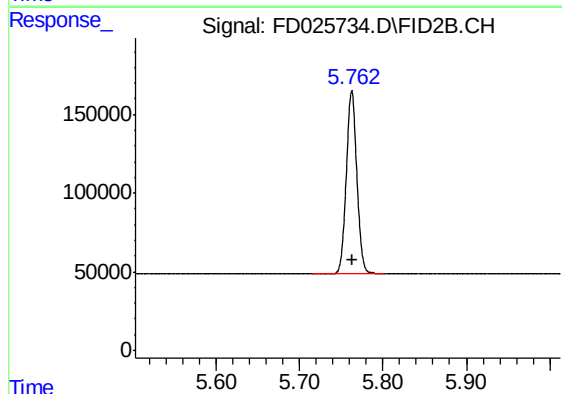
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Signal Info : 20M x 0.18mm x 0.18µm





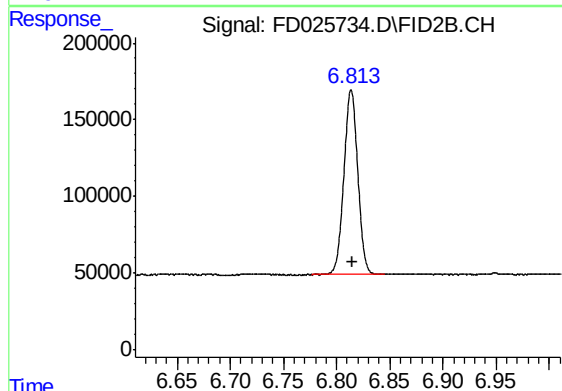
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min
Delta R.T.: -0.002 min
Response: 741331
Conc: 8.75 ug/ml m



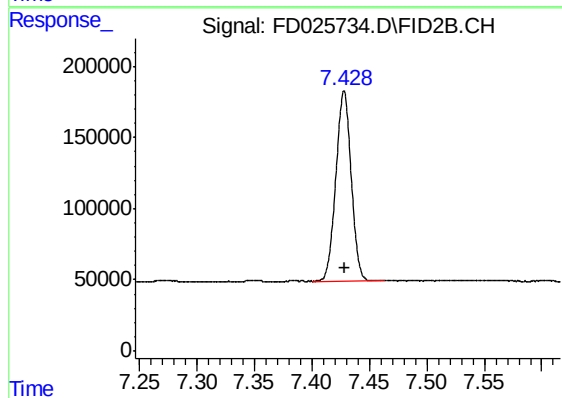
#2 Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 1014878
Conc: 11.08 ug/ml



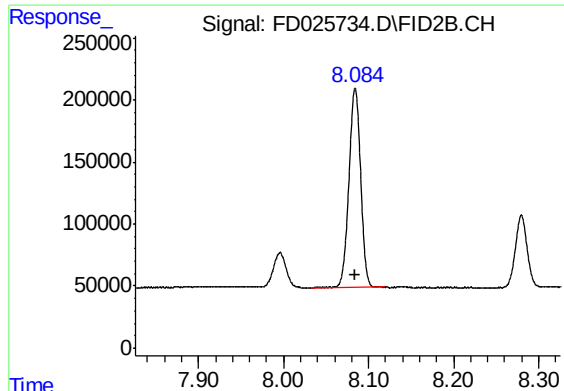
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 1091700
Conc: 12.23 ug/ml



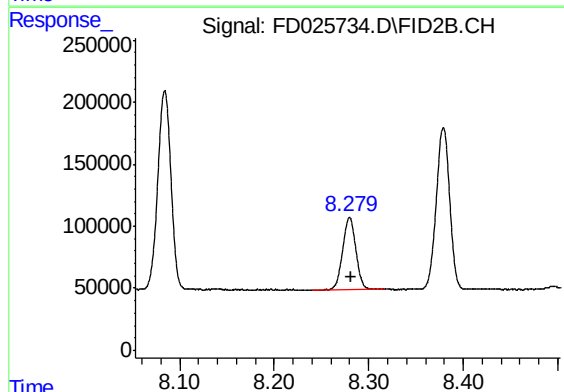
#4 2-Bromonaphthalene (SURR)

R.T.: 7.428 min
Delta R.T.: 0.000 min
Response: 1237770
Conc: 15.86 ug/ml



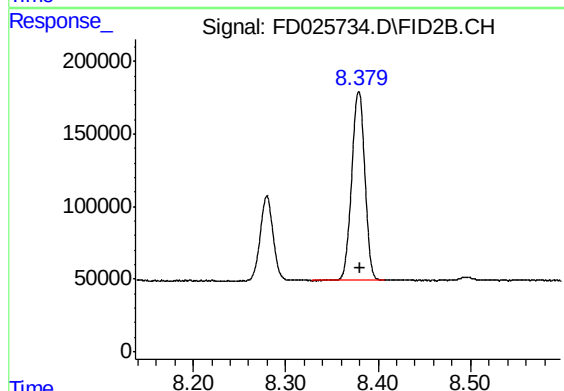
#5 Acenaphthylene (C15.06)

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 1542731
Conc: 17.73 ug/ml



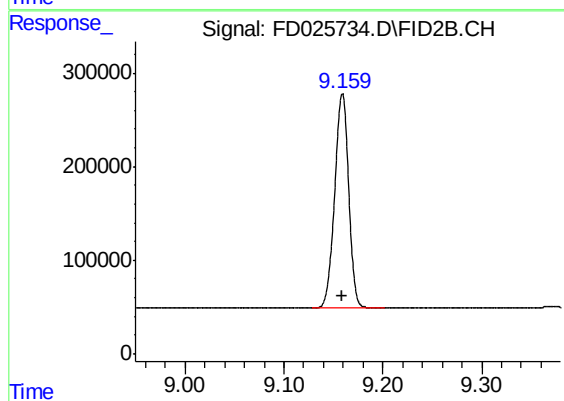
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 560852
Conc: 10.18 ug/ml



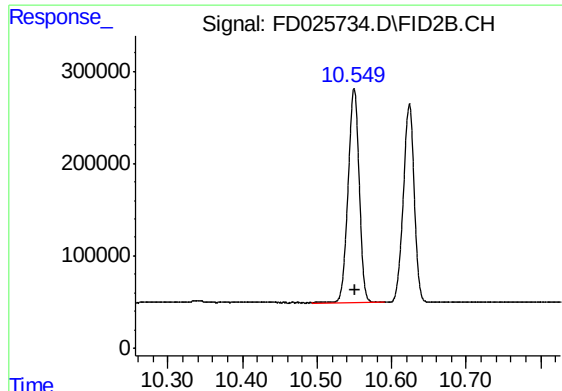
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: -0.001 min
Response: 1290128
Conc: 14.20 ug/ml



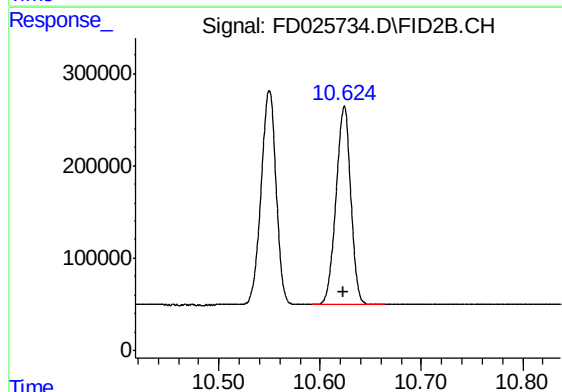
#8 Flouorene (C16.55)

R.T.: 9.159 min
Delta R.T.: 0.000 min
Response: 2248289
Conc: 25.02 ug/ml



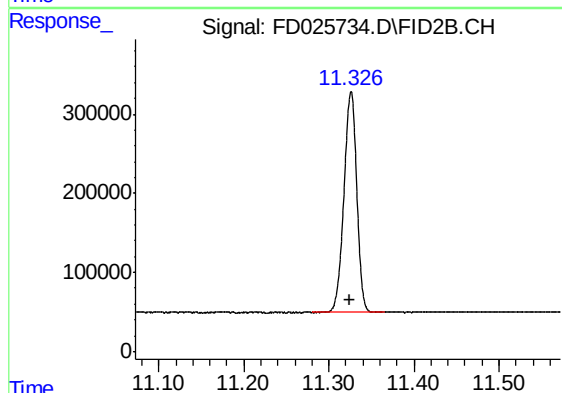
#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: 0.000 min
Response: 2401115
Conc: 25.78 ug/ml



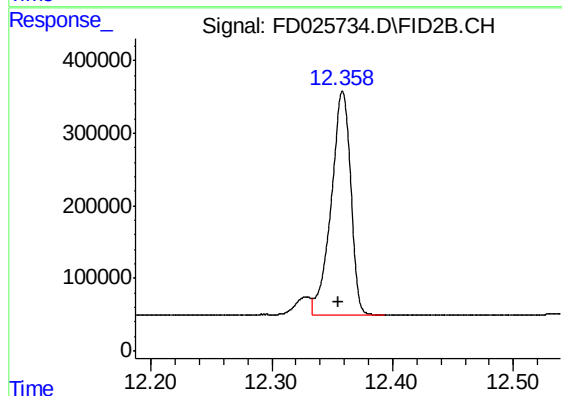
#10 Anthracene (C19.43)

R.T.: 10.624 min
Delta R.T.: 0.000 min
Response: 2185502
Conc: 23.87 ug/ml



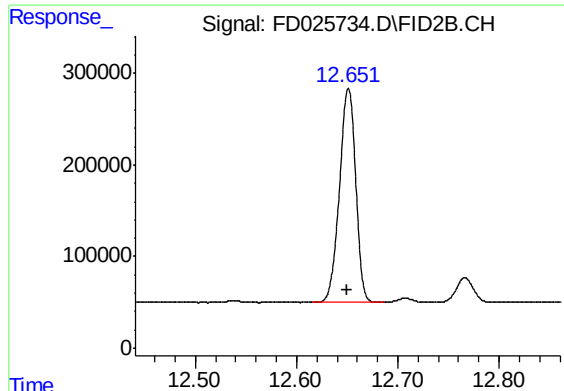
#11 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: 0.002 min
Response: 2948089
Conc: 34.28 ug/ml



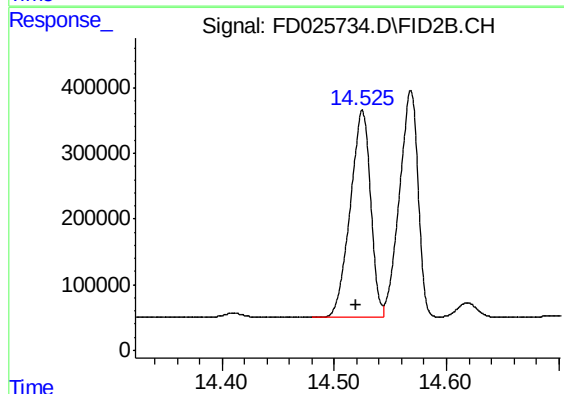
#12 Fluoranthene (C21.85)

R.T.: 12.359 min
Delta R.T.: 0.003 min
Response: 3440686
Conc: 35.10 ug/ml



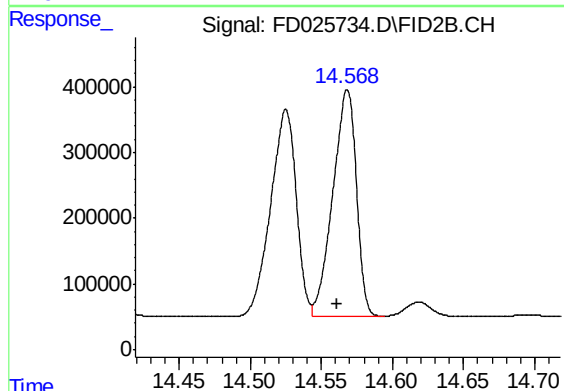
#13 Pyrene (C20.8)

R.T.: 12.651 min
Delta R.T.: 0.000 min
Response: 2609582
Conc: 26.21 ug/ml



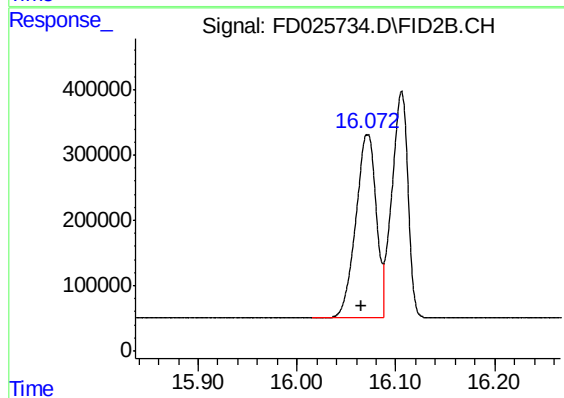
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: 0.006 min
Response: 3977244
Conc: 41.15 ug/ml



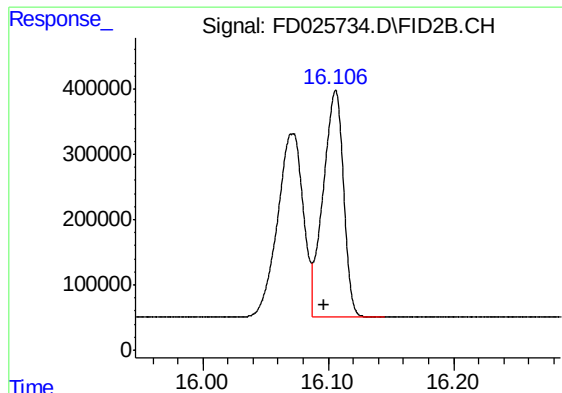
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: 0.007 min
Response: 3992134
Conc: 41.05 ug/ml



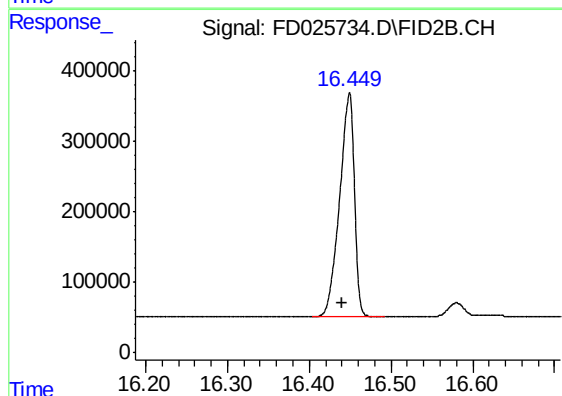
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.072 min
Delta R.T.: 0.007 min
Response: 4013595
Conc: 40.85 ug/ml



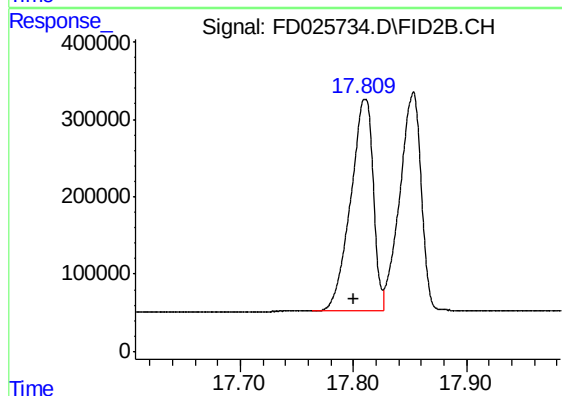
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: 0.009 min
Response: 3942016
Conc: 40.43 ug/ml



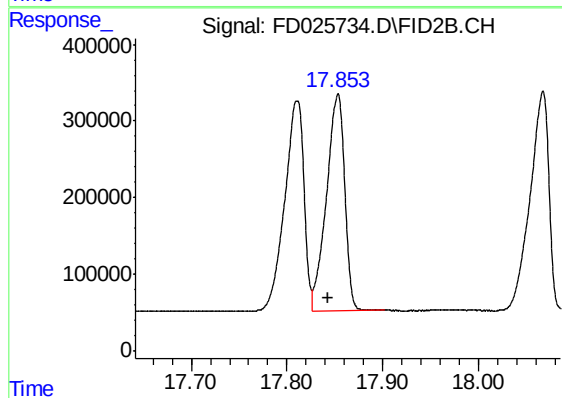
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.449 min
Delta R.T.: 0.009 min
Response: 3974795
Conc: 40.69 ug/ml



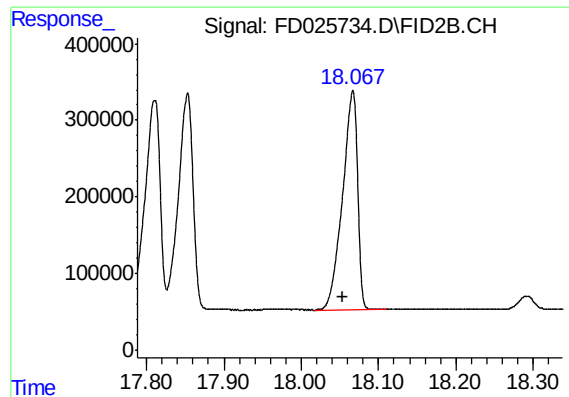
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: 0.010 min
Response: 3818610
Conc: 40.28 ug/ml



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

R.T.: 17.853 min
Delta R.T.: 0.011 min
Response: 3743314
Conc: 40.43 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.013 min
Response: 3900596
Conc: 40.54 ug/ml