

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081320AR\
 Data File : FD034465.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2020 10:04
 Operator : DD\AJ
 Sample : L3508-10DL 2X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 12:04:03 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...	7.701	4205503	35.972 ug/ml
Spiked Amount 50.000		Recovery =	71.94%
6) S 2-Fluorobiphenyl (SURR)	8.567	2929663	35.338 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.68%
11) S ortho-Terphenyl (SURR)	11.606	3438267	25.301 ug/ml
Spiked Amount 50.000		Recovery =	50.60%
Target Compounds			
2) T Naphthalene (C11.7)	6.038	130520	0.976 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	174521	1.293 ug/ml
7) T Acenaphthene (C15.5)	8.662	180209	1.340 ug/ml
8) T Flouorene (C16.55)	9.443	183616	1.381 ug/ml
9) T Phenanthrene (C19.36)	10.841	843811	6.295 ug/ml
10) T Anthracene (C19.43)	10.915	267857	2.018 ug/ml
12) T Fluoranthene (C21.85)	12.657	1583945	11.654 ug/ml
13) T Pyrene (C20.8)	12.955	1108389	8.324 ug/ml
14) T Benzo[a]anthracene (C...	14.824	567857	4.327 ug/ml
15) T Chrysene (C27.41)	14.866	746671	5.695 ug/ml
16) T benzo[b]fluoranthene ...	16.377	677633	5.297 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	215511	1.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	475076	3.794 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	264552	2.199 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	264552	2.241 ug/ml
21) T Benzo[g,h,i]perylene ...	18.370	244428	2.063 ug/ml

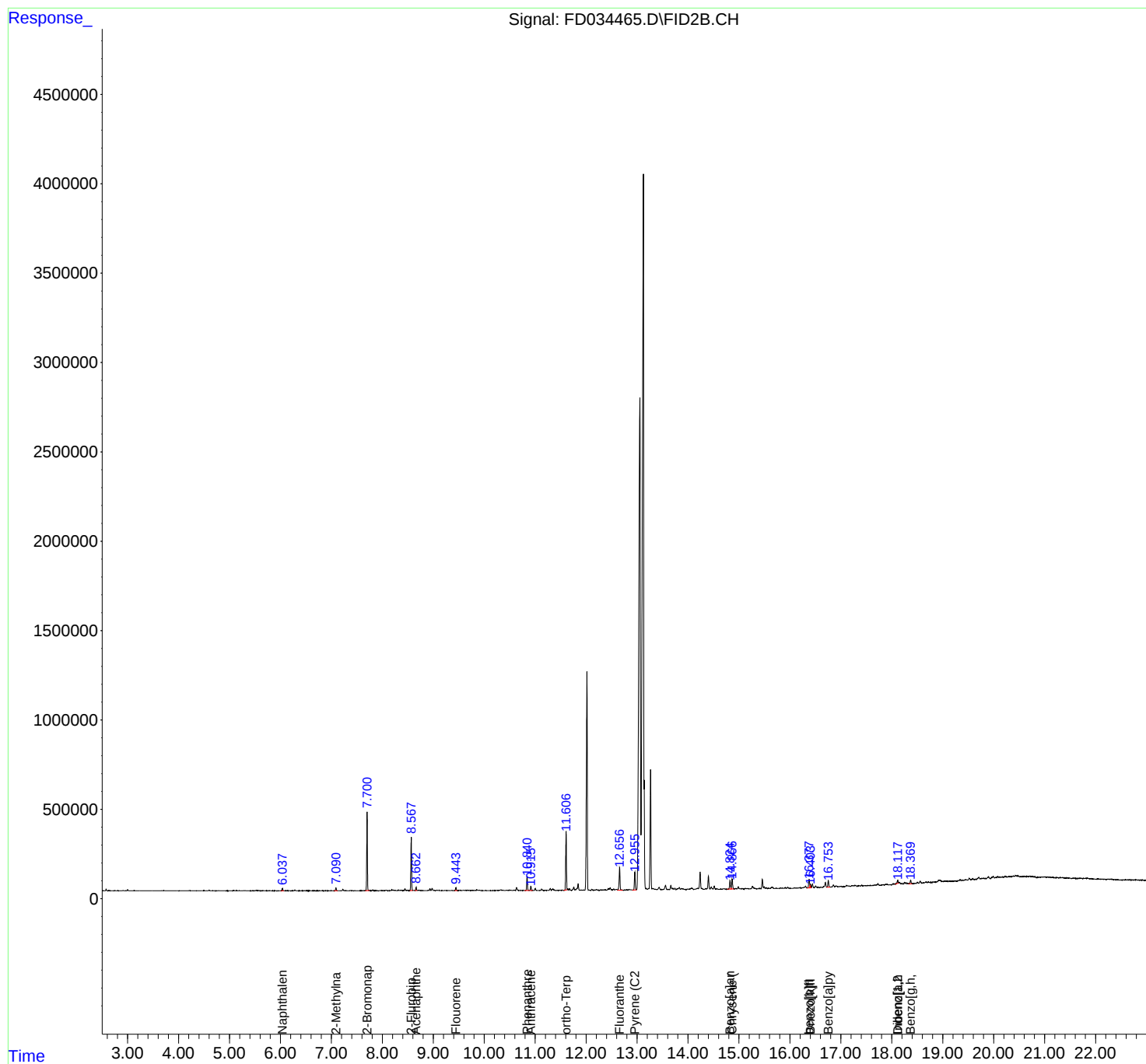
(f)=RT Delta > 1/2 Window

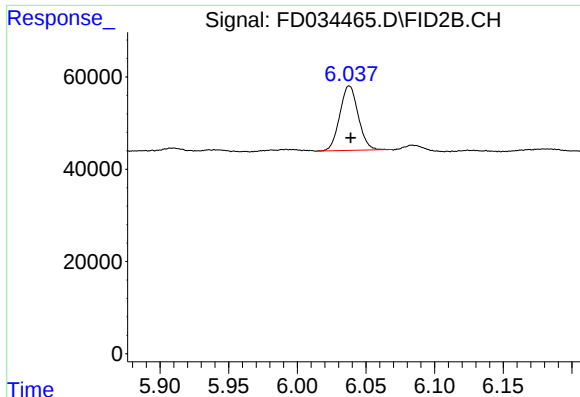
(m)=manual int.

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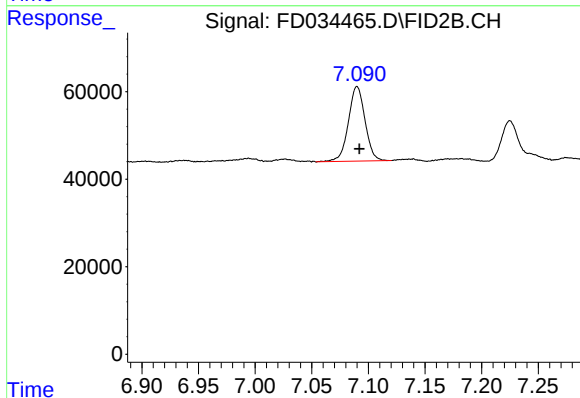
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Signal Info : 20M x 0.18mm x 0.18µm





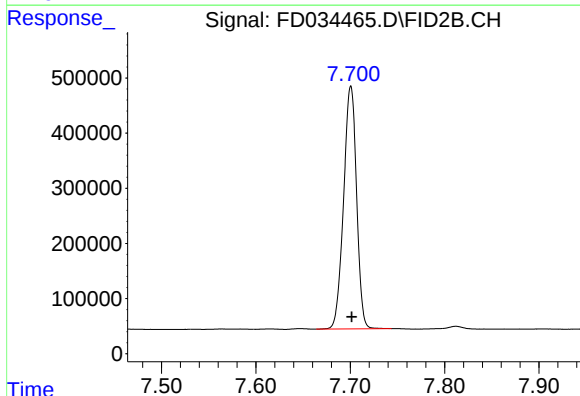
#2 Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.001 min
Response: 130520
Conc: 0.98 ug/ml



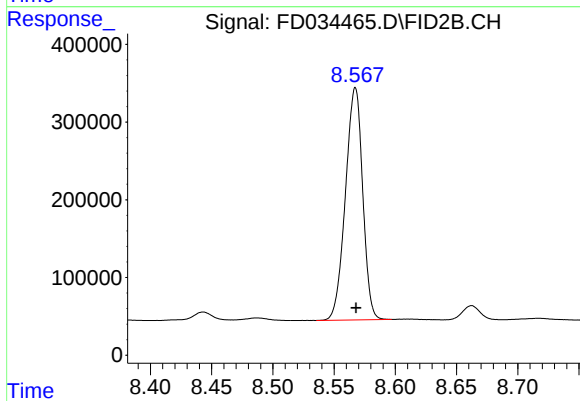
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 174521
Conc: 1.29 ug/ml



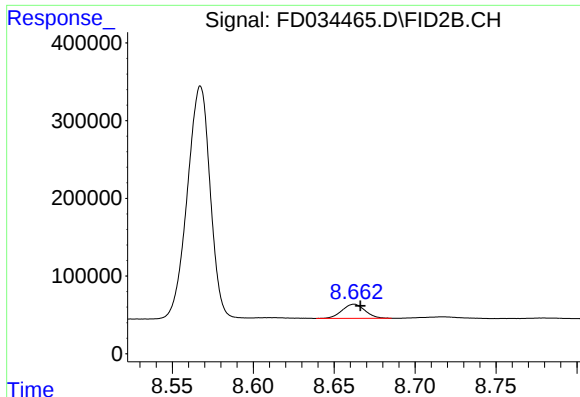
#4 2-Bromonaphthalene (SURR)

R.T.: 7.701 min
Delta R.T.: -0.001 min
Response: 4205503
Conc: 35.97 ug/ml



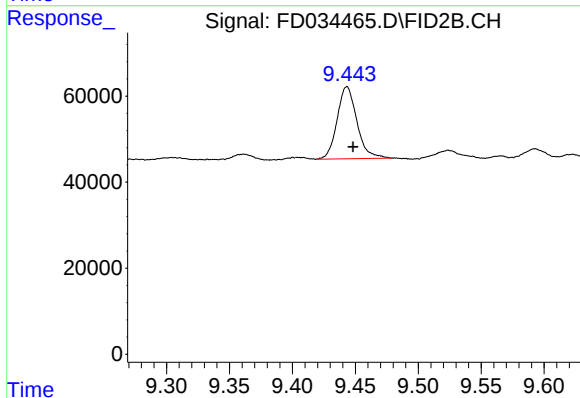
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 2929663
Conc: 35.34 ug/ml



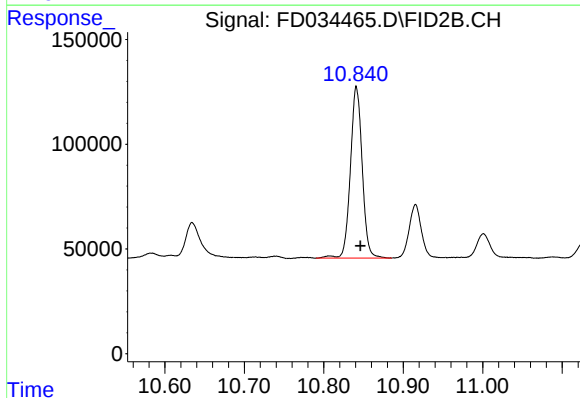
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 180209
Conc: 1.34 ug/ml



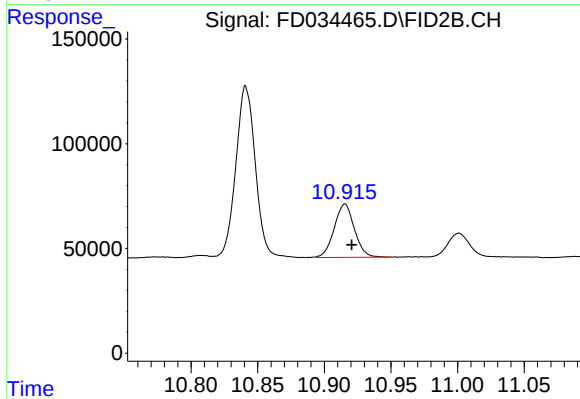
#8 Flouorene (C16.55)

R.T.: 9.443 min
Delta R.T.: -0.005 min
Response: 183616
Conc: 1.38 ug/ml



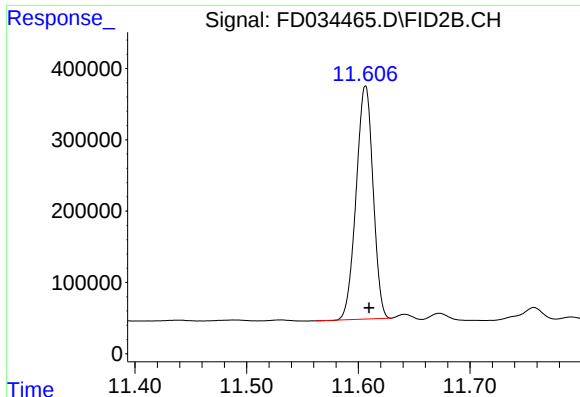
#9 Phenanthrene (C19.36)

R.T.: 10.841 min
Delta R.T.: -0.005 min
Response: 843811
Conc: 6.30 ug/ml



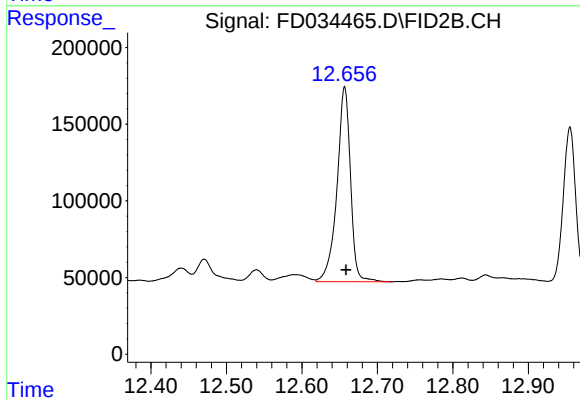
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: -0.005 min
Response: 267857
Conc: 2.02 ug/ml



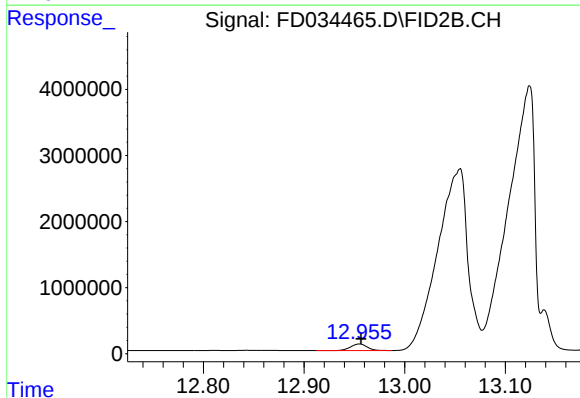
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.003 min
Response: 3438267
Conc: 25.30 ug/ml



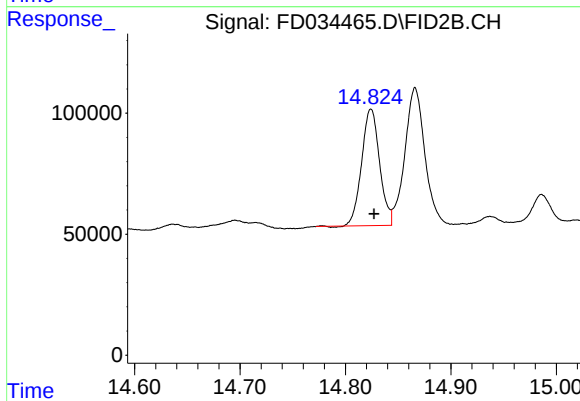
#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.002 min
Response: 1583945
Conc: 11.65 ug/ml



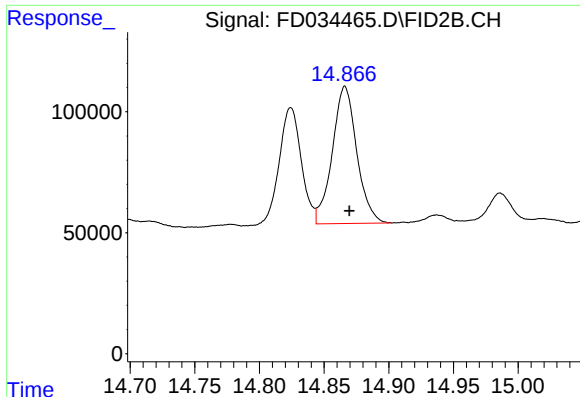
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.001 min
Response: 1108389
Conc: 8.32 ug/ml



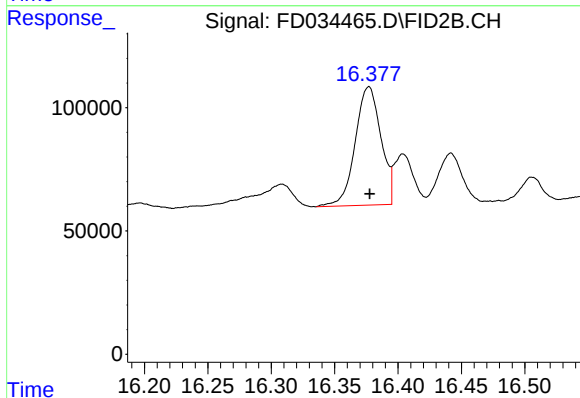
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.003 min
Response: 567857
Conc: 4.33 ug/ml



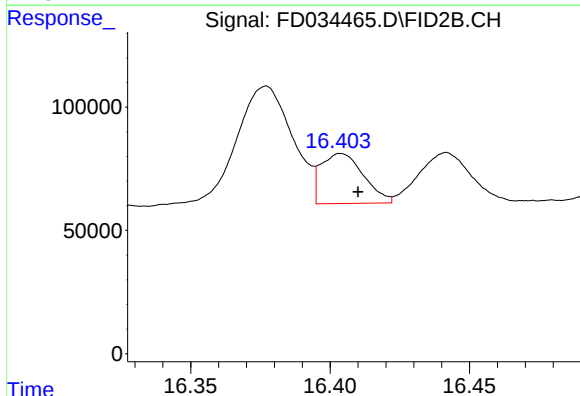
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.004 min
Response: 746671
Conc: 5.70 ug/ml



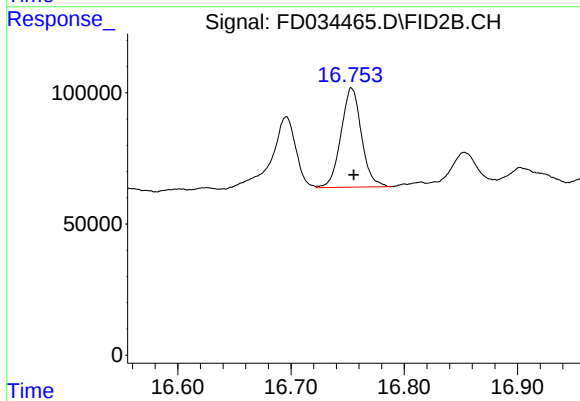
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 677633
Conc: 5.30 ug/ml



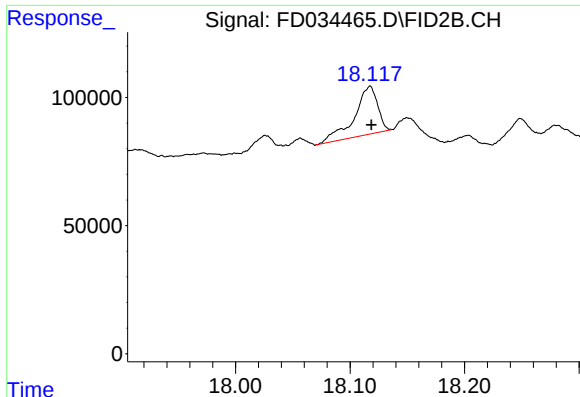
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.404 min
Delta R.T.: -0.006 min
Response: 215511
Conc: 1.74 ug/ml



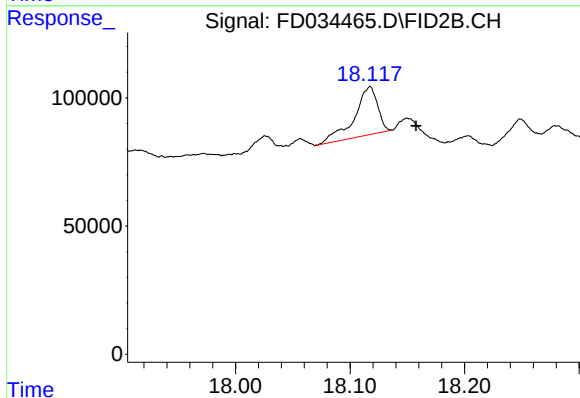
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: -0.002 min
Response: 475076
Conc: 3.79 ug/ml



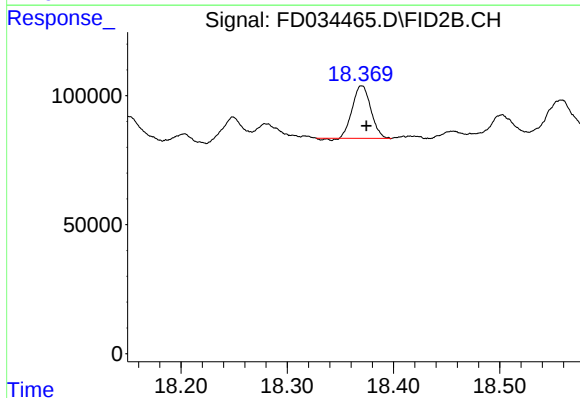
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: -0.001 min
Response: 264552
Conc: 2.20 ug/ml



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

R.T.: 18.117 min
Delta R.T.: -0.040 min
Response: 264552
Conc: 2.24 ug/ml



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

R.T.: 18.370 min
Delta R.T.: -0.004 min
Response: 244428
Conc: 2.06 ug/ml