

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061219AR\
 Data File : FD029391.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jun 2019 12:34
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 13 07:39:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:38:16 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...	7.740	12019127	98.567 ug/ml
Spiked Amount 50.000		Recovery =	197.13%
6) S 2-Fluorobiphenyl (SURR)	8.607	8241406	99.035 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.07%#
11) S ortho-Terphenyl (SURR)	11.644	13011372	96.845 ug/ml
Spiked Amount 50.000		Recovery =	193.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	12695879	98.692 ug/ml
2) T Naphthalene (C11.7)	6.080	13491232	98.627 ug/ml
3) T 2-Methylnaphthalene (...)	7.133	13360601	98.648 ug/ml
5) T Acenaphthylene (C15.06)	8.411	12868219	97.550 ug/ml
7) T Acenaphthene (C15.5)	8.709	13428838	98.000 ug/ml
8) T Fluorene (C16.55)	9.488	13348552	97.742 ug/ml
9) T Phenanthrene (C19.36)	10.885	13370668	97.365 ug/ml
10) T Anthracene (C19.43)	10.962	13216095	97.113 ug/ml
12) T Fluoranthene (C21.85)	12.698	13298145	96.281 ug/ml
13) T Pyrene (C20.8)	12.997	13321376	96.430 ug/ml
14) T Benzo[a]anthracene (C...	14.862	12704195	96.256 ug/ml
15) T Chrysene (C27.41)	14.910	12667392	95.907 ug/ml
16) T benzo[b]fluoranthene ...	16.412	12552488	96.983 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	12403148	95.765 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.795	12308310	96.148 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	12449795	101.625 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	11274029	92.509 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.420	11840491	97.256 ug/ml

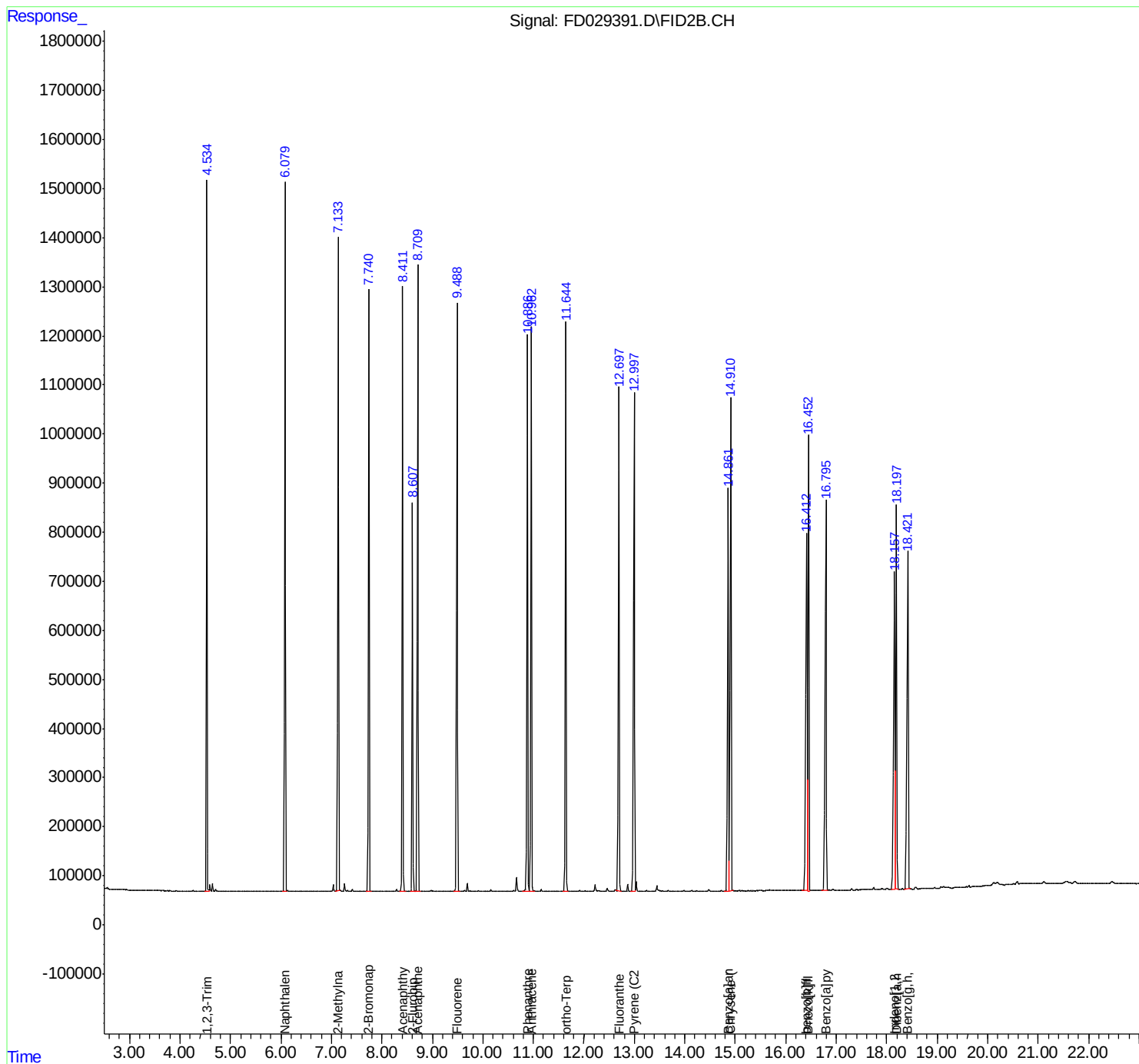
(f)=RT Delta > 1/2 Window

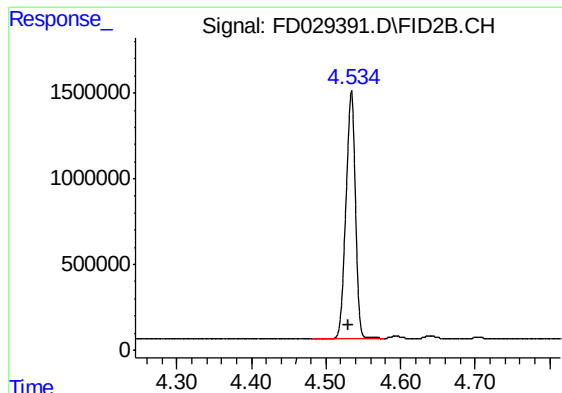
(m)=manual int.

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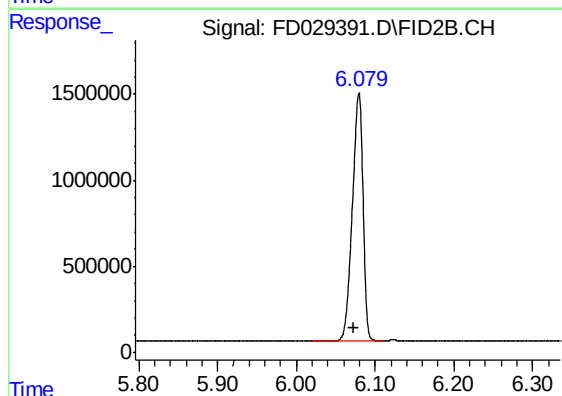
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





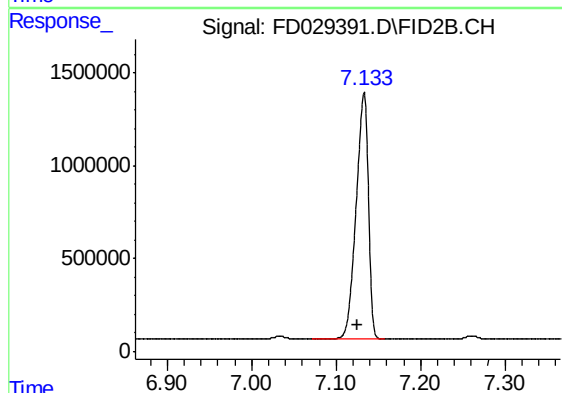
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.534 min
Delta R.T.: 0.004 min
Response: 12695879
Conc: 98.69 ug/ml



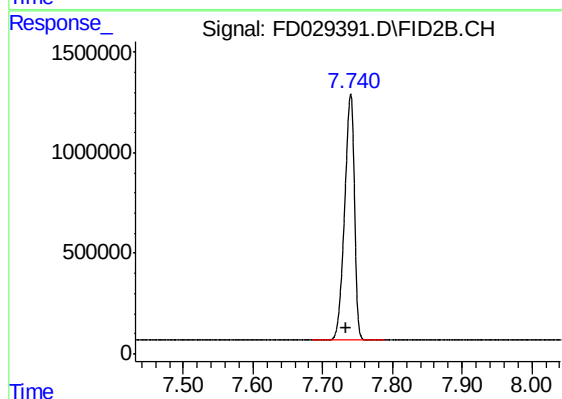
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.006 min
Response: 13491232
Conc: 98.63 ug/ml



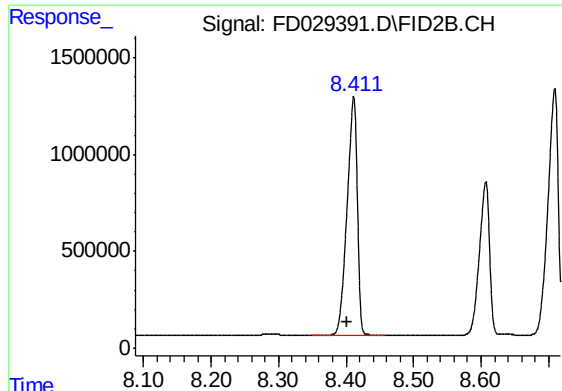
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.008 min
Response: 13360601
Conc: 98.65 ug/ml



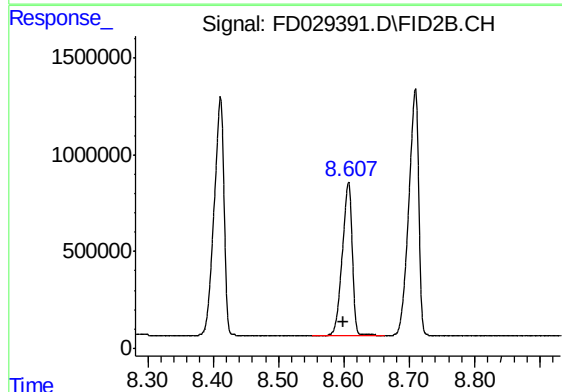
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: 0.007 min
Response: 12019127
Conc: 98.57 ug/ml



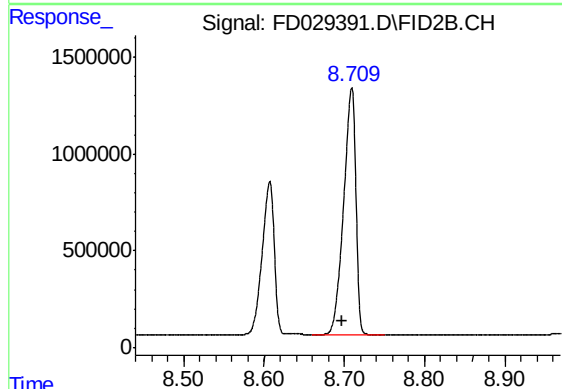
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: 0.009 min
Response: 12868219
Conc: 97.55 ug/ml



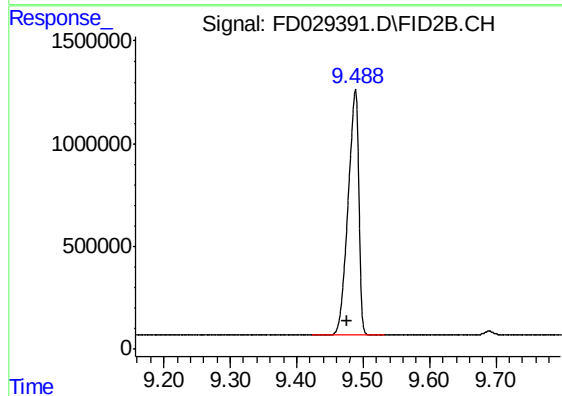
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.008 min
Response: 8241406
Conc: 99.04 ug/ml



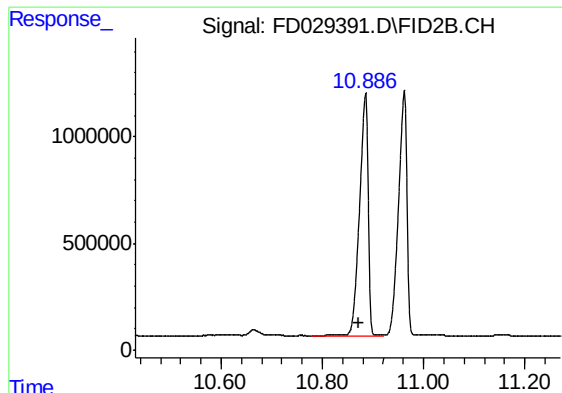
#7 Acenaphthene (C15.5)

R.T.: 8.709 min
Delta R.T.: 0.012 min
Response: 13428838
Conc: 98.00 ug/ml



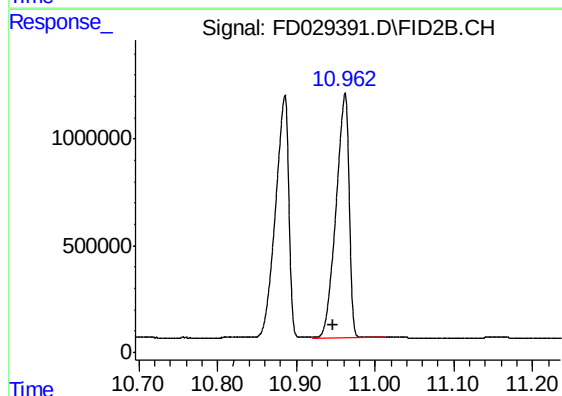
#8 Flouorene (C16.55)

R.T.: 9.488 min
Delta R.T.: 0.012 min
Response: 13348552
Conc: 97.74 ug/ml



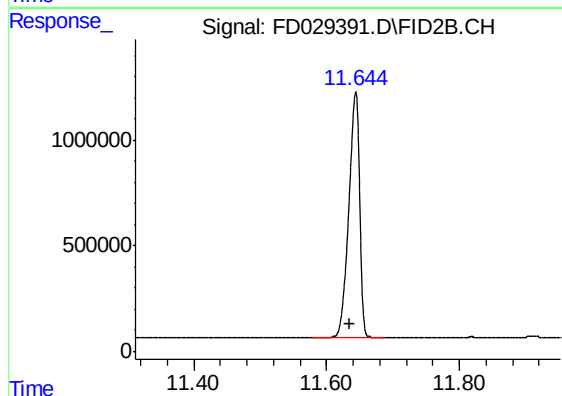
#9 Phenanthrene (C19.36)

R.T.: 10.885 min
Delta R.T.: 0.012 min
Response: 13370668
Conc: 97.37 ug/ml



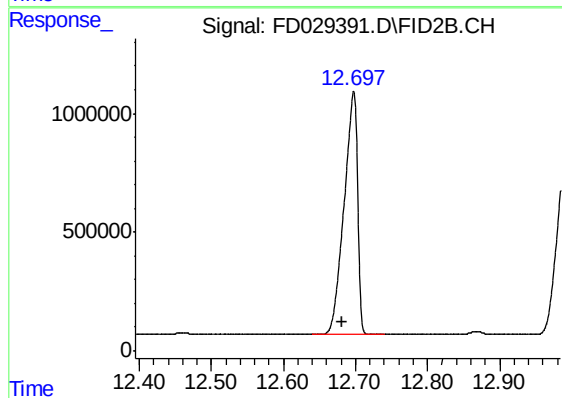
#10 Anthracene (C19.43)

R.T.: 10.962 min
Delta R.T.: 0.014 min
Response: 13216095
Conc: 97.11 ug/ml



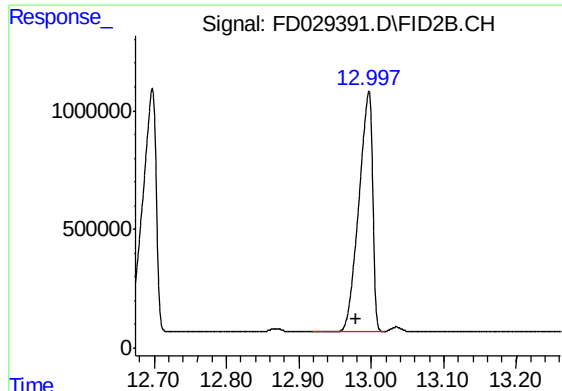
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.009 min
Response: 13011372
Conc: 96.85 ug/ml



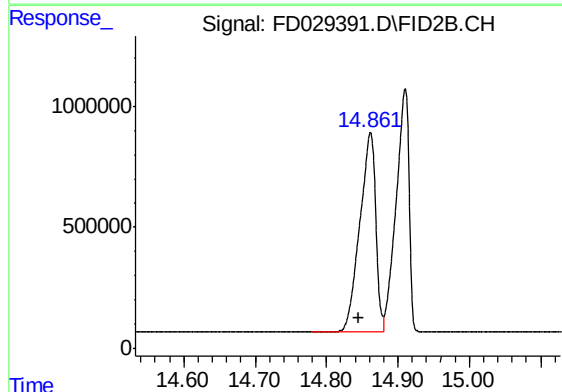
#12 Fluoranthene (C21.85)

R.T.: 12.698 min
Delta R.T.: 0.016 min
Response: 13298145
Conc: 96.28 ug/ml



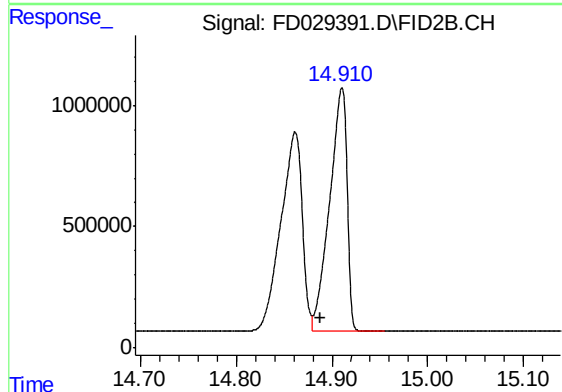
#13 Pyrene (C20.8)

R.T.: 12.997 min
Delta R.T.: 0.017 min
Response: 13321376
Conc: 96.43 ug/ml



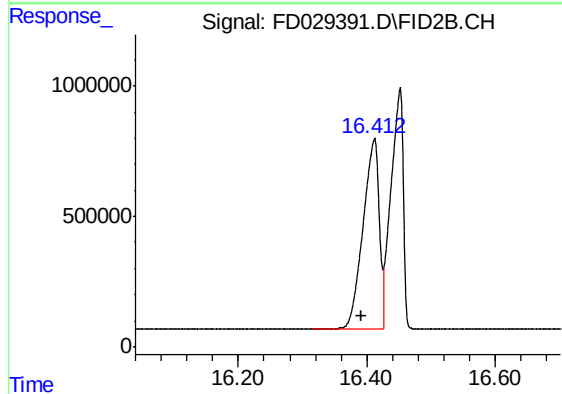
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.862 min
Delta R.T.: 0.016 min
Response: 12704195
Conc: 96.26 ug/ml



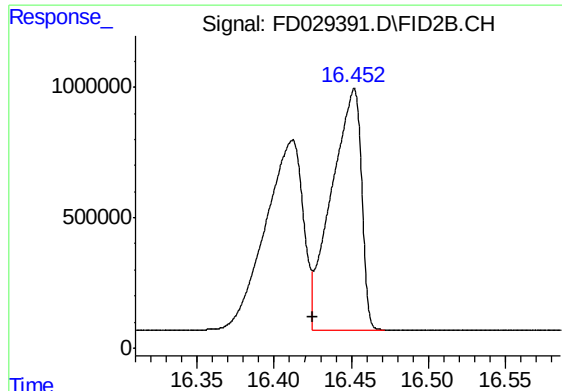
#15 Chrysene (C27.41)

R.T.: 14.910 min
Delta R.T.: 0.022 min
Response: 12667392
Conc: 95.91 ug/ml



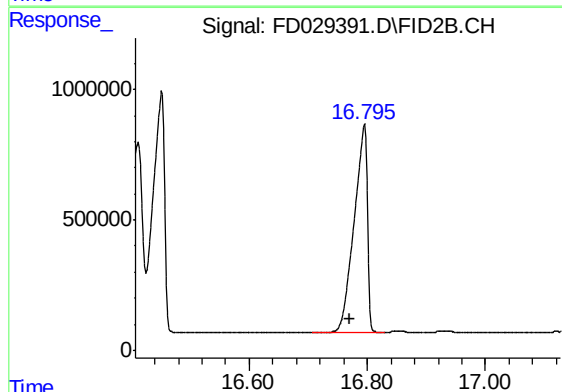
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.412 min
Delta R.T.: 0.020 min
Response: 12552488
Conc: 96.98 ug/ml



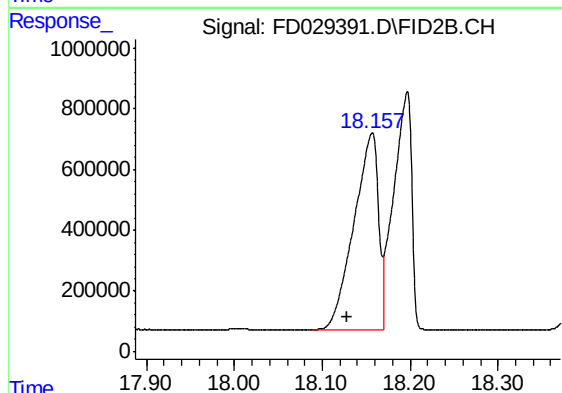
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.452 min
Delta R.T.: 0.027 min
Response: 12403148
Conc: 95.76 ug/ml m



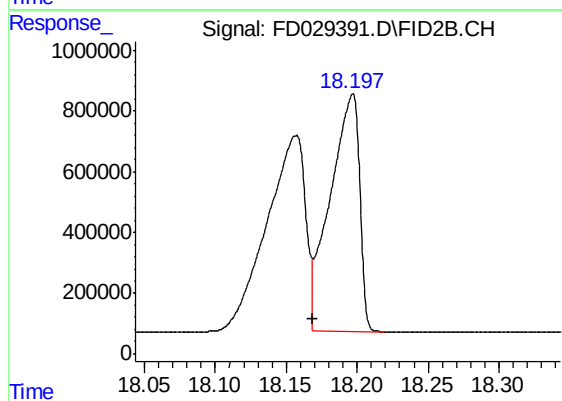
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.025 min
Response: 12308310
Conc: 96.15 ug/ml



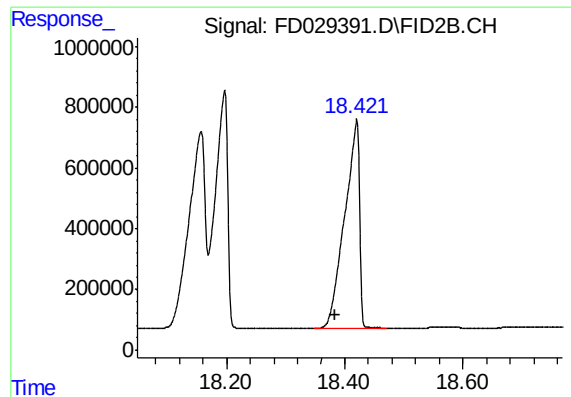
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.157 min
Delta R.T.: 0.028 min
Response: 12449795
Conc: 101.62 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.028 min
Response: 11274029
Conc: 92.51 ug/ml m



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

R.T.: 18.420 min
Delta R.T.: 0.035 min
Response: 11840491
Conc: 97.26 ug/ml