

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072820AR\
 Data File : FD034196.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jul 2020 20:24
 Operator : DD\AJ
 Sample : L3436-12
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 00:56:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.715	9162582	76.285 ug/ml
Spiked Amount 50.000		Recovery =	152.57%
6) S 2-Fluorobiphenyl (SURR)	8.584	6269600	73.969 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	147.94%#
11) S ortho-Terphenyl (SURR)	11.626	8120465	60.020 ug/ml
Spiked Amount 50.000		Recovery =	120.04%
Target Compounds			
2) T Naphthalene (C11.7)	6.047	128241	0.926 ug/ml
5) T Acenaphthylene (C15.06)	8.379	197031	1.466 ug/ml
7) T Acenaphthene (C15.5)	8.675	218295	1.595 ug/ml
8) T Flouorene (C16.55)	9.456	223392	1.661 ug/ml
9) T Phenanthrene (C19.36)	10.857	1551539	11.610 ug/ml
10) T Anthracene (C19.43)	10.931	573040	4.318 ug/ml
12) T Fluoranthene (C21.85)	12.674	2782911	20.946 ug/ml
13) T Pyrene (C20.8)	12.973	2607459	20.114 ug/ml
14) T Benzo[a]anthracene (C...	14.842	1257138	10.098 ug/ml
15) T Chrysene (C27.41)	14.882	1207929	9.727 ug/ml
16) T benzo[b]fluoranthene ...	16.396	1371730	11.530 ug/ml
17) T Bnezo[k]fluoranthene ...	16.396	1371730	11.838 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.774	944121	8.113 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.139	446116	4.007 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	446116	4.038 ug/ml
21) T Benzo[g,h,i]perylene ...	18.392	568129	5.145 ug/ml

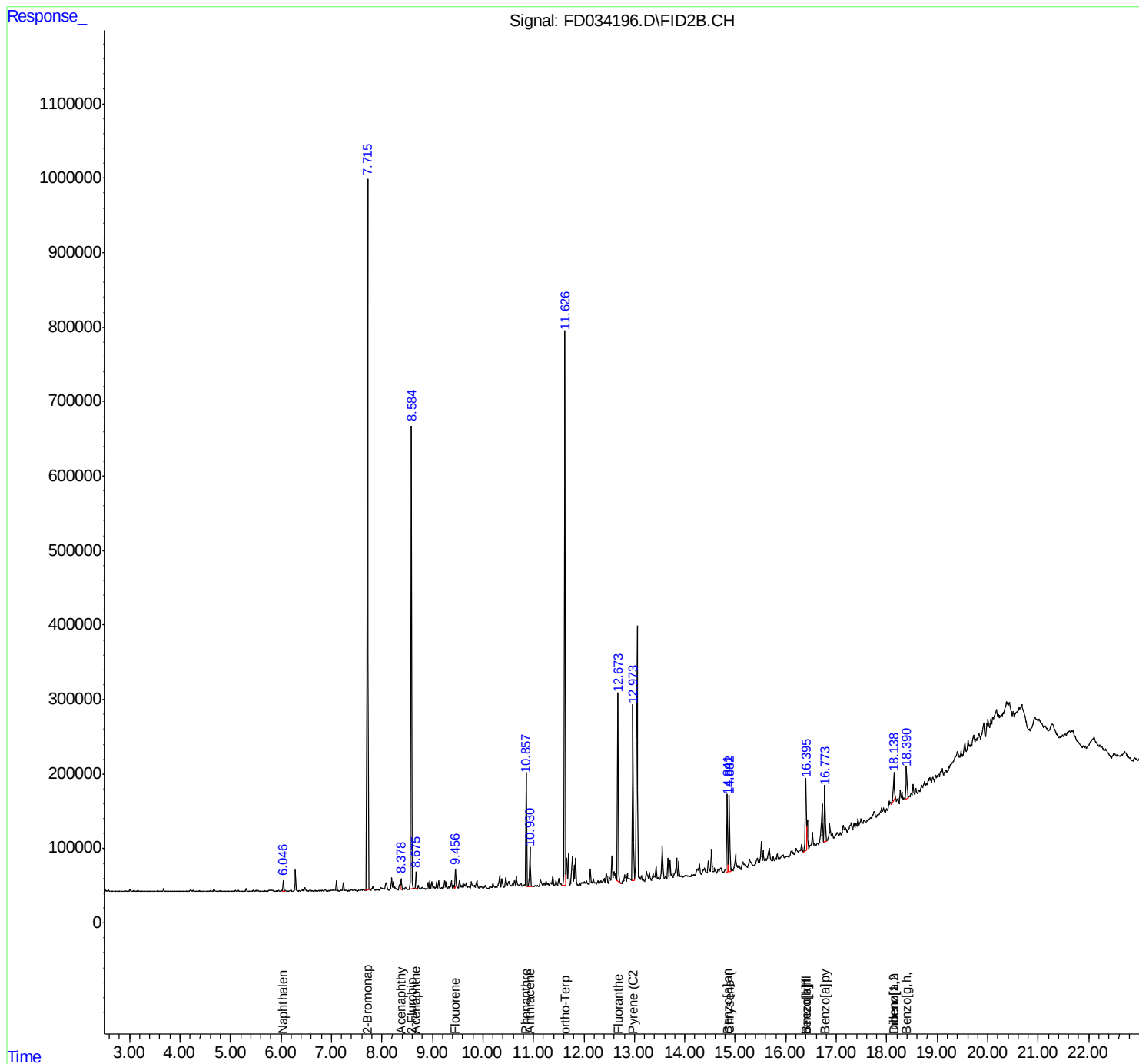
(f)=RT Delta > 1/2 Window

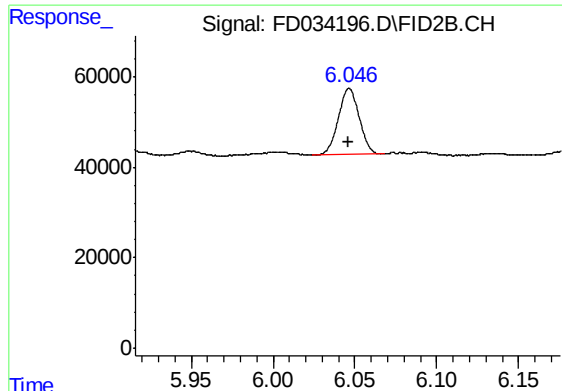
(m)=manual int.

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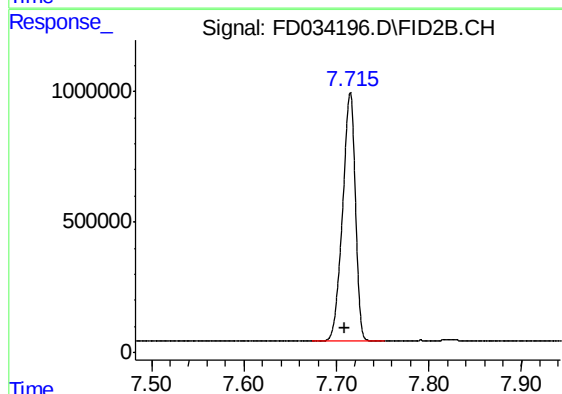
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Signal Info : 20M x 0.18mm x 0.18µm





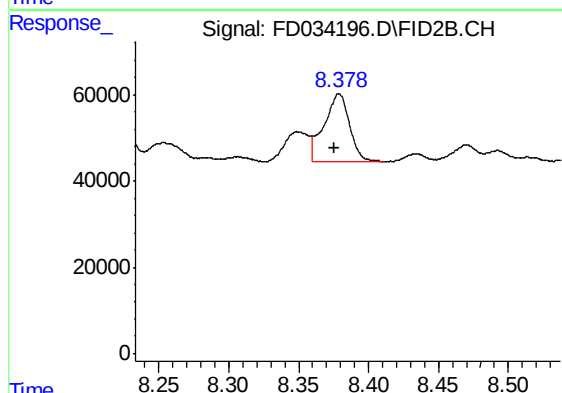
#2 Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 128241
Conc: 0.93 ug/ml



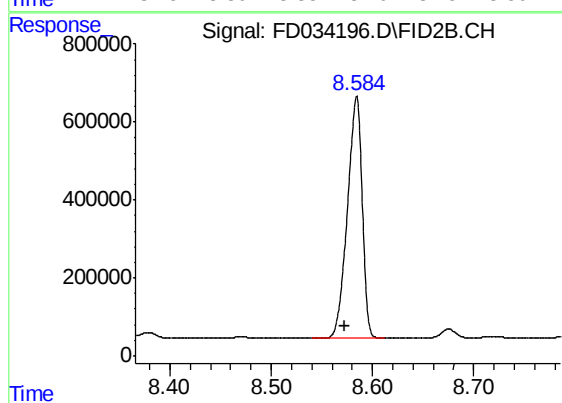
#4 2-Bromonaphthalene (SURR)

R.T.: 7.715 min
Delta R.T.: 0.006 min
Response: 9162582
Conc: 76.29 ug/ml



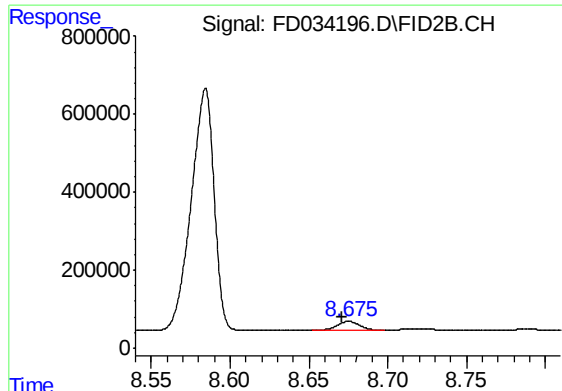
#5 Acenaphthylene (C15.06)

R.T.: 8.379 min
Delta R.T.: 0.003 min
Response: 197031
Conc: 1.47 ug/ml



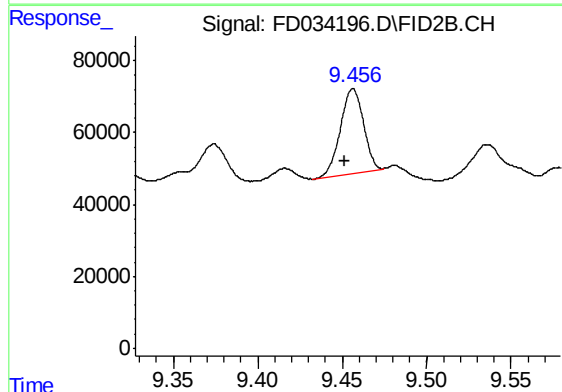
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.584 min
Delta R.T.: 0.012 min
Response: 6269600
Conc: 73.97 ug/ml



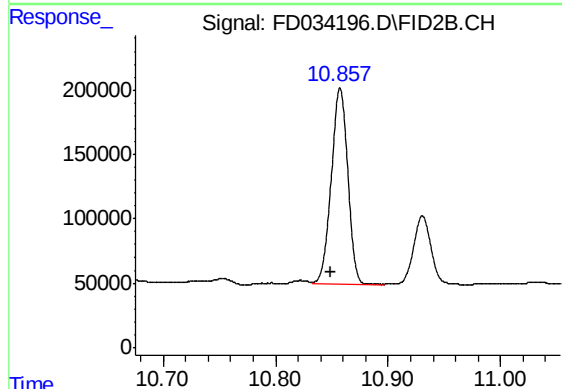
#7 Acenaphthene (C15.5)

R.T.: 8.675 min
Delta R.T.: 0.004 min
Response: 218295
Conc: 1.59 ug/ml



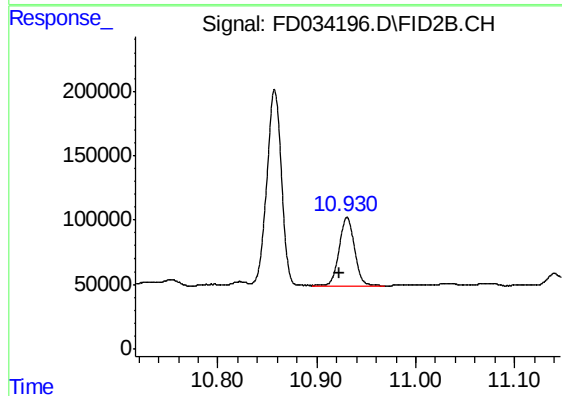
#8 Flouorene (C16.55)

R.T.: 9.456 min
Delta R.T.: 0.005 min
Response: 223392
Conc: 1.66 ug/ml



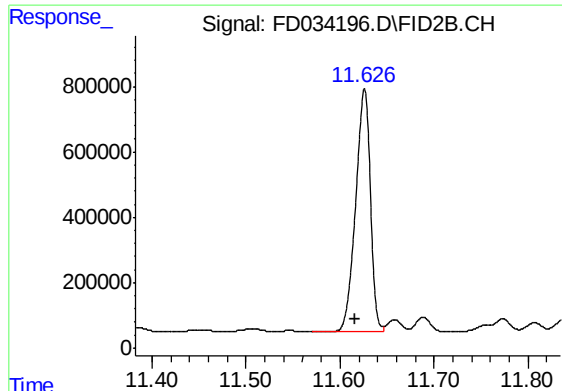
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.009 min
Response: 1551539
Conc: 11.61 ug/ml



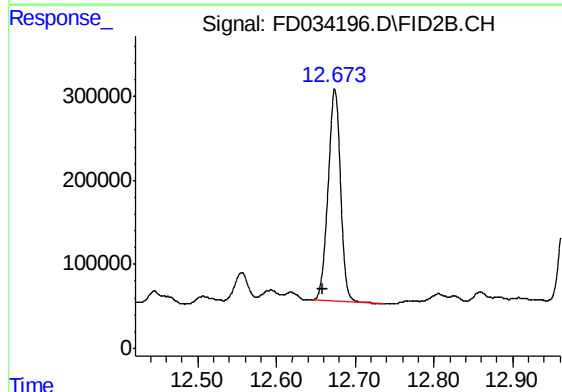
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.008 min
Response: 573040
Conc: 4.32 ug/ml



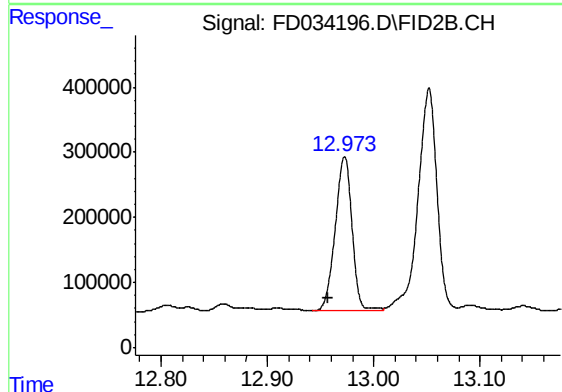
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.010 min
Response: 8120465
Conc: 60.02 ug/ml



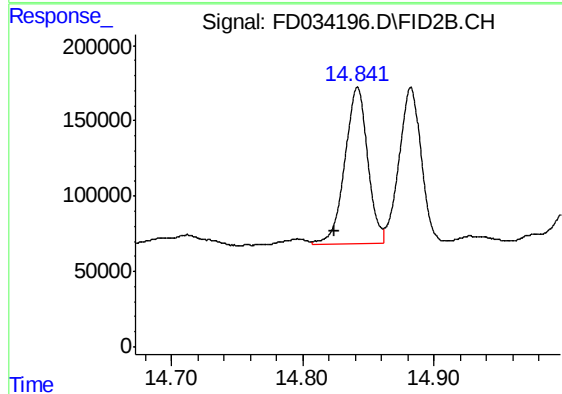
#12 Fluoranthene (C21.85)

R.T.: 12.674 min
Delta R.T.: 0.015 min
Response: 2782911
Conc: 20.95 ug/ml



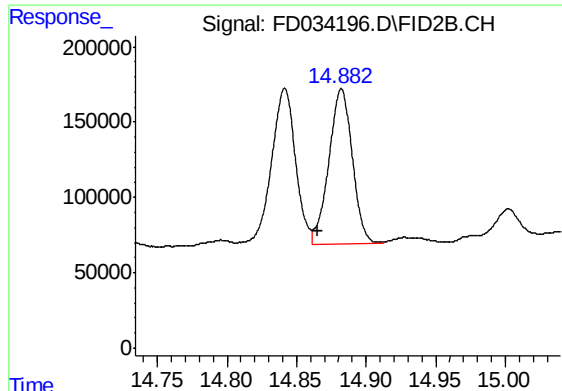
#13 Pyrene (C20.8)

R.T.: 12.973 min
Delta R.T.: 0.016 min
Response: 2607459
Conc: 20.11 ug/ml



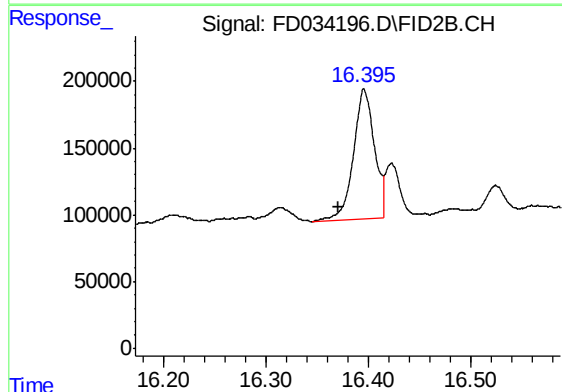
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.842 min
Delta R.T.: 0.017 min
Response: 1257138
Conc: 10.10 ug/ml



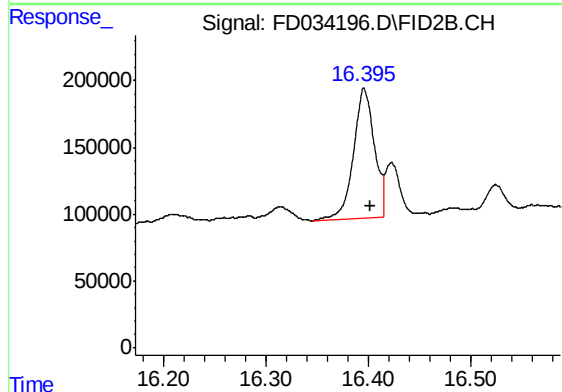
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.017 min
Response: 1207929
Conc: 9.73 ug/ml



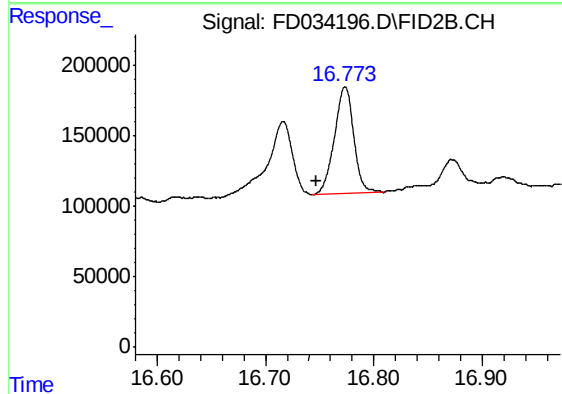
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.396 min
Delta R.T.: 0.025 min
Response: 1371730
Conc: 11.53 ug/ml



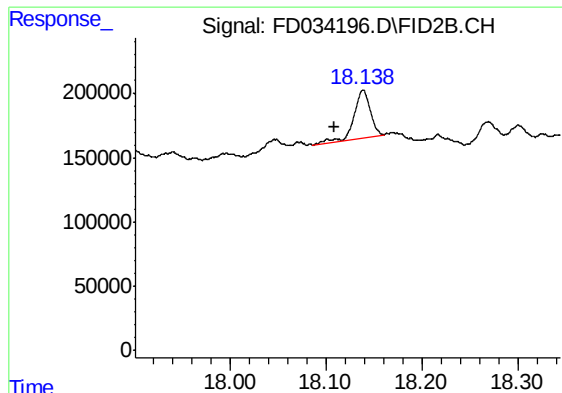
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.396 min
Delta R.T.: -0.006 min
Response: 1371730
Conc: 11.84 ug/ml



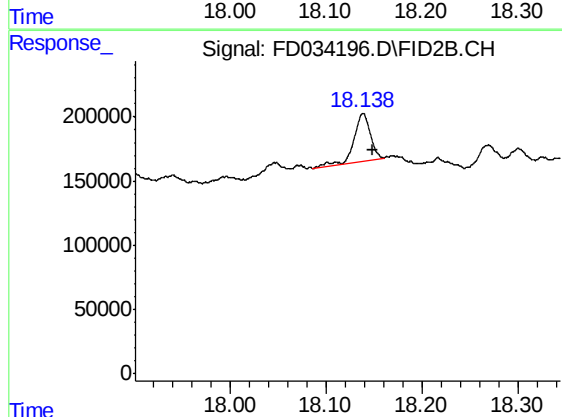
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.774 min
Delta R.T.: 0.026 min
Response: 944121
Conc: 8.11 ug/ml



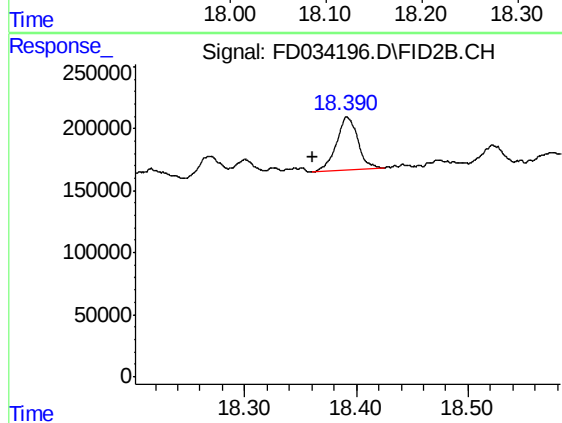
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.139 min
Delta R.T.: 0.030 min
Response: 446116
Conc: 4.01 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.011 min
Response: 446116
Conc: 4.04 ug/ml



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

R.T.: 18.392 min
Delta R.T.: 0.031 min
Response: 568129
Conc: 5.14 ug/ml