

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062422AR\
 Data File : FD043038.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2022 23:43
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 25 04:37:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:36:55 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.649	14802060	95.735 ug/ml
Spiked Amount 50.000		Recovery =	191.47%
6) S 2-Fluorobiphenyl (SURR)	8.515	10199619	97.782 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.56%#
11) S ortho-Terphenyl (SURR)	11.564	17106139	95.753 ug/ml
Spiked Amount 50.000		Recovery =	191.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	16082641	97.092 ug/ml
2) T Naphthalene (C11.7)	5.984	16885591	97.642 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	15532695	97.836 ug/ml
5) T Acenaphthylene (C15.06)	8.320	16747914	95.988 ug/ml
7) T Acenaphthene (C15.5)	8.617	16673508	96.484 ug/ml
8) T Fluorene (C16.55)	9.400	16566655	96.839 ug/ml
9) T Phenanthrene (C19.36)	10.800	16448247	97.026 ug/ml
10) T Anthracene (C19.43)	10.877	15882908	94.379 ug/ml
12) T Fluoranthene (C21.85)	12.617	15860068	95.770 ug/ml
13) T Pyrene (C20.8)	12.916	15666030	97.365 ug/ml
14) T Benzo[a]anthracene (C...	14.790	14821300	95.904 ug/ml
15) T Chrysene (C27.41)	14.839	14511778	93.602 ug/mlm
16) T benzo[b]fluoranthene ...	16.346	14525240	95.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.385	13425786	93.034 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.727	13443002	95.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	12451168	101.027 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	12026155	89.927 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.357	12394135	96.145 ug/ml

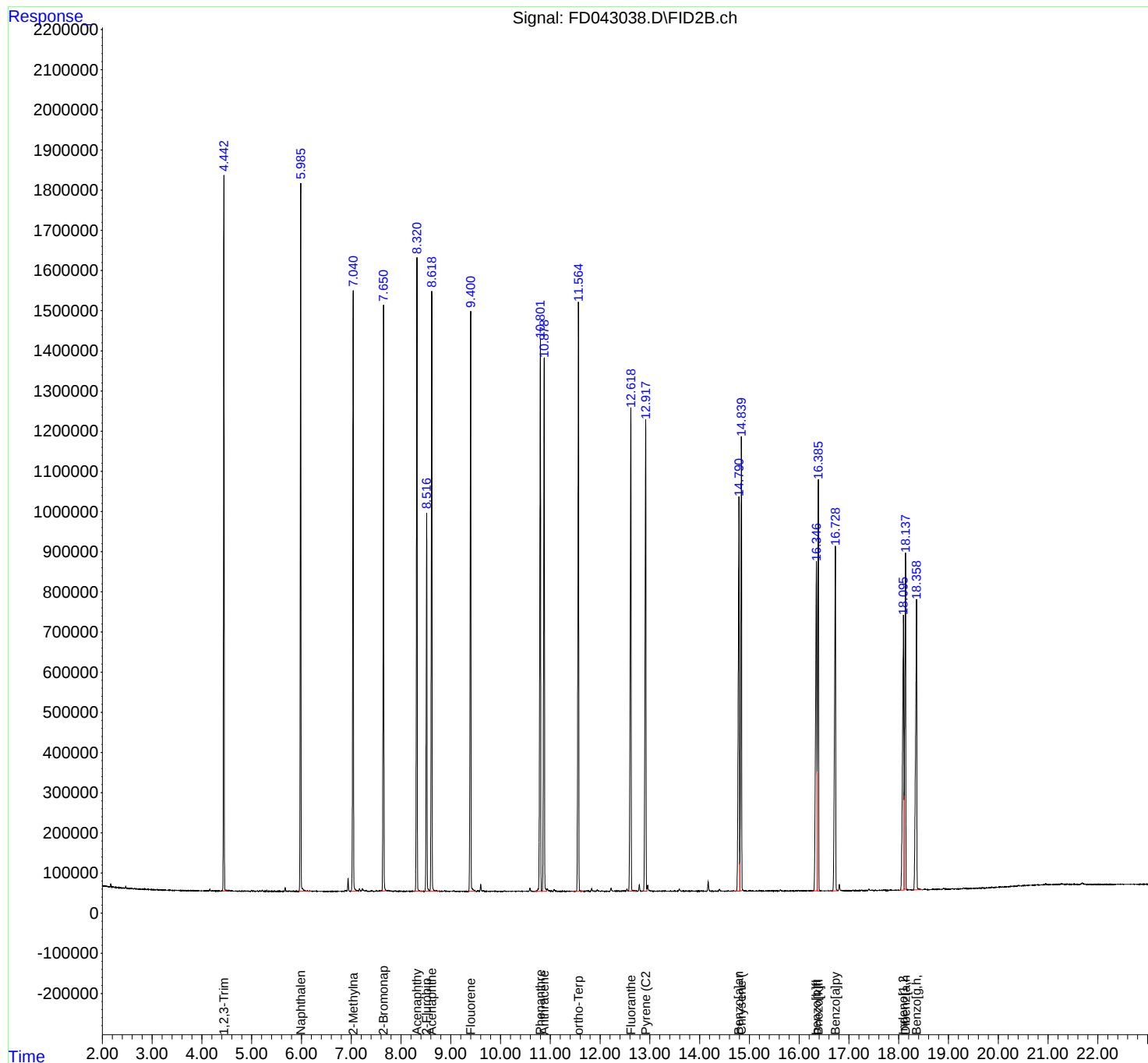
(f)=RT Delta > 1/2 Window

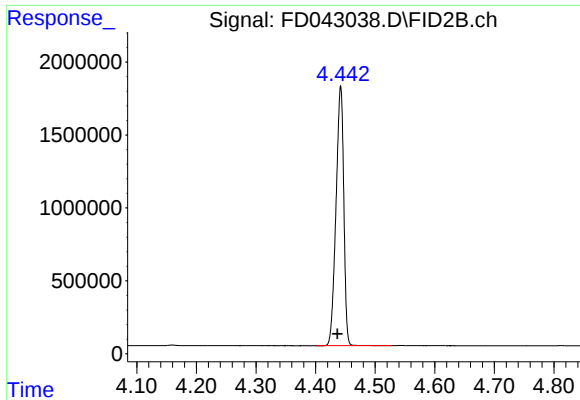
(m)=manual int.

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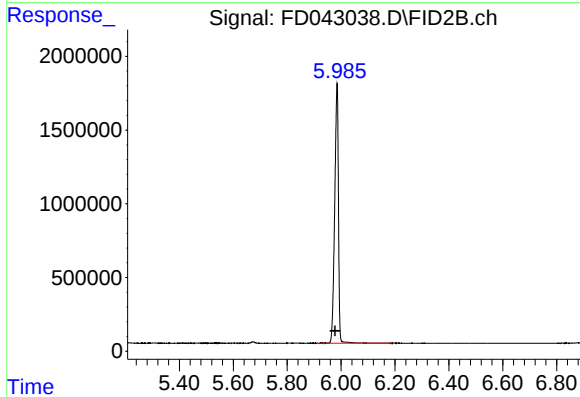
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





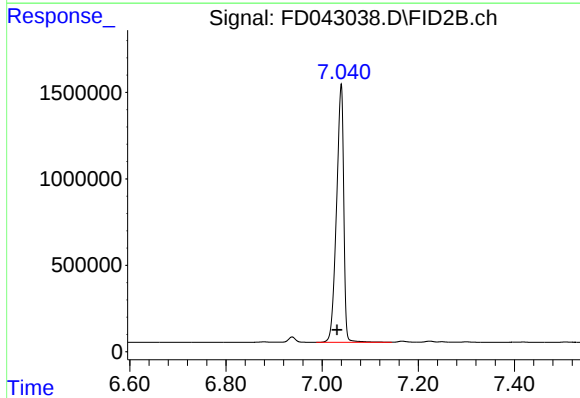
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: 0.005 min
Response: 16082641
Conc: 97.09 ug/ml



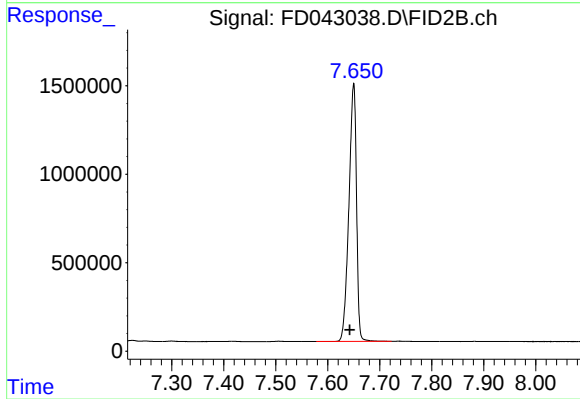
#2 Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: 0.007 min
Response: 16885591
Conc: 97.64 ug/ml



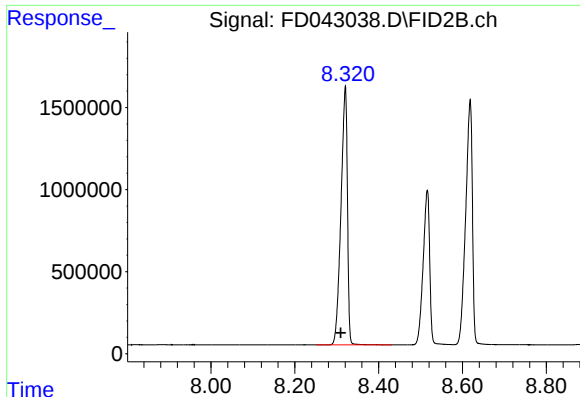
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.008 min
Response: 15532695
Conc: 97.84 ug/ml



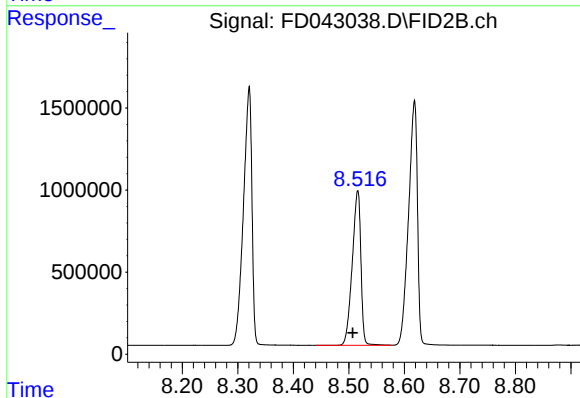
#4 2-Bromonaphthalene (SURR)

R.T.: 7.649 min
Delta R.T.: 0.007 min
Response: 14802060
Conc: 95.74 ug/ml



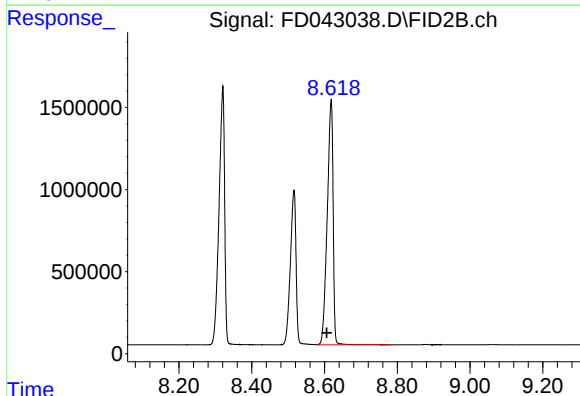
#5 Acenaphthylene (C15.06)

R.T.: 8.320 min
Delta R.T.: 0.010 min
Response: 16747914
Conc: 95.99 ug/ml



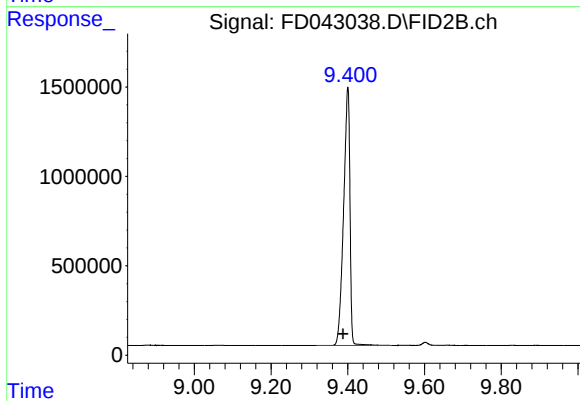
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: 0.009 min
Response: 10199619
Conc: 97.78 ug/ml



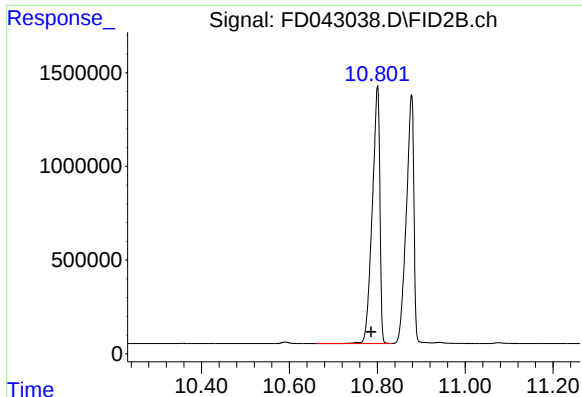
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: 0.011 min
Response: 16673508
Conc: 96.48 ug/ml



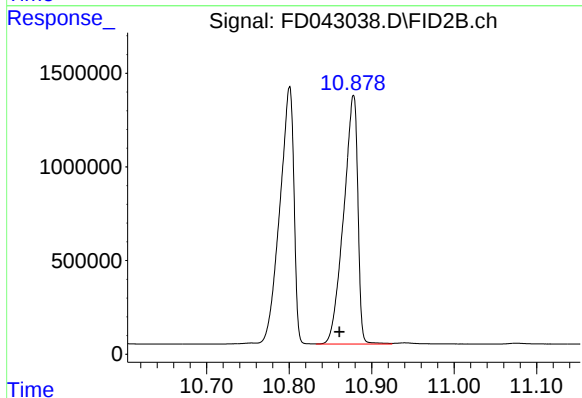
#8 Flouorene (C16.55)

R.T.: 9.400 min
Delta R.T.: 0.012 min
Response: 16566655
Conc: 96.84 ug/ml



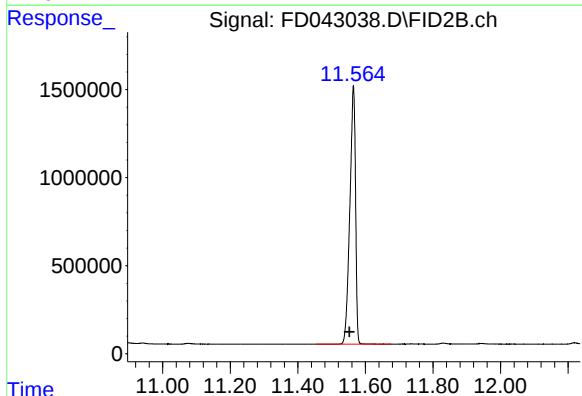
#9 Phenanthrene (C19.36)

R.T.: 10.800 min
Delta R.T.: 0.014 min
Response: 16448247
Conc: 97.03 ug/ml



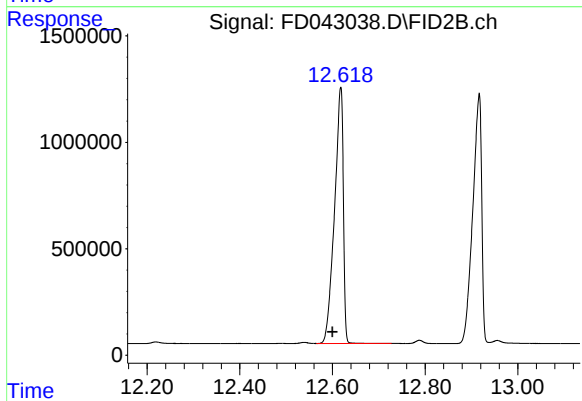
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: 0.016 min
Response: 15882908
Conc: 94.38 ug/ml



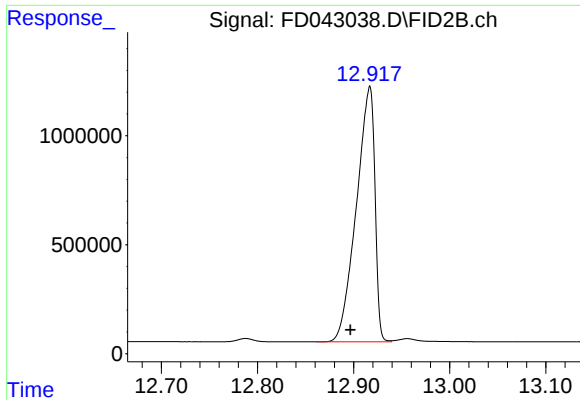
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: 0.011 min
Response: 17106139
Conc: 95.75 ug/ml



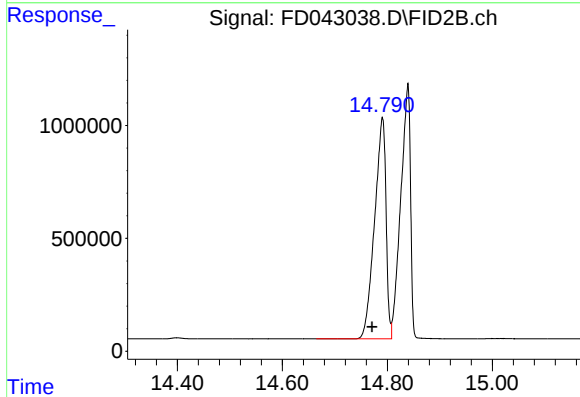
#12 Fluoranthene (C21.85)

R.T.: 12.617 min
Delta R.T.: 0.017 min
Response: 15860068
Conc: 95.77 ug/ml



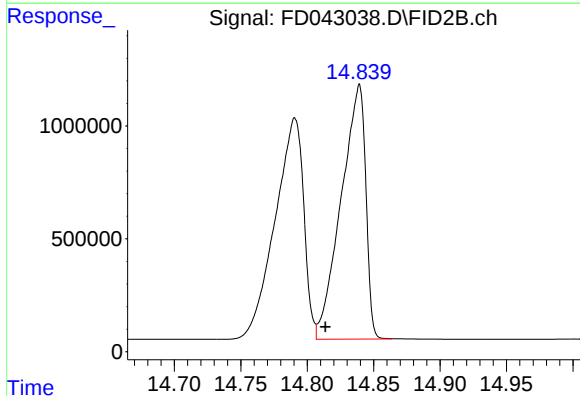
#13 Pyrene (C20.8)

R.T.: 12.916 min
Delta R.T.: 0.019 min
Response: 15666030
Conc: 97.37 ug/ml



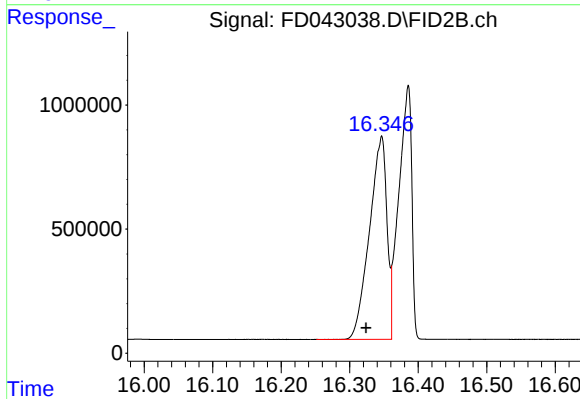
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: 0.019 min
Response: 14821300
Conc: 95.90 ug/ml



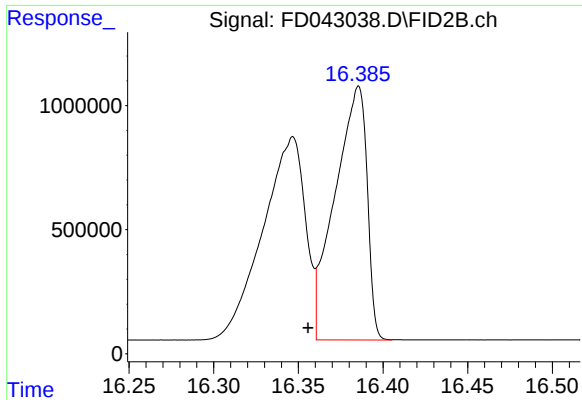
#15 Chrysene (C27.41)

R.T.: 14.839 min
Delta R.T.: 0.026 min
Response: 14511778
Conc: 93.60 ug/ml m



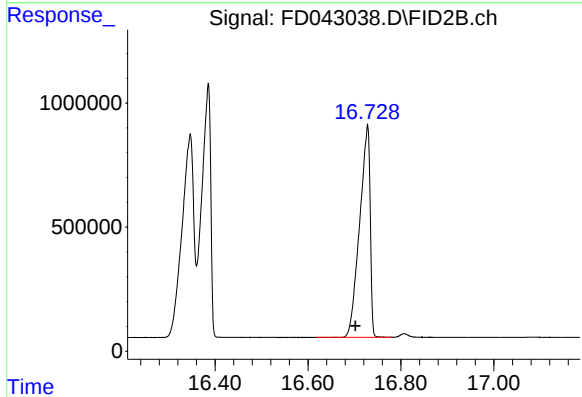
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.346 min
Delta R.T.: 0.022 min
Response: 14525240
Conc: 95.91 ug/ml



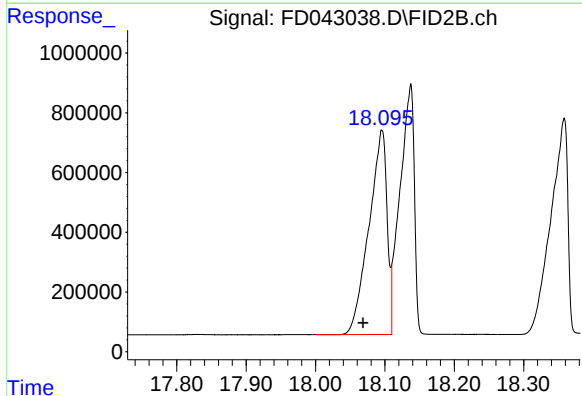
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.385 min
Delta R.T.: 0.030 min
Response: 13425786
Conc: 93.03 ug/ml m



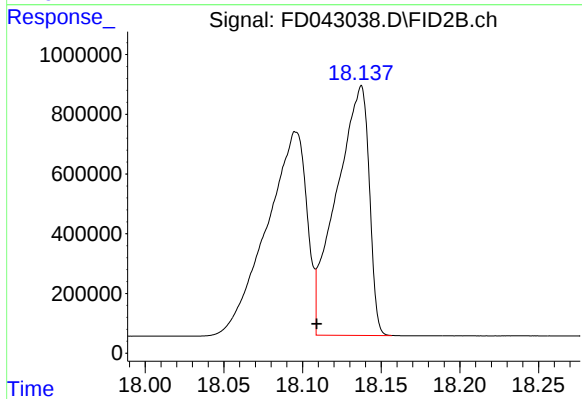
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.727 min
Delta R.T.: 0.025 min
Response: 13443002
Conc: 95.08 ug/ml



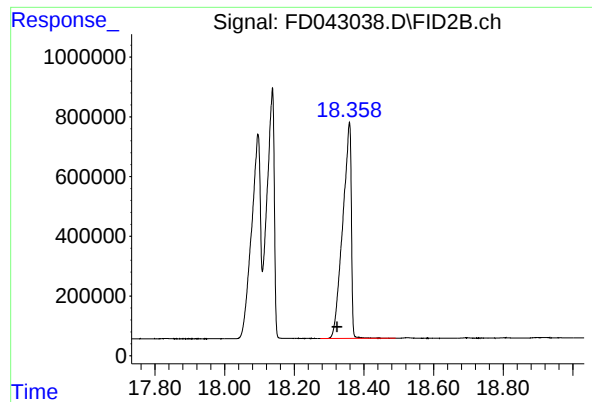
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: 0.026 min
Response: 12451168
Conc: 101.03 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.028 min
Response: 12026155
Conc: 89.93 ug/ml m



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

R.T.: 18.357 min
Delta R.T.: 0.034 min
Response: 12394135
Conc: 96.15 ug/ml