

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092121AR\
 Data File : FD038858.D
 Signal(s) : FID2B.CH
 Acq On : 21 Sep 2021 23:26
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 22 03:36:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:29:53 2021
 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...	7.765	2907562	20.454 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
6) S 2-Fluorobiphenyl (SURR)	8.635	1967533	20.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.678	2962421	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.555	3103704	20.626 ug/ml
2) T Naphthalene (C11.7)	6.102	3275438	20.517 ug/ml
3) T 2-Methylnaphthalene (...)	7.156	3308647	20.450 ug/ml
5) T Acenaphthylene (C15.06)	8.437	3017137	20.118 ug/ml
7) T Acenaphthene (C15.5)	8.733	3176727	20.178 ug/ml
8) T Fluorene (C16.55)	9.515	3123094	20.003 ug/ml
9) T Phenanthrene (C19.36)	10.916	2971006	19.422 ug/ml
10) T Anthracene (C19.43)	10.991	2949871	19.283 ug/ml
12) T Fluoranthene (C21.85)	12.731	2808846	18.777 ug/ml
13) T Pyrene (C20.8)	13.030	2688325	18.560 ug/ml
14) T Benzo[a]anthracene (C...	14.899	2305454	18.111 ug/ml
15) T Chrysene (C27.41)	14.943	2400627	18.024 ug/ml
16) T benzo[b]fluoranthene ...	16.450	2145707	18.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	2130662	18.630 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.829	2082906	18.971 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.193	2070634	20.287 ug/ml
20) T Dibenz[a,h]anthracene...	18.232	2086255	20.505 ug/ml
21) T Benzo[g,h,i]perylene ...	18.449	2098544	20.598 ug/ml

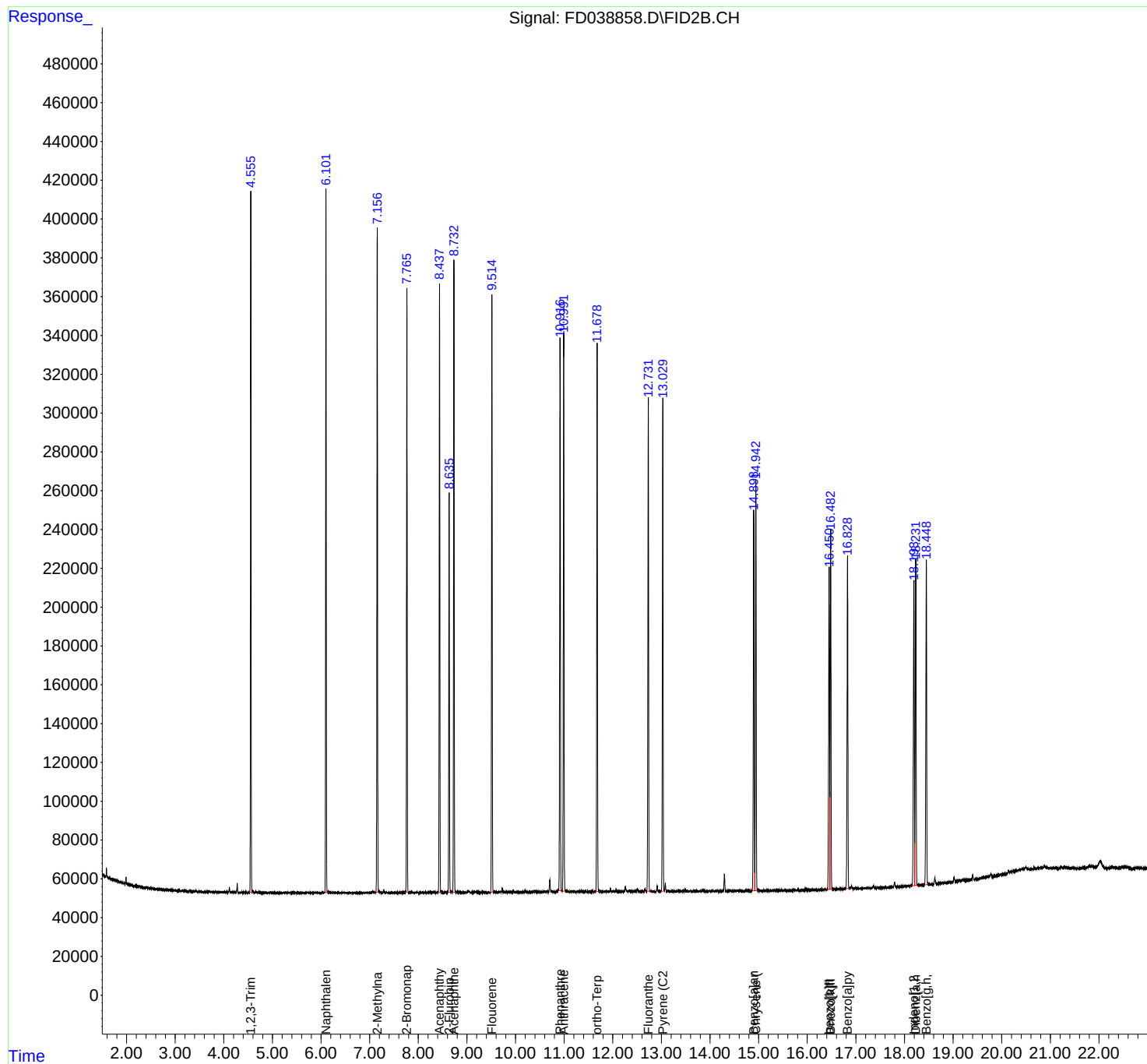
(f)=RT Delta > 1/2 Window

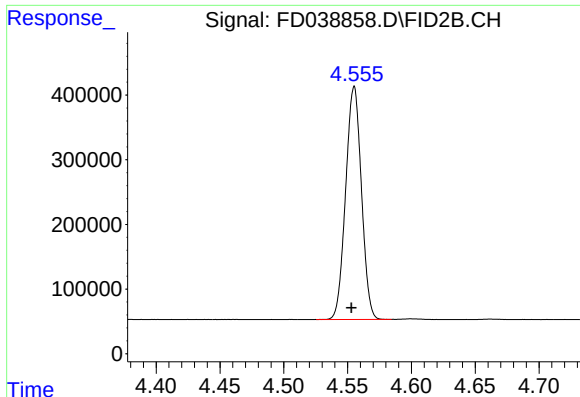
(m)=manual int.

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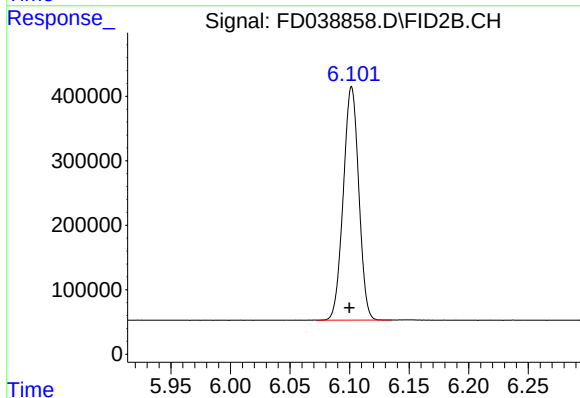
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





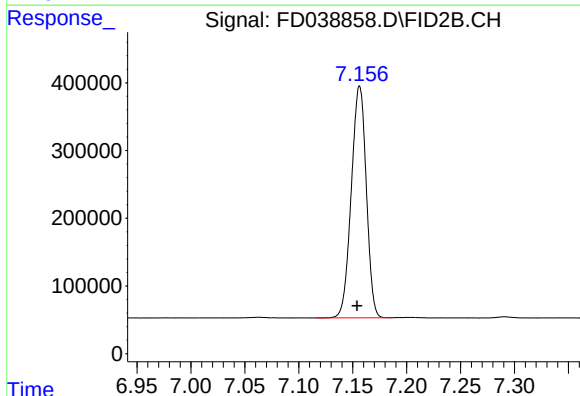
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.555 min
Delta R.T.: 0.002 min
Response: 3103704
Conc: 20.63 ug/ml



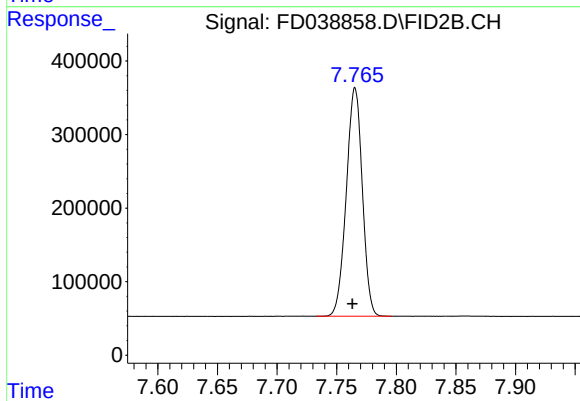
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 3275438
Conc: 20.52 ug/ml



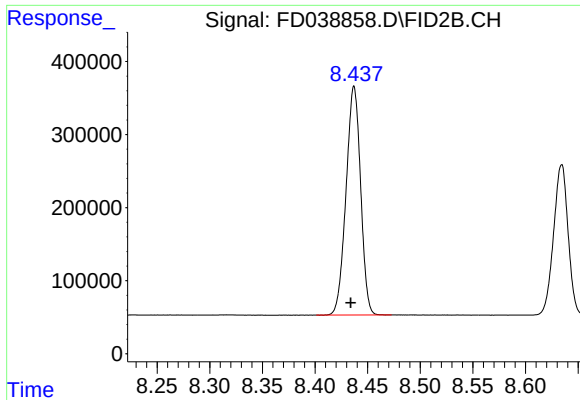
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 3308647
Conc: 20.45 ug/ml



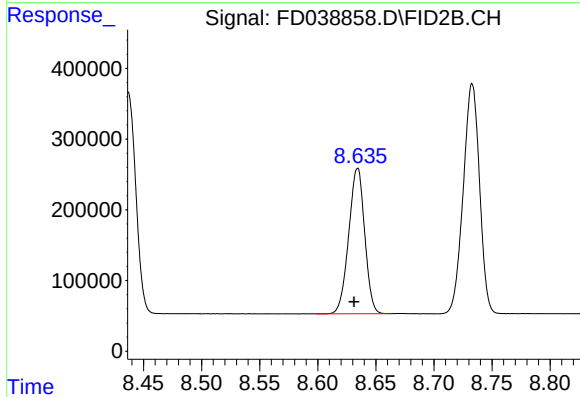
#4 2-Bromonaphthalene (SURR)

R.T.: 7.765 min
Delta R.T.: 0.002 min
Response: 2907562
Conc: 20.45 ug/ml



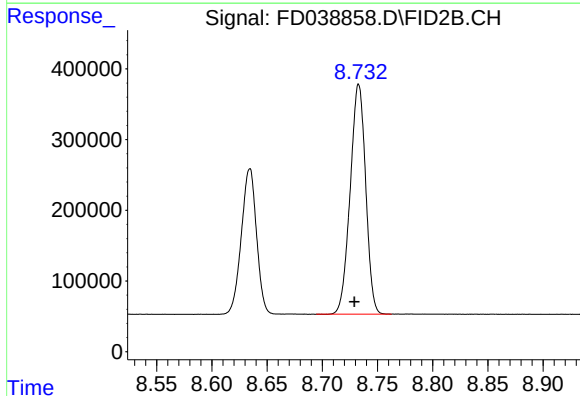
#5 Acenaphthylene (C15.06)

R.T.: 8.437 min
Delta R.T.: 0.003 min
Response: 3017137
Conc: 20.12 ug/ml



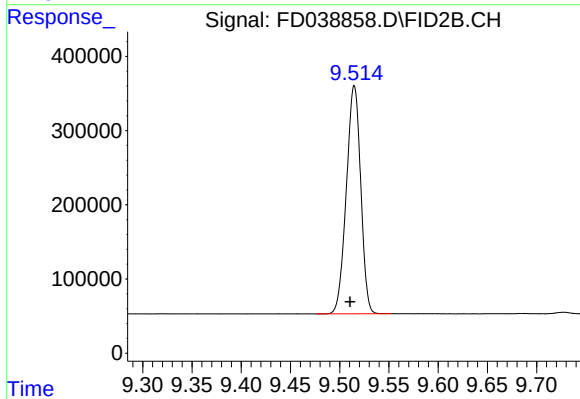
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.635 min
Delta R.T.: 0.003 min
Response: 1967533
Conc: 20.15 ug/ml



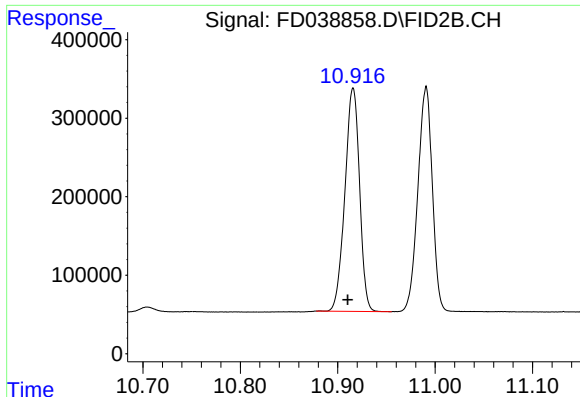
#7 Acenaphthene (C15.5)

R.T.: 8.733 min
Delta R.T.: 0.004 min
Response: 3176727
Conc: 20.18 ug/ml



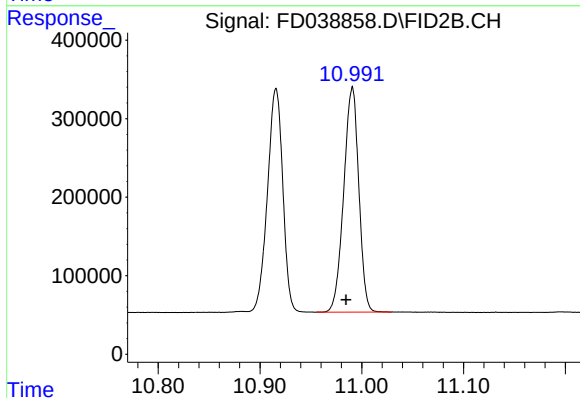
#8 Fluorene (C16.55)

R.T.: 9.515 min
Delta R.T.: 0.004 min
Response: 3123094
Conc: 20.00 ug/ml



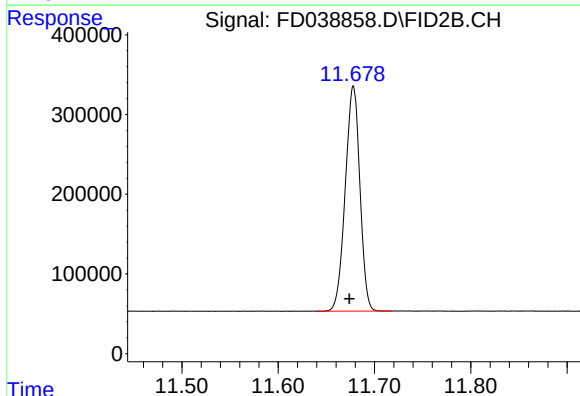
#9 Phenanthrene (C19.36)

R.T.: 10.916 min
Delta R.T.: 0.006 min
Response: 2971006
Conc: 19.42 ug/ml



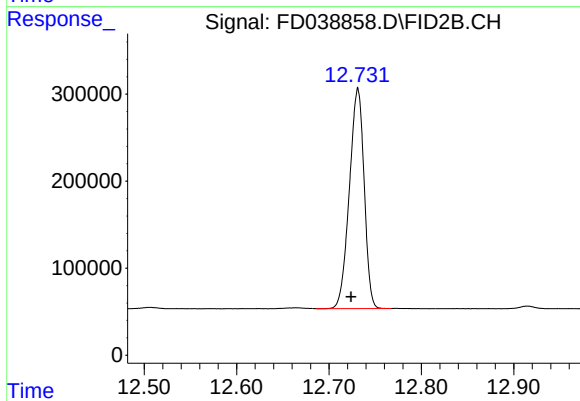
#10 Anthracene (C19.43)

R.T.: 10.991 min
Delta R.T.: 0.006 min
Response: 2949871
Conc: 19.28 ug/ml



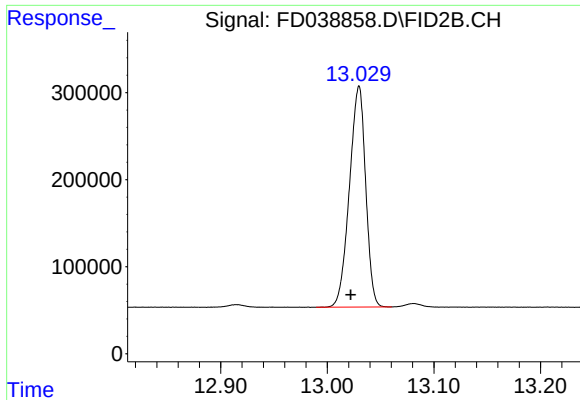
#11 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.004 min
Response: 2962421
Conc: 19.68 ug/ml



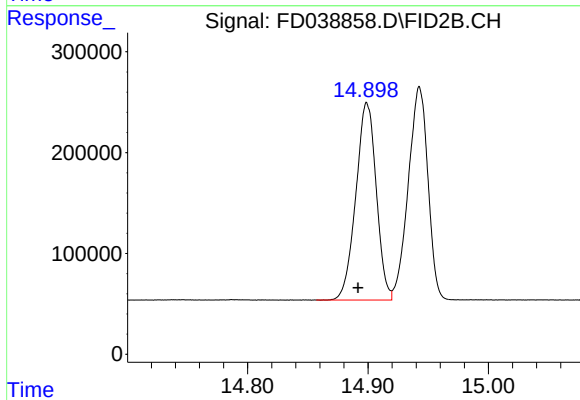
#12 Fluoranthene (C21.85)

R.T.: 12.731 min
Delta R.T.: 0.007 min
Response: 2808846
Conc: 18.78 ug/ml



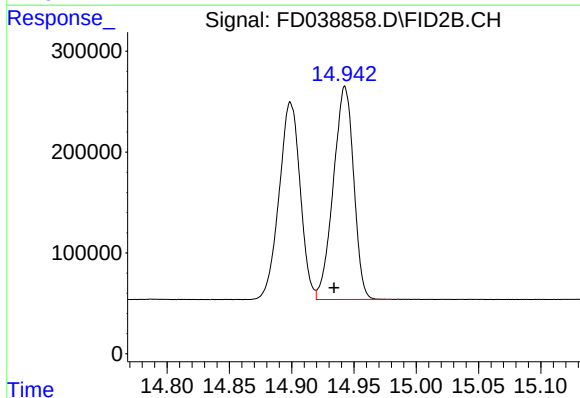
#13 Pyrene (C20.8)

R.T.: 13.030 min
Delta R.T.: 0.008 min
Response: 2688325
Conc: 18.56 ug/ml



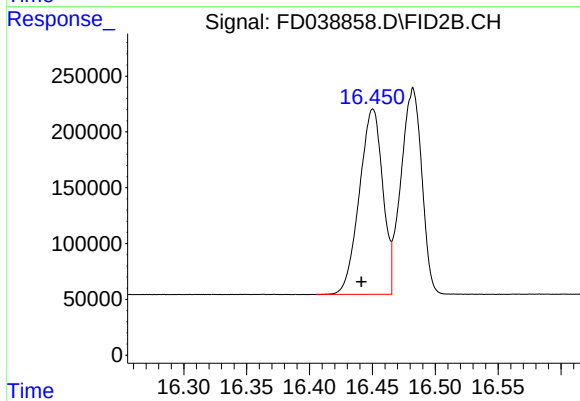
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.007 min
Response: 2305454
Conc: 18.11 ug/ml



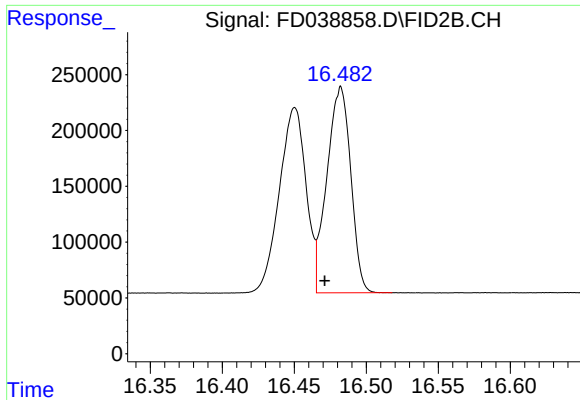
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.009 min
Response: 2400627
Conc: 18.02 ug/ml



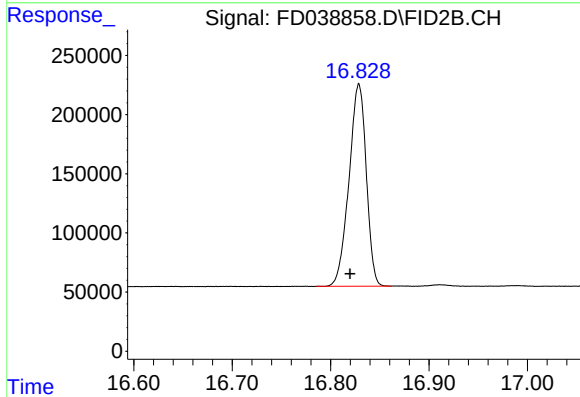
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.450 min
Delta R.T.: 0.009 min
Response: 2145707
Conc: 18.57 ug/ml



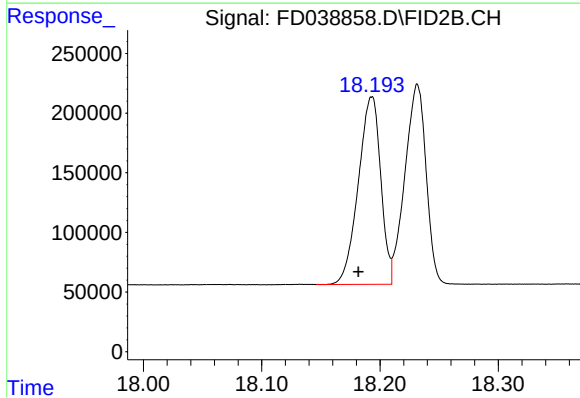
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.482 min
Delta R.T.: 0.011 min
Response: 2130662
Conc: 18.63 ug/ml



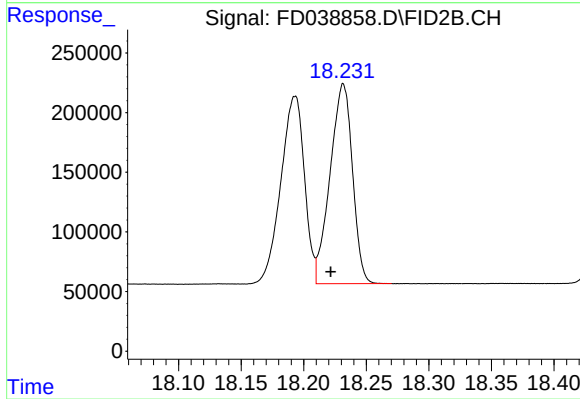
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.829 min
Delta R.T.: 0.009 min
Response: 2082906
Conc: 18.97 ug/ml



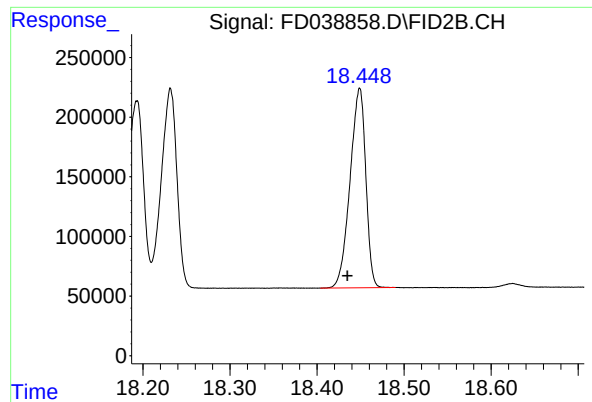
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.193 min
Delta R.T.: 0.011 min
Response: 2070634
Conc: 20.29 ug/ml



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

R.T.: 18.232 min
Delta R.T.: 0.010 min
Response: 2086255
Conc: 20.50 ug/ml



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

R.T.: 18.449 min
Delta R.T.: 0.014 min
Response: 2098544
Conc: 20.60 ug/ml