

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AR\
 Data File : FD038397.D
 Signal(s) : FID2B.CH
 Acq On : 04 Aug 2021 00:01
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 04 10:57:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:20 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...	7.477	6659773	52.550 ug/ml
Spiked Amount 50.000		Recovery =	105.10%
6) S 2-Fluorobiphenyl (SURR)	8.337	4601800	53.001 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.00%
11) S ortho-Terphenyl (SURR)	11.374	7410206	51.658 ug/ml
Spiked Amount 50.000		Recovery =	103.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	7297474	52.035 ug/ml
2) T Naphthalene (C11.7)	5.816	7692037	52.819 ug/ml
3) T 2-Methylnaphthalene (...)	6.868	7581077	52.276 ug/ml
5) T Acenaphthylene (C15.06)	8.140	7457434	51.650 ug/ml
7) T Acenaphthene (C15.5)	8.436	7723693	51.599 ug/ml
8) T Fluorene (C16.55)	9.215	7426435	52.118 ug/ml
9) T Phenanthrene (C19.36)	10.610	7321139	51.867 ug/ml
10) T Anthracene (C19.43)	10.686	7111018	52.017 ug/ml
12) T Fluoranthene (C21.85)	12.421	7199830	51.258 ug/ml
13) T Pyrene (C20.8)	12.717	7147327	51.022 ug/ml
14) T Benzo[a]anthracene (C...	14.589	6574063	51.342 ug/ml
15) T Chrysene (C27.41)	14.634	6872072	49.757 ug/ml
16) T benzo[b]fluoranthene ...	16.143	6332576	50.641 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	6390993	48.478 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	5940544	49.706 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	5664471	51.411 ug/ml
20) T Dibenz[a,h]anthracene...	17.929	5850028	47.526 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	5664059	49.447 ug/ml

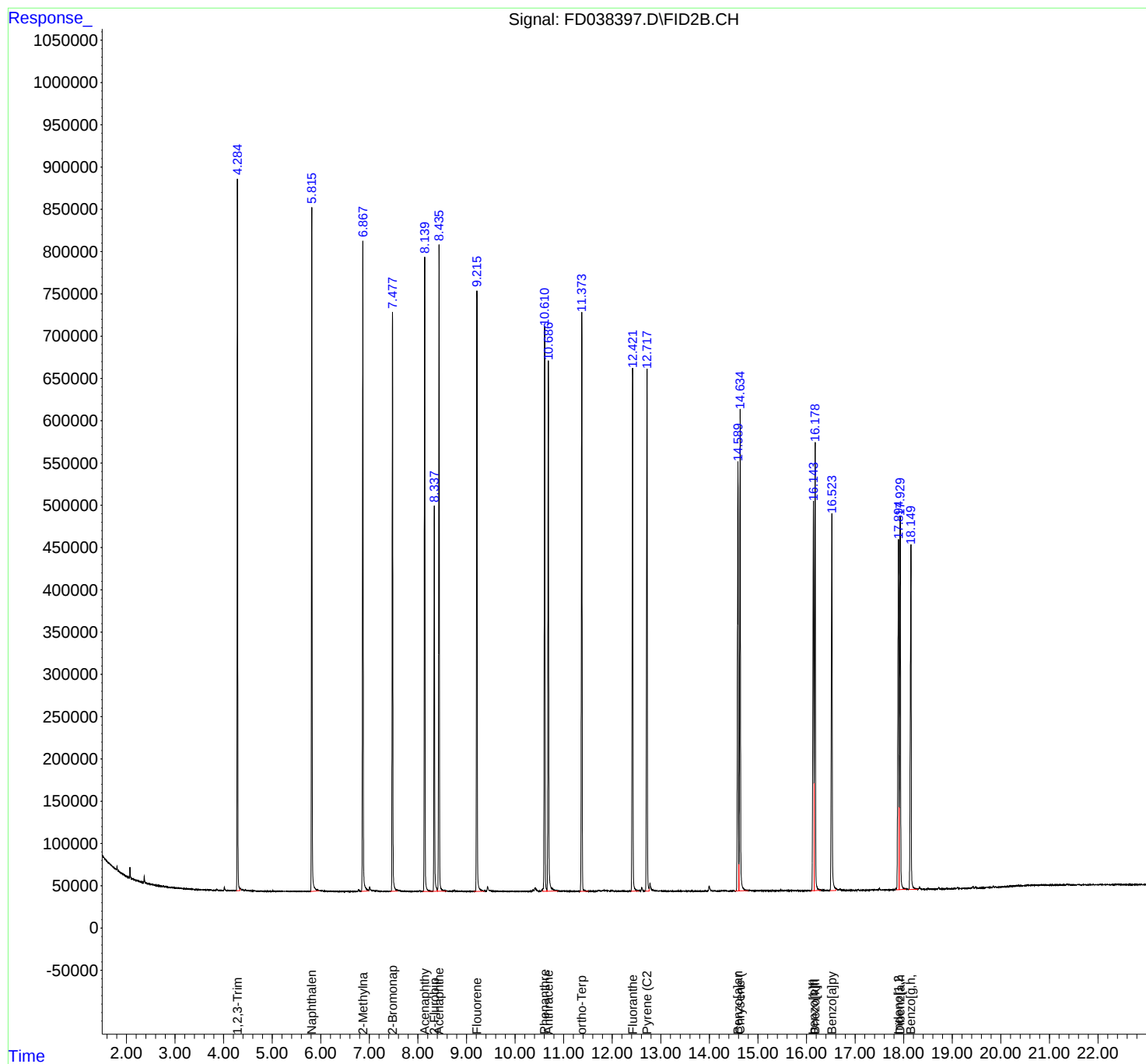
(f)=RT Delta > 1/2 Window

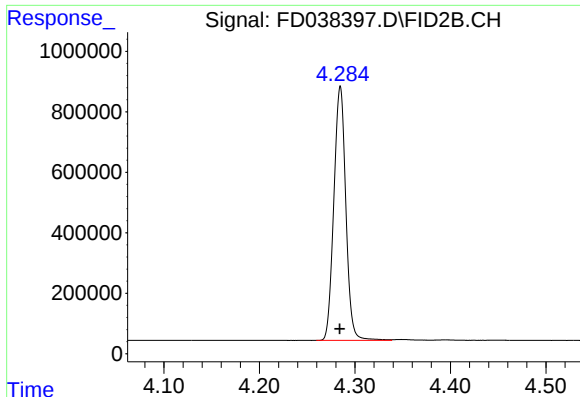
(m)=manual int.

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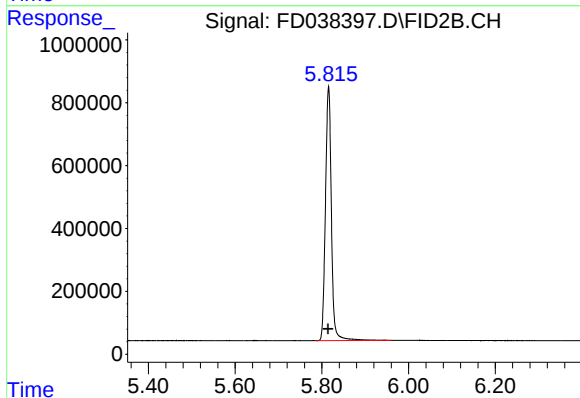
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Signal Info : 20M x 0.18mm x 0.18µm





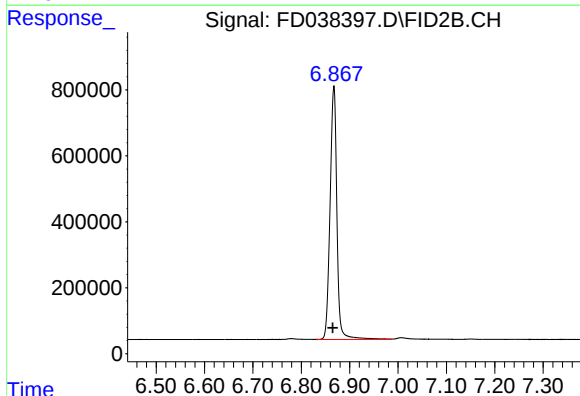
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 7297474
Conc: 52.04 ug/ml



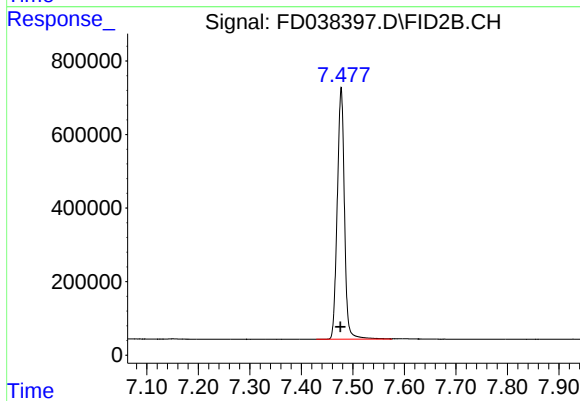
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.001 min
Response: 7692037
Conc: 52.82 ug/ml



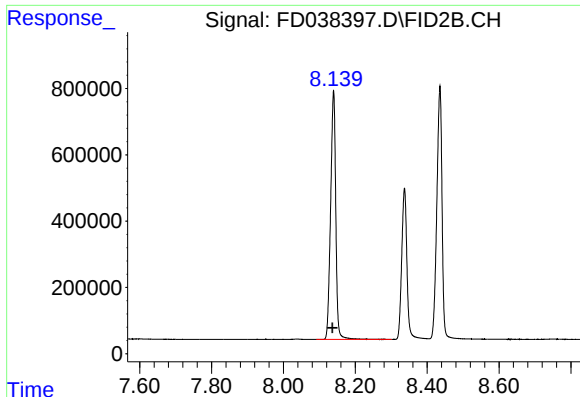
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 7581077
Conc: 52.28 ug/ml



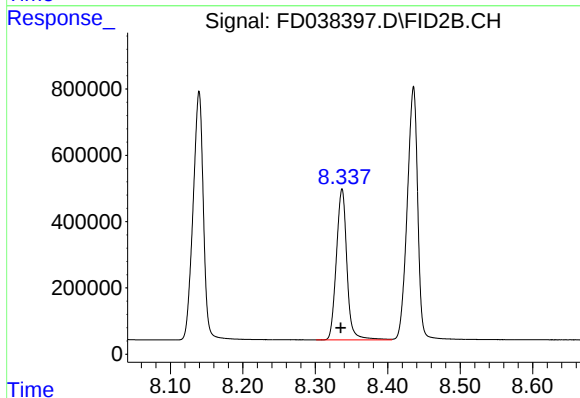
#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: 0.002 min
Response: 6659773
Conc: 52.55 ug/ml



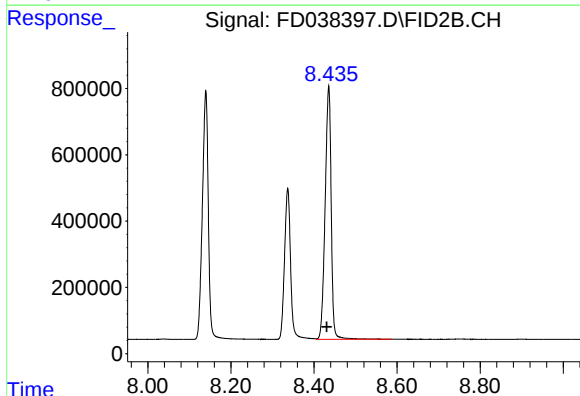
#5 Acenaphthylene (C15.06)

R.T.: 8.140 min
Delta R.T.: 0.004 min
Response: 7457434
Conc: 51.65 ug/ml



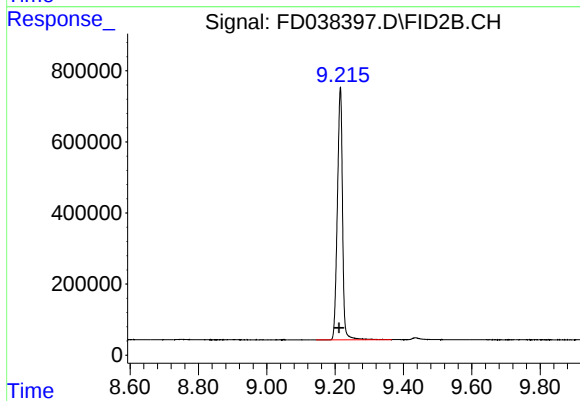
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.002 min
Response: 4601800
Conc: 53.00 ug/ml



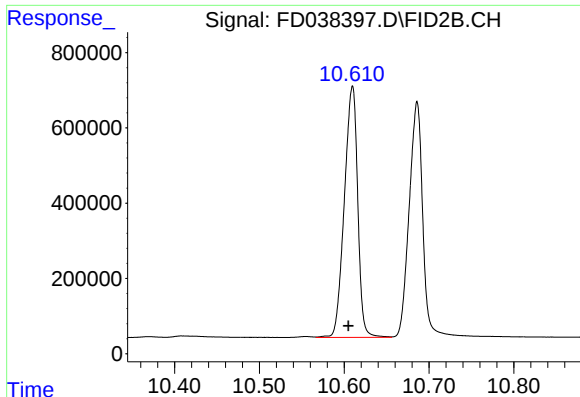
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.005 min
Response: 7723693
Conc: 51.60 ug/ml



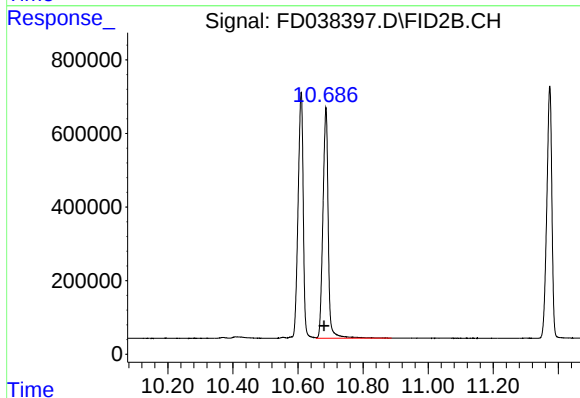
#8 Fluorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.004 min
Response: 7426435
Conc: 52.12 ug/ml



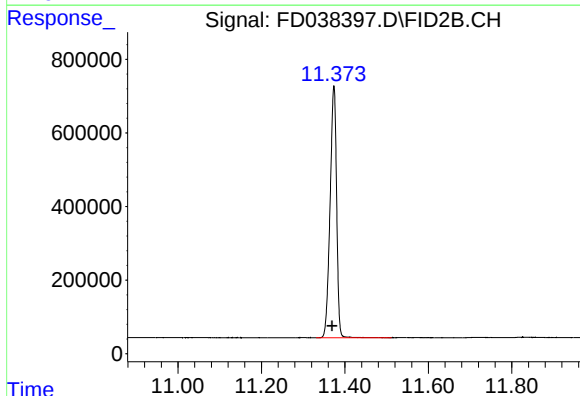
#9 Phenanthrene (C19.36)

R.T.: 10.610 min
Delta R.T.: 0.005 min
Response: 7321139
Conc: 51.87 ug/ml



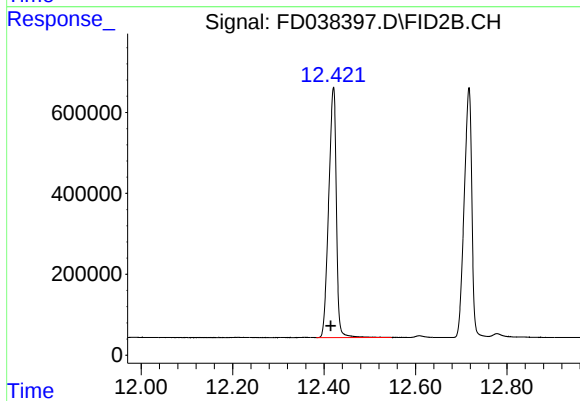
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: 0.006 min
Response: 7111018
Conc: 52.02 ug/ml



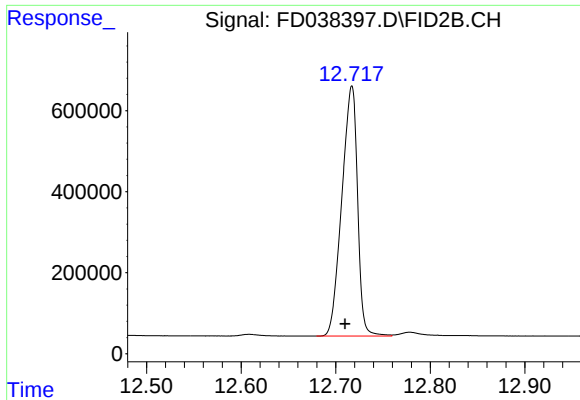
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: 0.005 min
Response: 7410206
Conc: 51.66 ug/ml



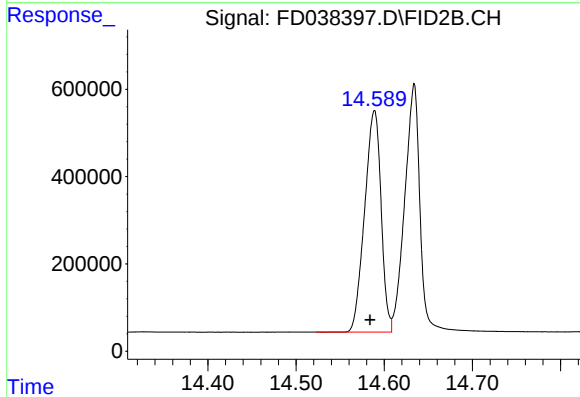
#12 Fluoranthene (C21.85)

R.T.: 12.421 min
Delta R.T.: 0.006 min
Response: 7199830
Conc: 51.26 ug/ml



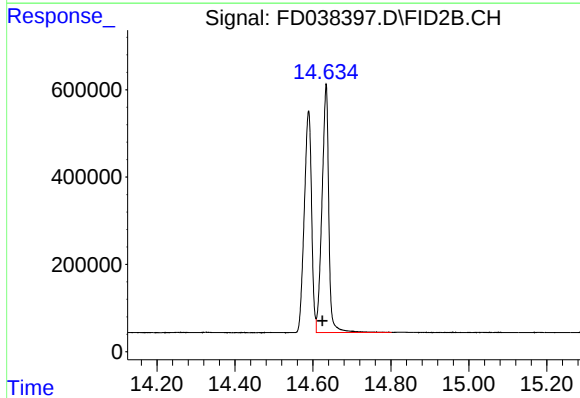
#13 Pyrene (C20.8)

R.T.: 12.717 min
Delta R.T.: 0.007 min
Response: 7147327
Conc: 51.02 ug/ml



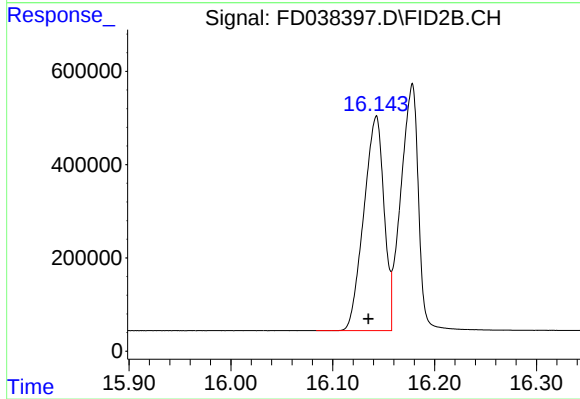
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min
Delta R.T.: 0.005 min
Response: 6574063
Conc: 51.34 ug/ml



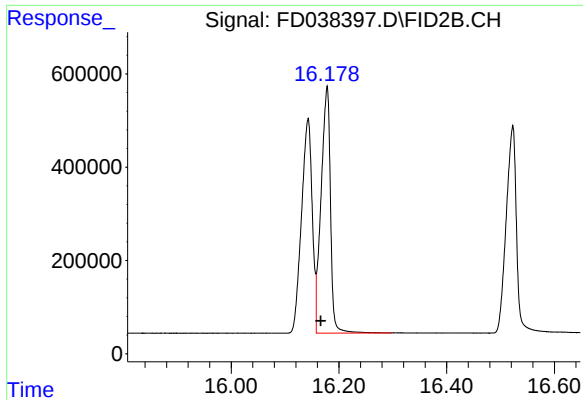
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.009 min
Response: 6872072
Conc: 49.76 ug/ml



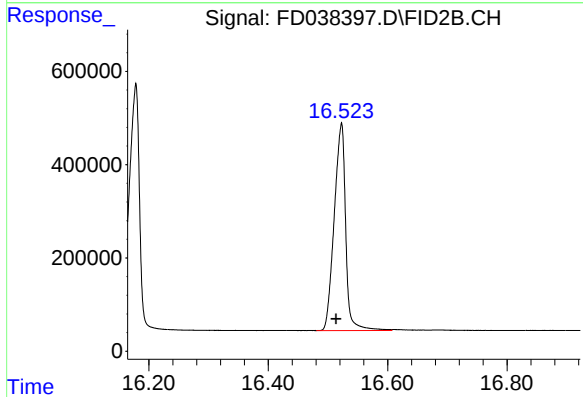
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.143 min
Delta R.T.: 0.008 min
Response: 6332576
Conc: 50.64 ug/ml



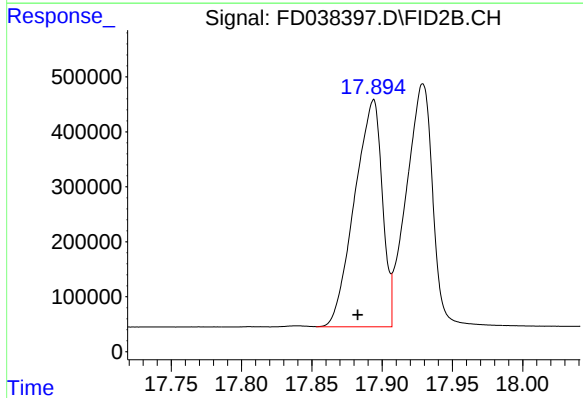
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.178 min
Delta R.T.: 0.012 min
Response: 6390993
Conc: 48.48 ug/ml



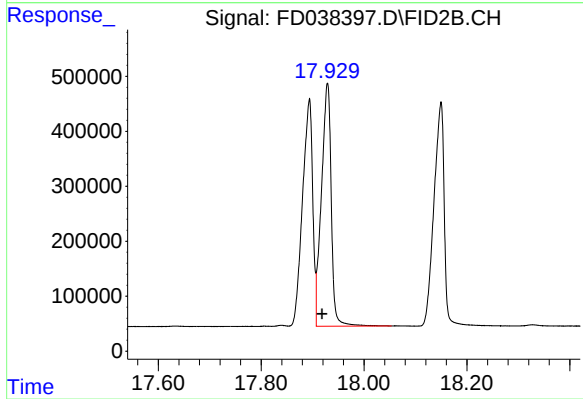
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: 0.009 min
Response: 5940544
Conc: 49.71 ug/ml



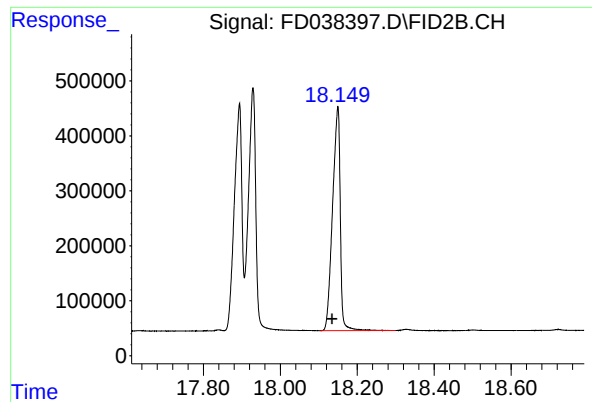
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.011 min
Response: 5664471
Conc: 51.41 ug/ml



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

R.T.: 17.929 min
Delta R.T.: 0.010 min
Response: 5850028
Conc: 47.53 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.015 min
Response: 5664059
Conc: 49.45 ug/ml