

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061820AR\
 Data File : FD033717.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 4:24
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 19 06:35:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 06:33:10 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...	7.572	12725465	116.173 ug/ml
Spiked Amount 50.000		Recovery =	232.35%
6) S 2-Fluorobiphenyl (SURR)	8.435	8921425	120.517 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	241.03%#
11) S ortho-Terphenyl (SURR)	11.467	15006954	110.470 ug/ml
Spiked Amount 50.000		Recovery =	220.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	13804589	111.701 ug/ml
2) T Naphthalene (C11.7)	5.915	14466697	116.081 ug/ml
3) T 2-Methylnaphthalene (...)	6.965	14719522	116.220 ug/ml
5) T Acenaphthylene (C15.06)	8.238	14331337	112.741 ug/ml
7) T Acenaphthene (C15.5)	8.534	14722580	111.537 ug/ml
8) T Fluorene (C16.55)	9.314	14402044	115.909 ug/ml
9) T Phenanthrene (C19.36)	10.709	14515188	113.810 ug/ml
10) T Anthracene (C19.43)	10.786	14405400	115.122 ug/ml
12) T Fluoranthene (C21.85)	12.521	14688353	112.861 ug/ml
13) T Pyrene (C20.8)	12.818	14345126	114.050 ug/ml
14) T Benzo[a]anthracene (C...	14.690	13809883	116.057 ug/ml
15) T Chrysene (C27.41)	14.738	13992754	107.961 ug/ml
16) T benzo[b]fluoranthene ...	16.245	13235627	112.210 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	13018860	104.278 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.629	12937102	108.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	12509756	122.315 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	11313235	91.254 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.259	11954653	106.200 ug/ml

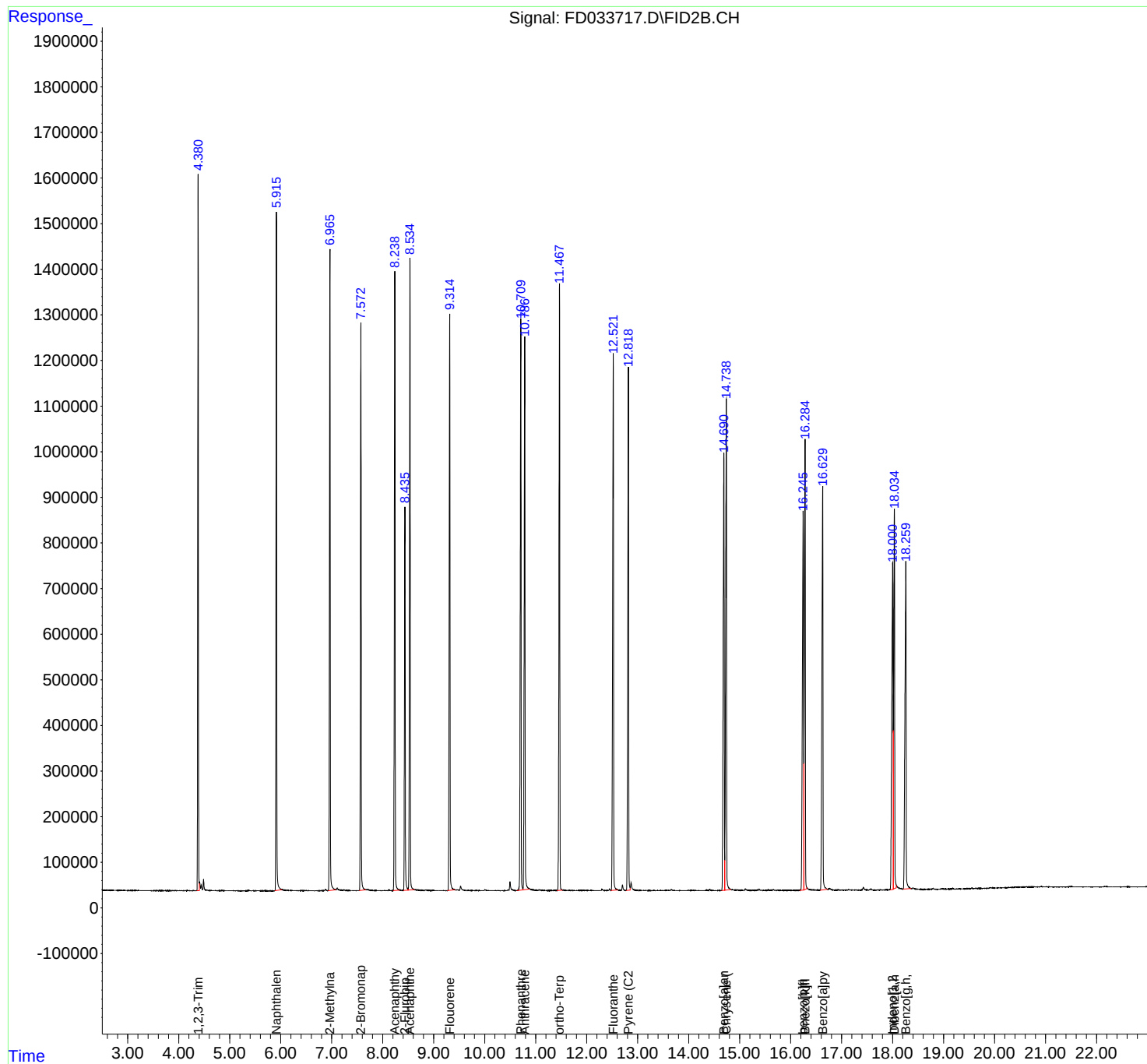
(f)=RT Delta > 1/2 Window

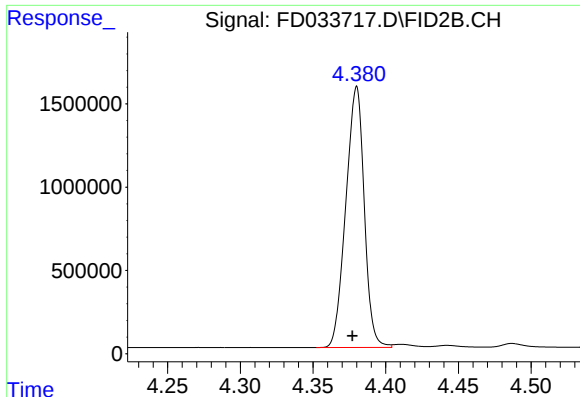
(m)=manual int.

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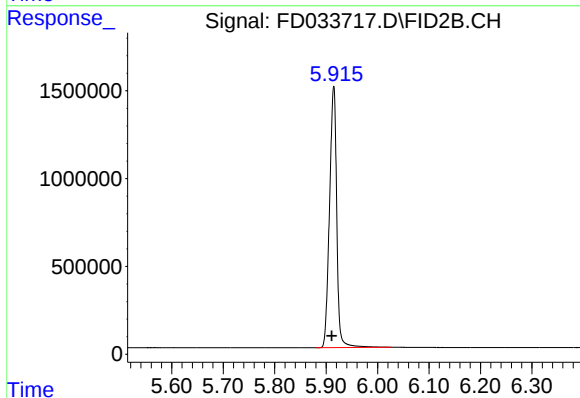
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





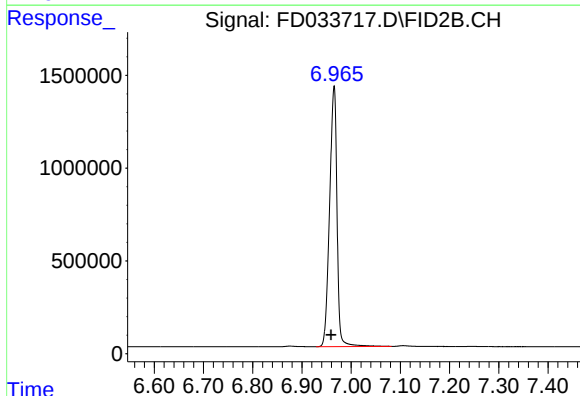
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 13804589
Conc: 111.70 ug/ml



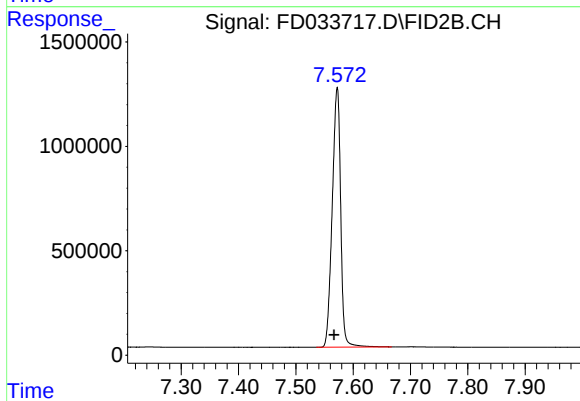
#2 Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 14466697
Conc: 116.08 ug/ml



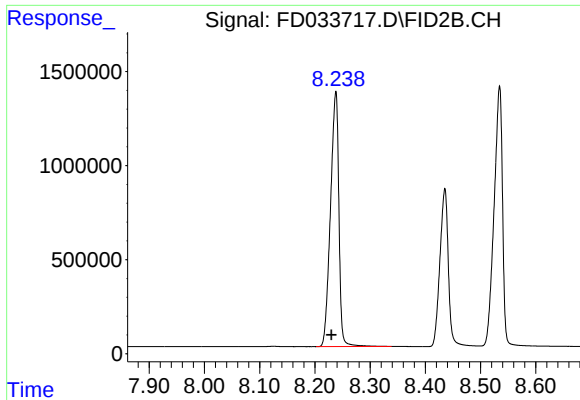
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.006 min
Response: 14719522
Conc: 116.22 ug/ml



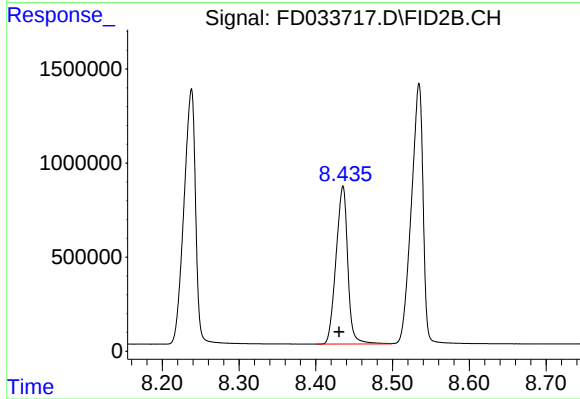
#4 2-Bromonaphthalene (SURR)

R.T.: 7.572 min
Delta R.T.: 0.005 min
Response: 12725465
Conc: 116.17 ug/ml



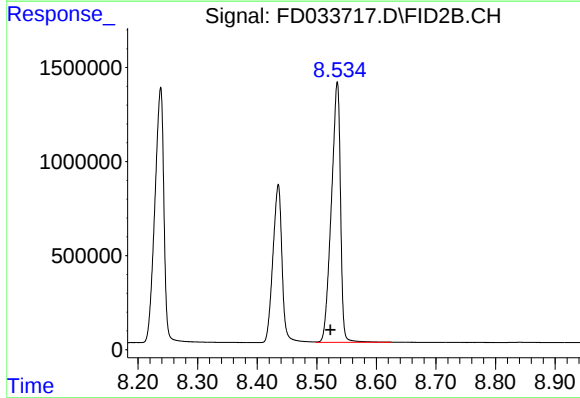
#5 Acenaphthylene (C15.06)

R.T.: 8.238 min
Delta R.T.: 0.008 min
Response: 14331337
Conc: 112.74 ug/ml



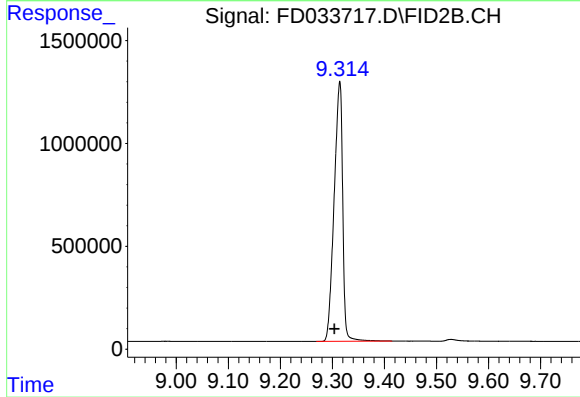
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.435 min
Delta R.T.: 0.005 min
Response: 8921425
Conc: 120.52 ug/ml



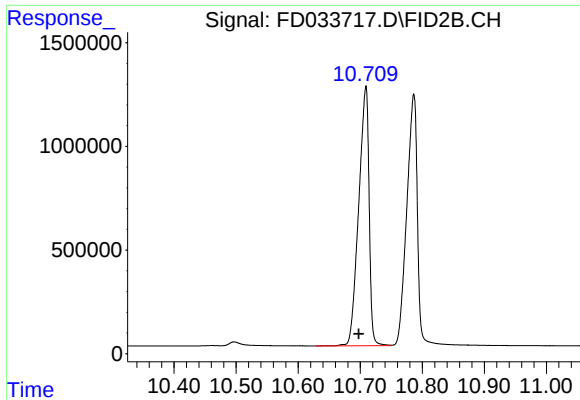
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: 0.011 min
Response: 14722580
Conc: 111.54 ug/ml



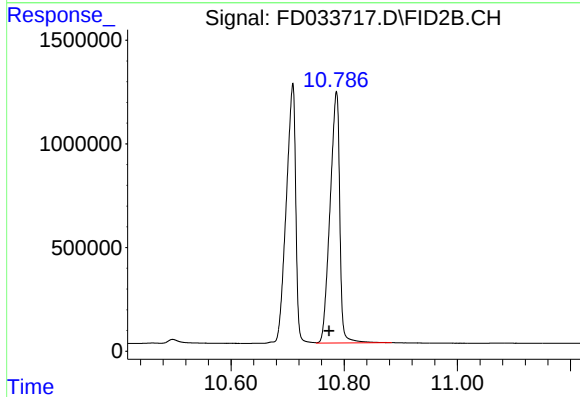
#8 Flouorene (C16.55)

R.T.: 9.314 min
Delta R.T.: 0.010 min
Response: 14402044
Conc: 115.91 ug/ml



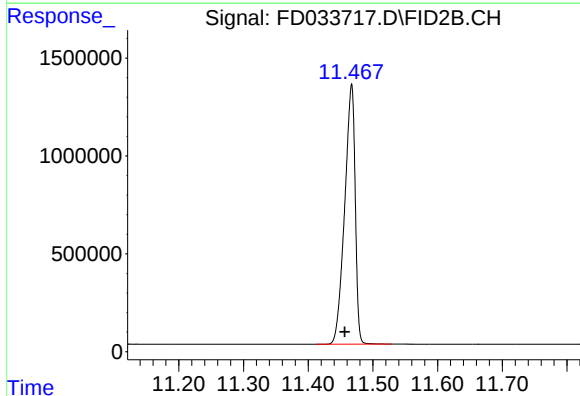
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: 0.011 min
Response: 14515188
Conc: 113.81 ug/ml



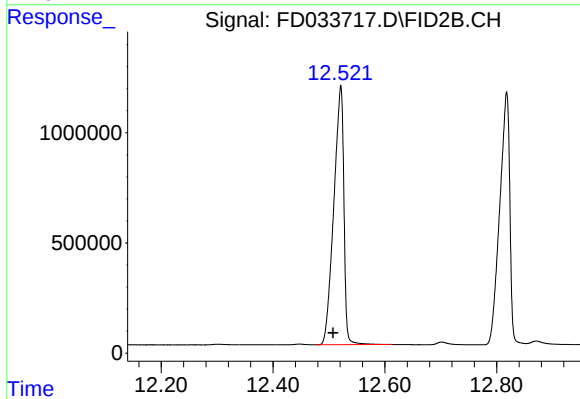
#10 Anthracene (C19.43)

R.T.: 10.786 min
Delta R.T.: 0.013 min
Response: 14405400
Conc: 115.12 ug/ml



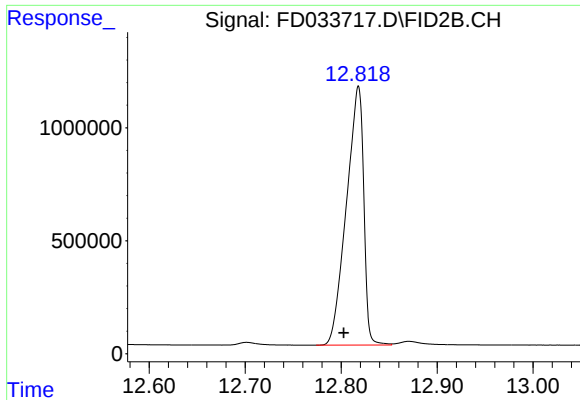
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.011 min
Response: 15006954
Conc: 110.47 ug/ml



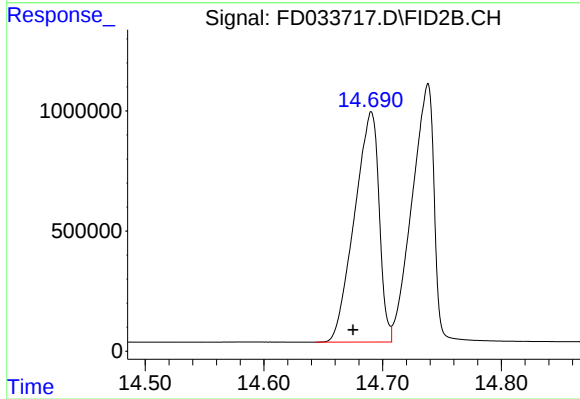
#12 Fluoranthene (C21.85)

R.T.: 12.521 min
Delta R.T.: 0.014 min
Response: 14688353
Conc: 112.86 ug/ml



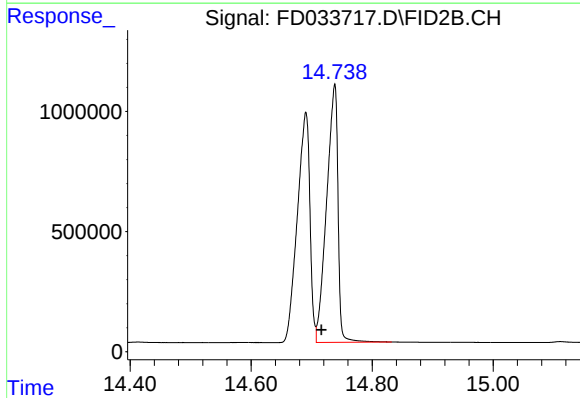
#13 Pyrene (C20.8)

R.T.: 12.818 min
Delta R.T.: 0.015 min
Response: 14345126
Conc: 114.05 ug/ml



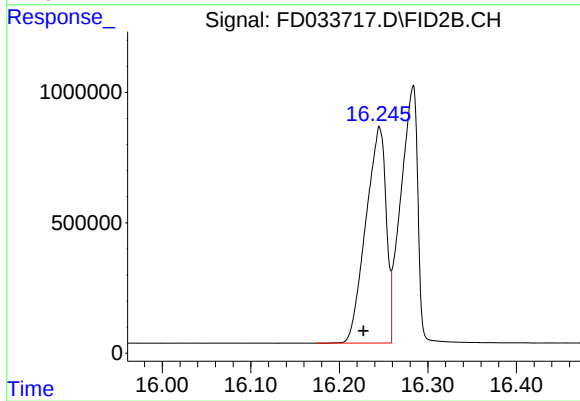
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.690 min
Delta R.T.: 0.015 min
Response: 13809883
Conc: 116.06 ug/ml



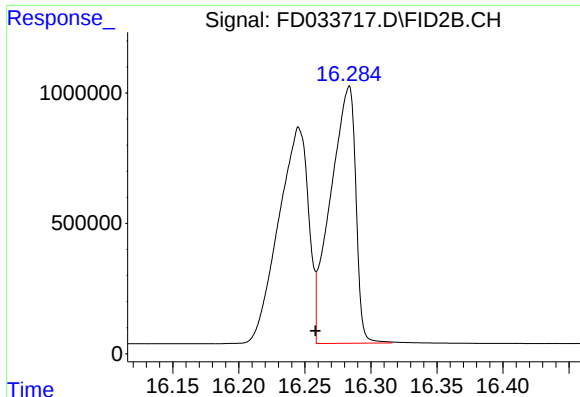
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: 0.022 min
Response: 13992754
Conc: 107.96 ug/ml



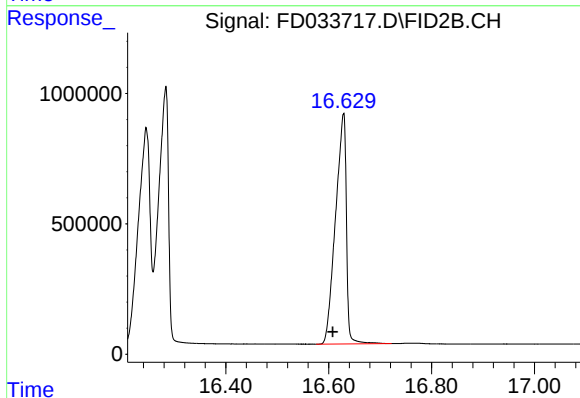
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.245 min
Delta R.T.: 0.018 min
Response: 13235627
Conc: 112.21 ug/ml



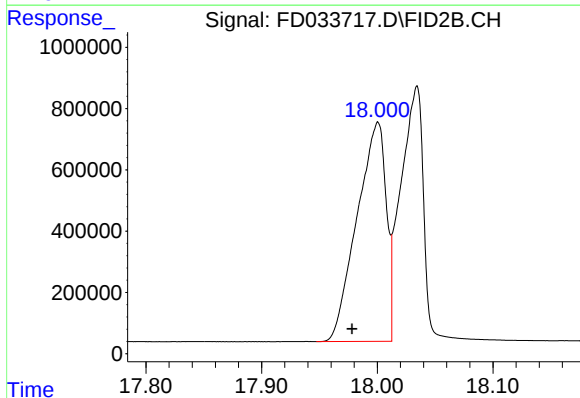
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.284 min
Delta R.T.: 0.026 min
Response: 13018860
Conc: 104.28 ug/ml m



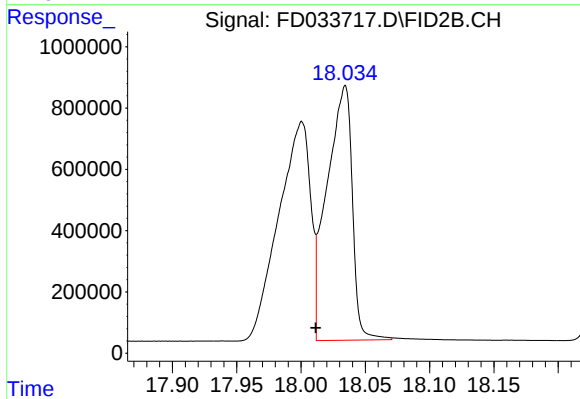
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: 0.021 min
Response: 12937102
Conc: 108.96 ug/ml



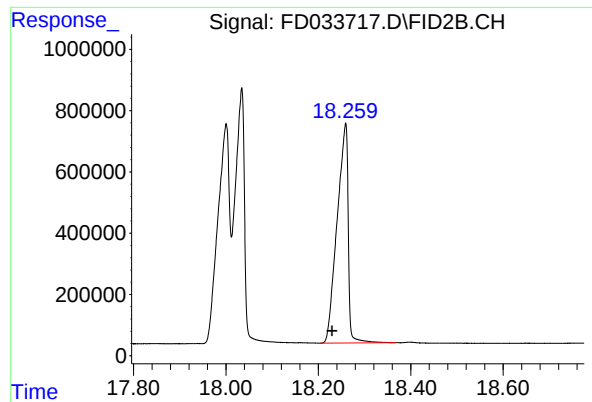
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: 0.022 min
Response: 12509756
Conc: 122.31 ug/ml



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

R.T.: 18.034 min
Delta R.T.: 0.023 min
Response: 11313235
Conc: 91.25 ug/ml m



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

R.T.: 18.259 min
Delta R.T.: 0.029 min
Response: 11954653
Conc: 106.20 ug/ml