

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072820AR\
 Data File : FD034179.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jul 2020 9:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 15:54:45 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...	7.703	2334174	19.434 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
6) S 2-Fluorobiphenyl (SURR)	8.567	1582185	18.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.33%
11) S ortho-Terphenyl (SURR)	11.610	2532765	18.720 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2693220	20.391 ug/ml
2) T Naphthalene (C11.7)	6.040	2736608	19.757 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	2705759	19.428 ug/ml
5) T Acenaphthylene (C15.06)	8.371	2487139	18.500 ug/ml
7) T Acenaphthene (C15.5)	8.667	2592339	18.940 ug/ml
8) T Fluorene (C16.55)	9.447	2477313	18.425 ug/ml
9) T Phenanthrene (C19.36)	10.845	2436984	18.235 ug/ml
10) T Anthracene (C19.43)	10.919	2133193	16.076 ug/ml
12) T Fluoranthene (C21.85)	12.656	2362364	17.781 ug/ml
13) T Pyrene (C20.8)	12.954	2283097	17.612 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2130487	17.114 ug/ml
15) T Chrysene (C27.41)	14.865	2160538	17.398 ug/ml
16) T benzo[b]fluoranthene ...	16.372	2156144	18.123 ug/ml
17) T Bnezo[k]fluoranthene ...	16.405	2077041	17.925 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2104841	18.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	2064242	18.540 ug/ml
20) T Dibenz[a,h]anthracene...	18.152	2045268	18.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2116372	19.165 ug/ml

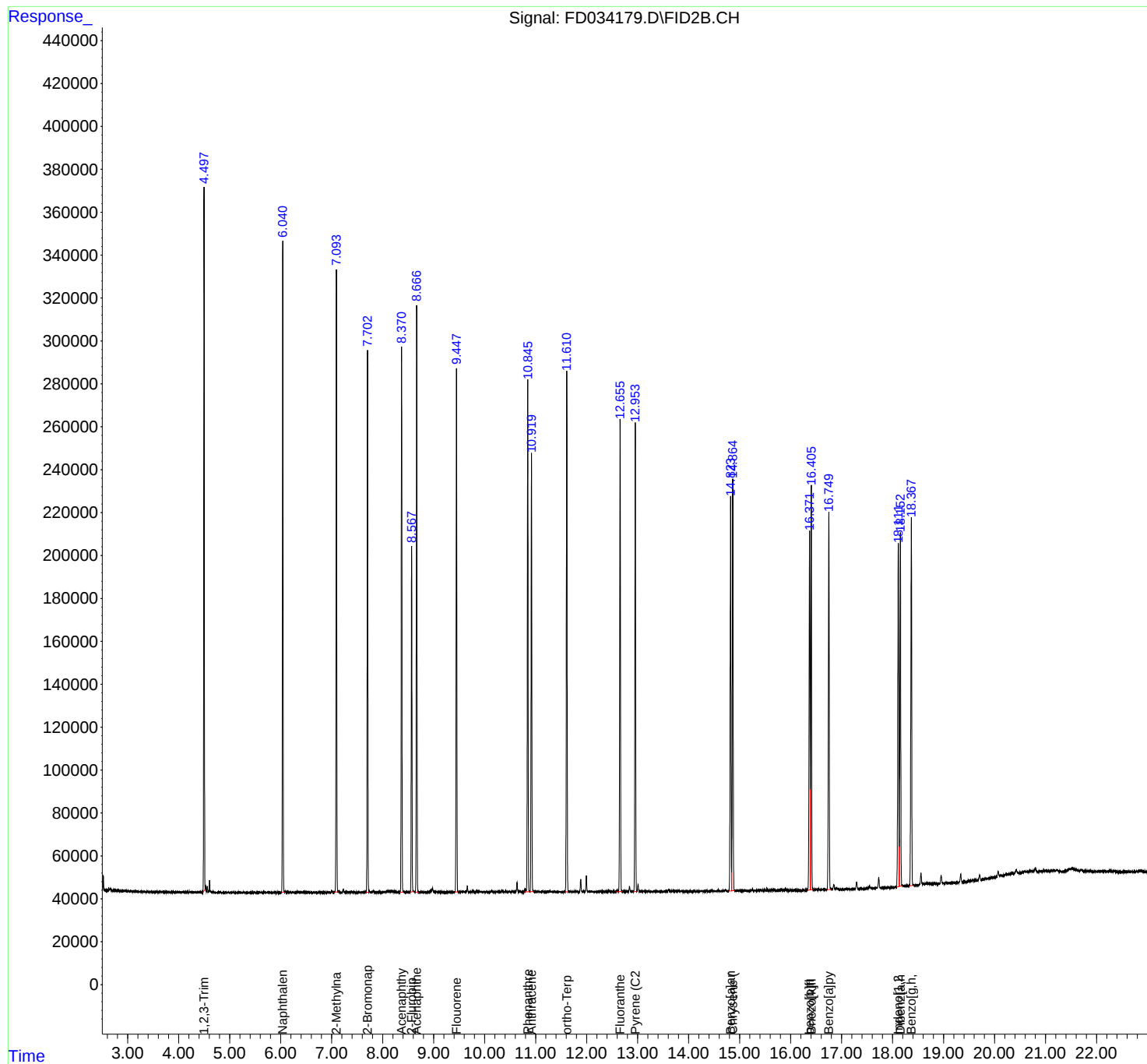
(f)=RT Delta > 1/2 Window

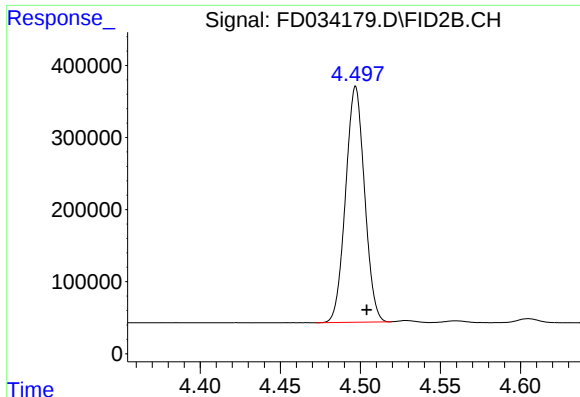
(m)=manual int.

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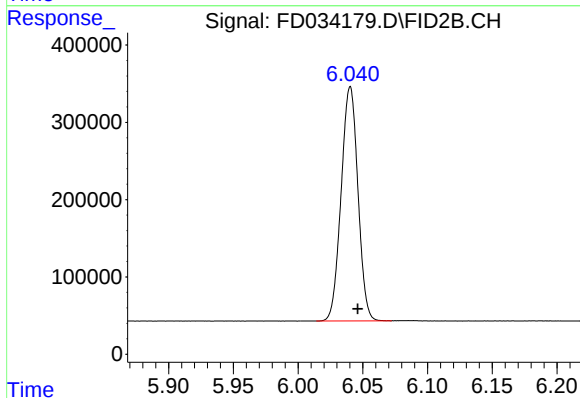
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Signal Info : 20M x 0.18mm x 0.18µm





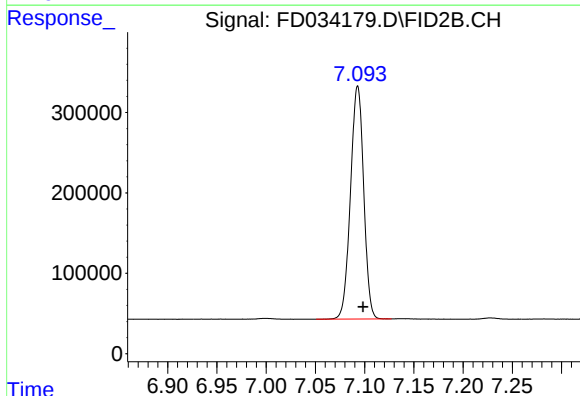
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.007 min
Response: 2693220
Conc: 20.39 ug/ml



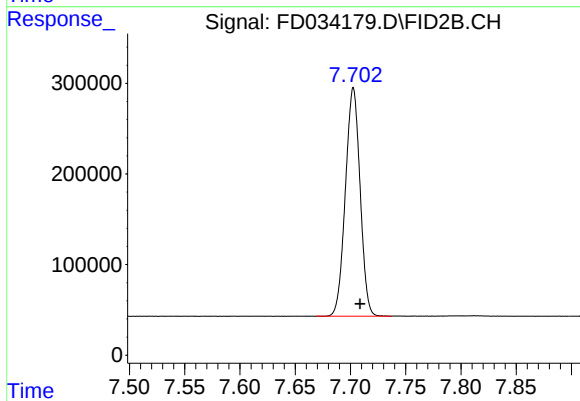
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.006 min
Response: 2736608
Conc: 19.76 ug/ml



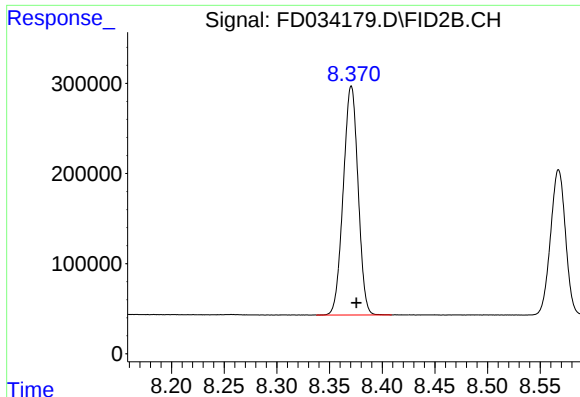
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 2705759
Conc: 19.43 ug/ml



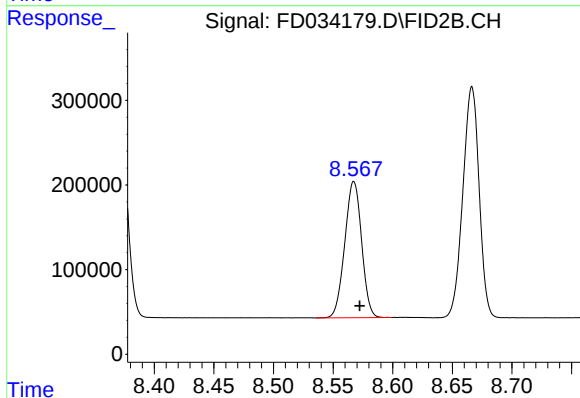
#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: -0.006 min
Response: 2334174
Conc: 19.43 ug/ml



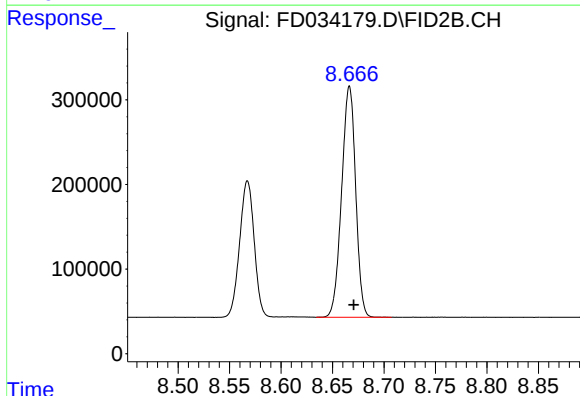
#5 Acenaphthylene (C15.06)

R.T.: 8.371 min
Delta R.T.: -0.005 min
Response: 2487139
Conc: 18.50 ug/ml



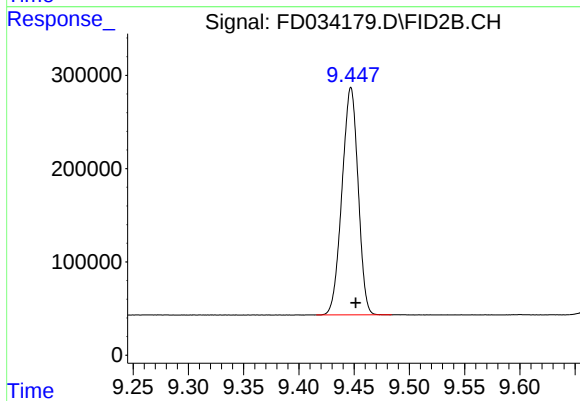
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min
Delta R.T.: -0.005 min
Response: 1582185
Conc: 18.67 ug/ml



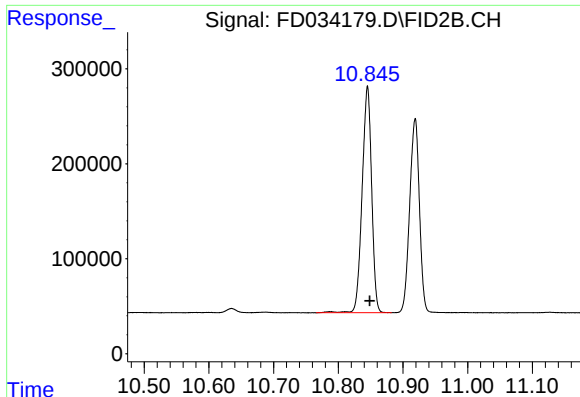
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: -0.004 min
Response: 2592339
Conc: 18.94 ug/ml



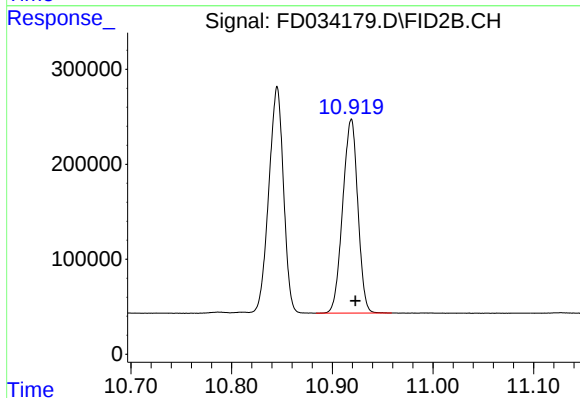
#8 Fluorene (C16.55)

R.T.: 9.447 min
Delta R.T.: -0.004 min
Response: 2477313
Conc: 18.42 ug/ml



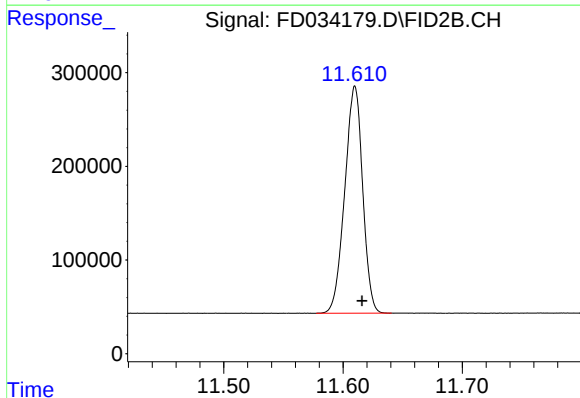
#9 Phenanthrene (C19.36)

R.T.: 10.845 min
Delta R.T.: -0.004 min
Response: 2436984
Conc: 18.24 ug/ml



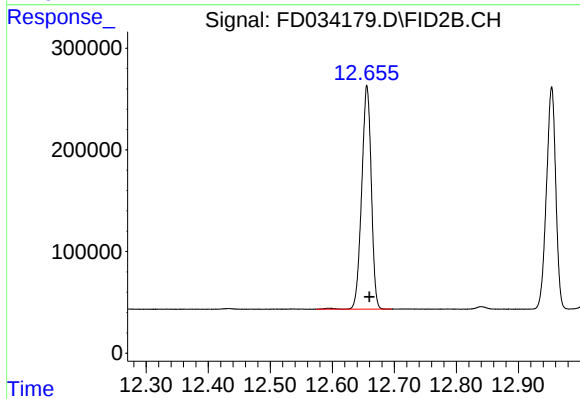
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: -0.004 min
Response: 2133193
Conc: 16.08 ug/ml



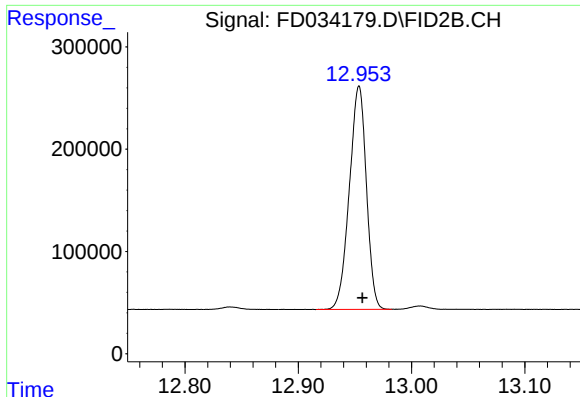
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.006 min
Response: 2532765
Conc: 18.72 ug/ml



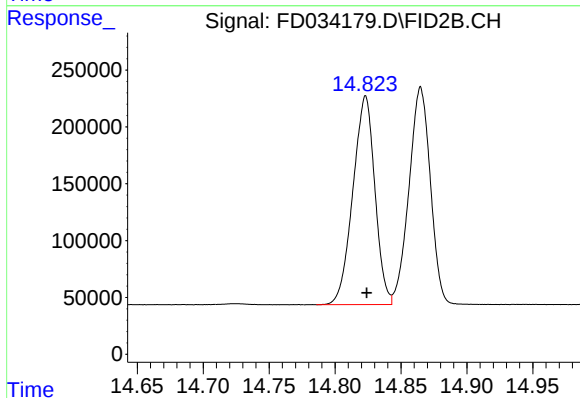
#12 Fluoranthene (C21.85)

R.T.: 12.656 min
Delta R.T.: -0.004 min
Response: 2362364
Conc: 17.78 ug/ml



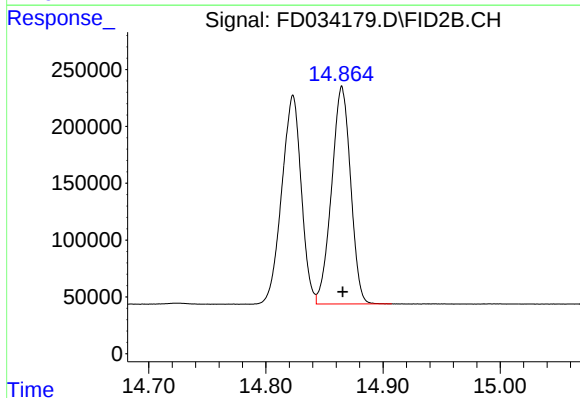
#13 Pyrene (C20.8)

R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 2283097
Conc: 17.61 ug/ml



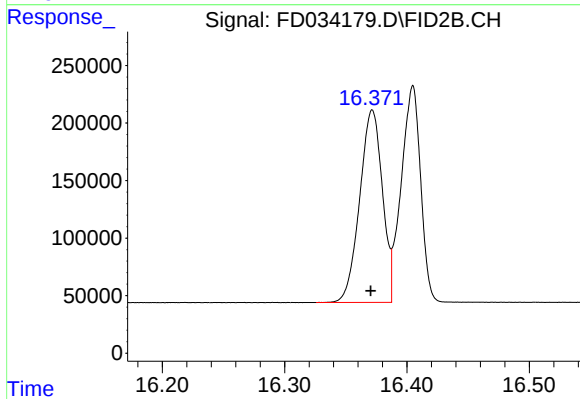
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: 0.000 min
Response: 2130487
Conc: 17.11 ug/ml



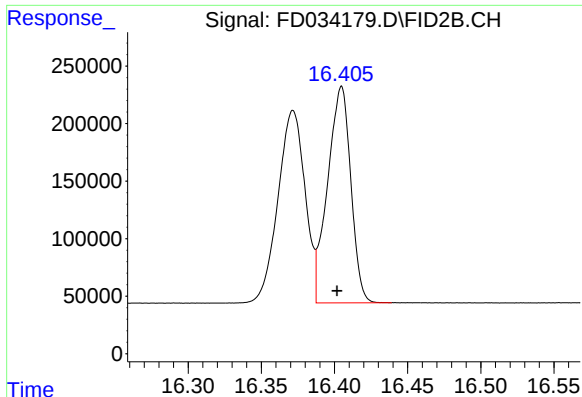
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: 0.000 min
Response: 2160538
Conc: 17.40 ug/ml



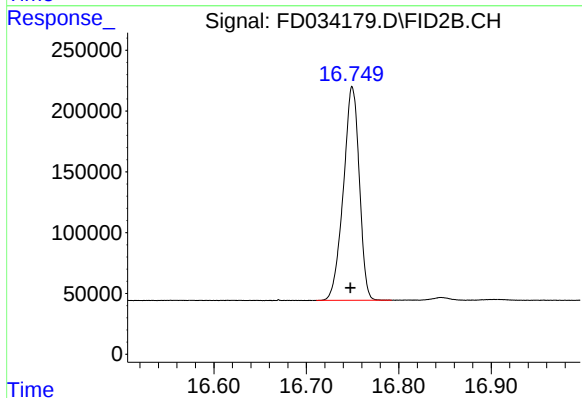
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.372 min
Delta R.T.: 0.001 min
Response: 2156144
Conc: 18.12 ug/ml



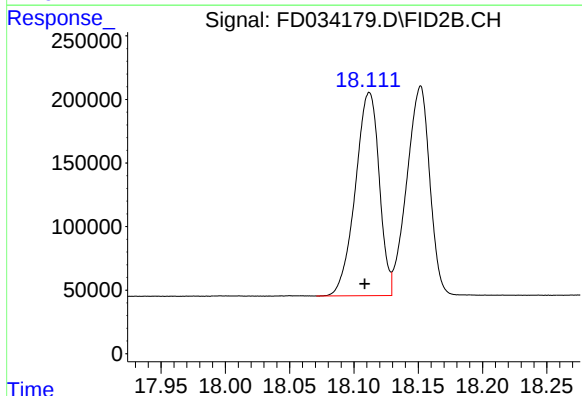
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.405 min
Delta R.T.: 0.003 min
Response: 2077041
Conc: 17.93 ug/ml



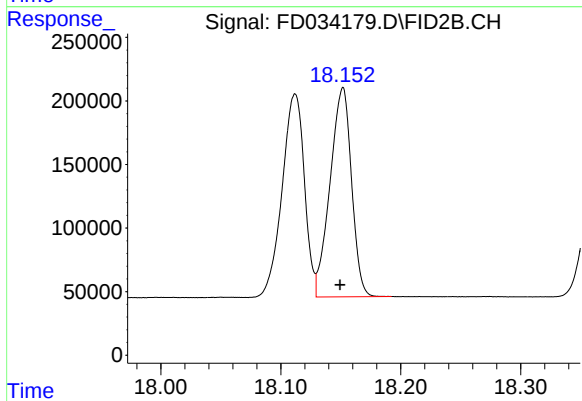
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: 0.002 min
Response: 2104841
Conc: 18.09 ug/ml



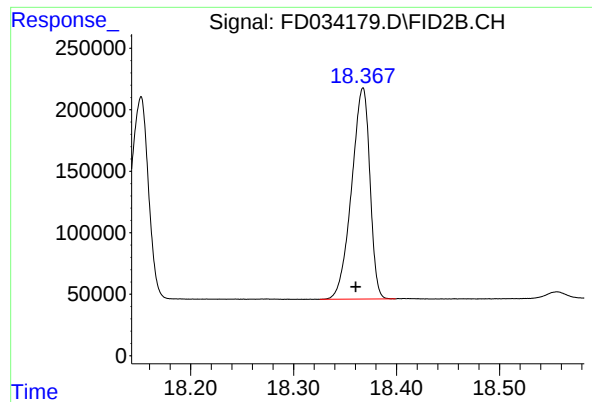
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: 0.004 min
Response: 2064242
Conc: 18.54 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.002 min
Response: 2045268
Conc: 18.51 ug/ml



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

R.T.: 18.367 min
Delta R.T.: 0.007 min
Response: 2116372
Conc: 19.16 ug/ml