

Data Path : P:\HPCHEM1\FID D\Data\FD011818AR\
 Data File : FD019147.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2018 17:25
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 22:14:55 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 2018
 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...	7.373	1787469	22.091 ug/ml
Spiked Amount 50.000		Recovery =	44.18%
6) S 2-Fluorobiphenyl (SURR)	8.232	1195767	21.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.72%
11) S ortho-Terphenyl (SURR)	11.261	2096247	21.189 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	1988052	22.457 ug/ml
2) T Naphthalene (C11.7)	5.711	1992683	22.311 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	2018517	21.987 ug/ml
5) T Acenaphthylene (C15.06)	8.030	2039876	21.513 ug/ml
7) T Acenaphthene (C15.5)	8.324	2097624	21.503 ug/ml
8) T Fluorene (C16.55)	9.105	2048385	21.555 ug/ml
9) T Phenanthrene (C19.36)	10.498	2140604	21.532 ug/ml
10) T Anthracene (C19.43)	10.573	2120704	21.808 ug/ml
12) T Fluoranthene (C21.85)	12.307	2263216	21.349 ug/ml
13) T Pyrene (C20.8)	12.601	2247042	21.213 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.478	2236708	21.371 ug/ml
15) T Chrysene (C27.41)	14.519	2291828	21.206 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.033	2294823	21.330 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.063	2393976	21.135 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.412	2314569	21.234 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.787	2010751	20.325 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.819	2443946	21.323 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.037	2171895	20.812 ug/ml

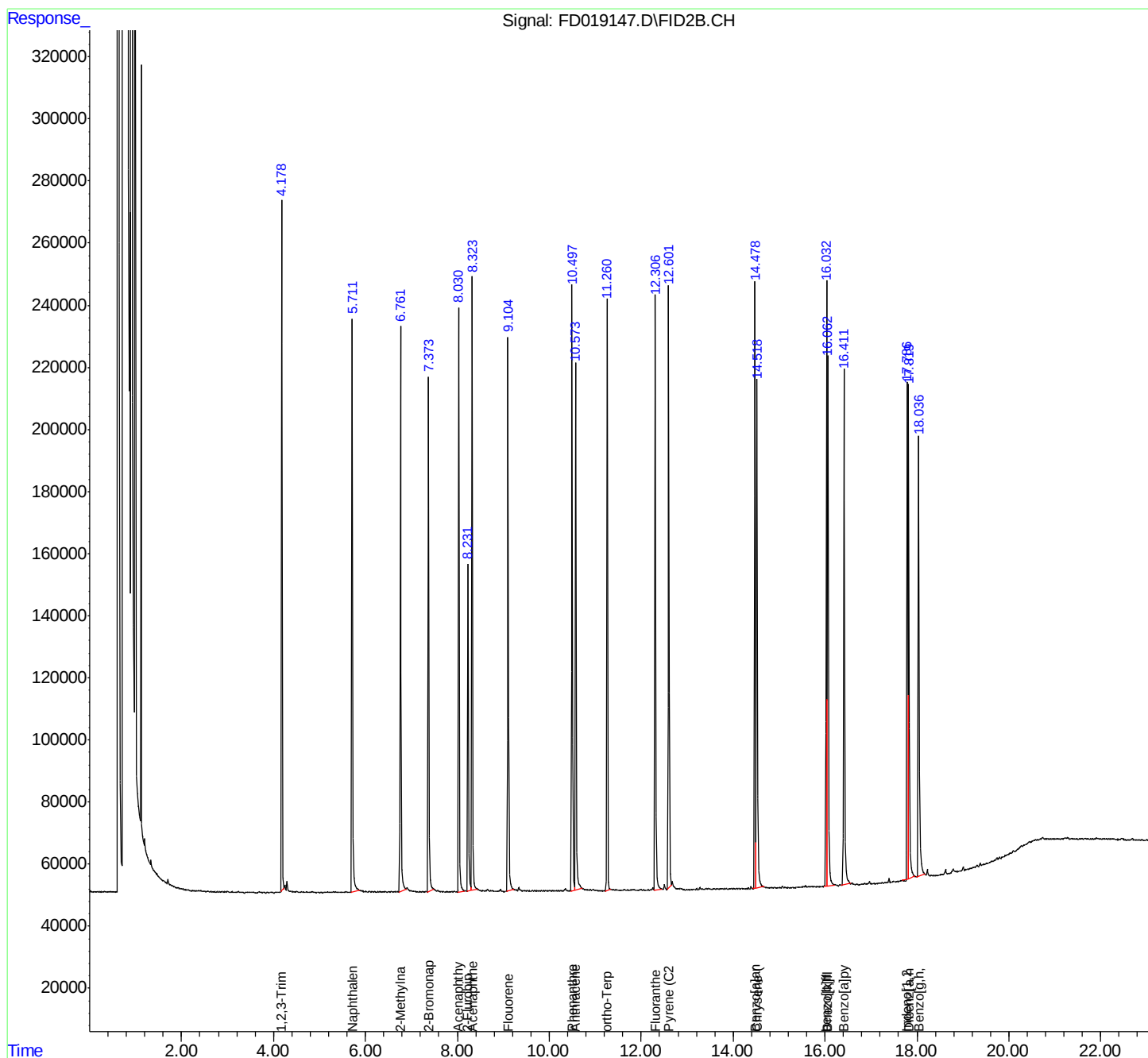
(f)=RT Delta > 1/2 Window

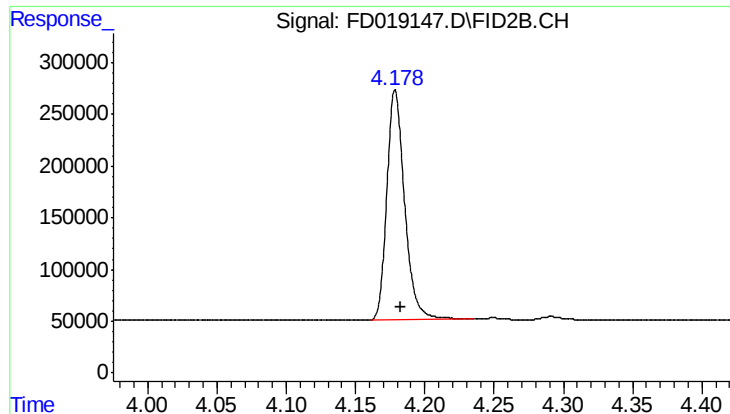
(m)=manual int.

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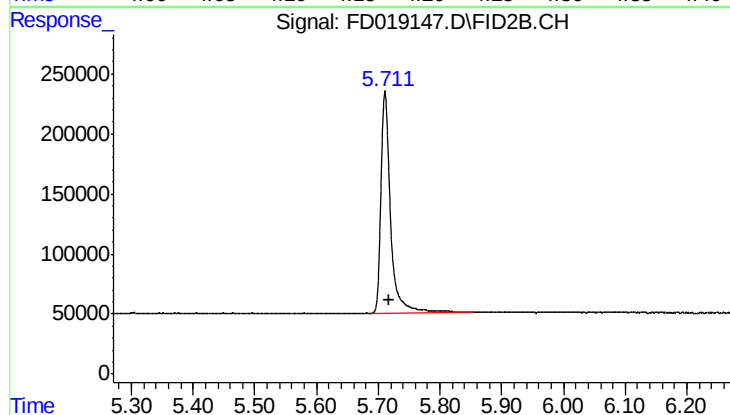
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





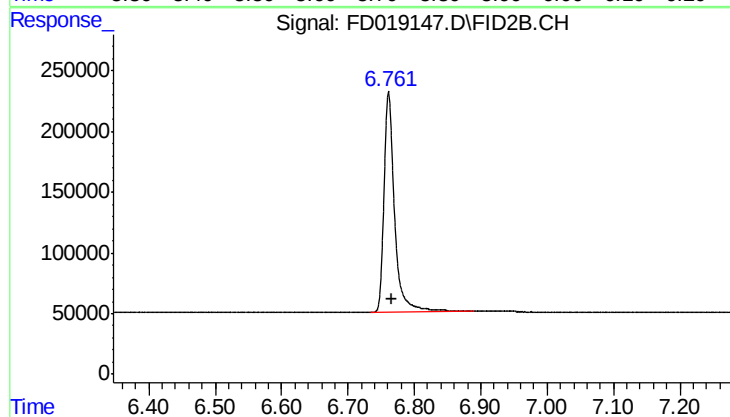
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.179 min
Delta R.T.: -0.004 min
Response: 1988052
Conc: 22.46 ug/ml



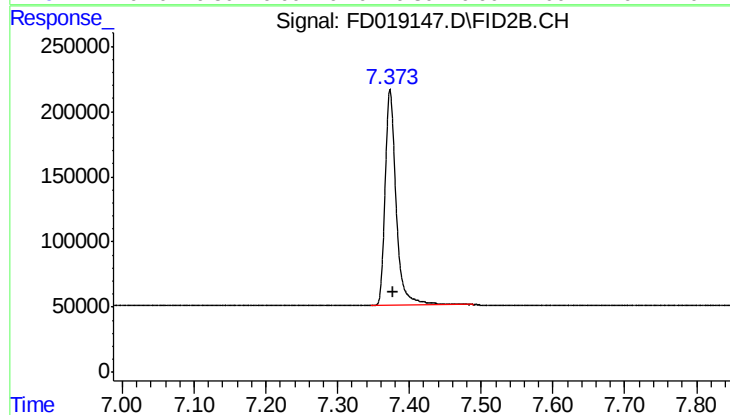
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.006 min
Response: 1992683
Conc: 22.31 ug/ml



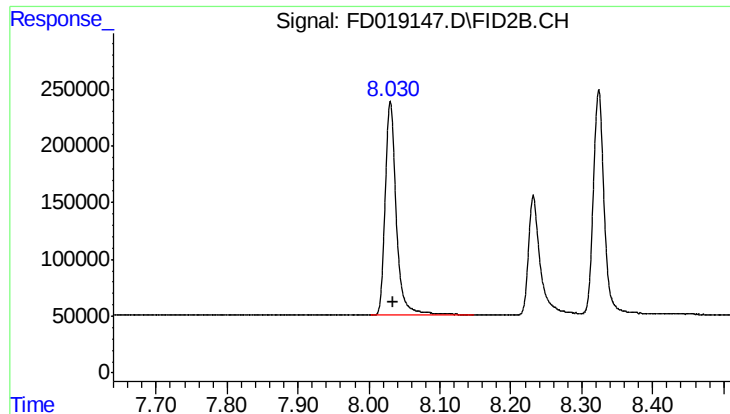
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 2018517
Conc: 21.99 ug/ml



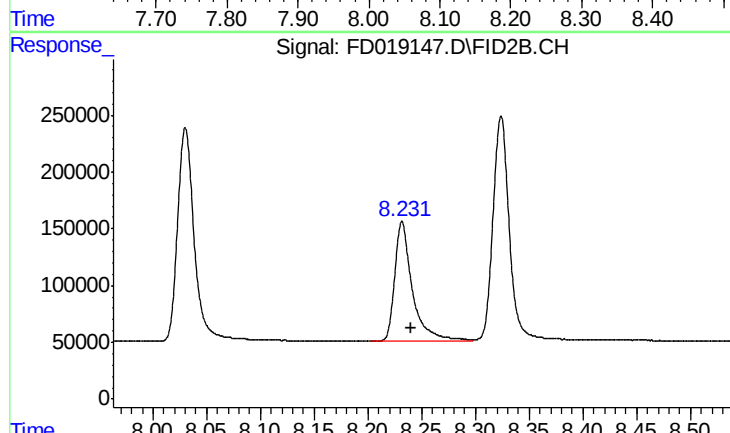
#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.005 min
Response: 1787469
Conc: 22.09 ug/ml



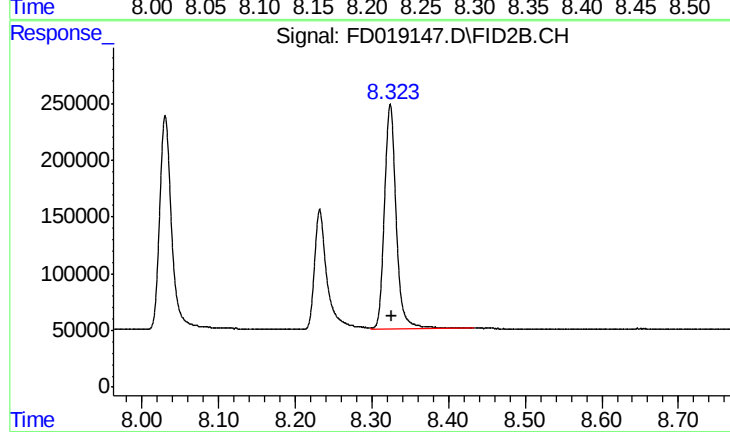
#5 Acenaphthylene (C15.06)

R.T.: 8.030 min
Delta R.T.: -0.004 min
Response: 2039876
Conc: 21.51 ug/ml



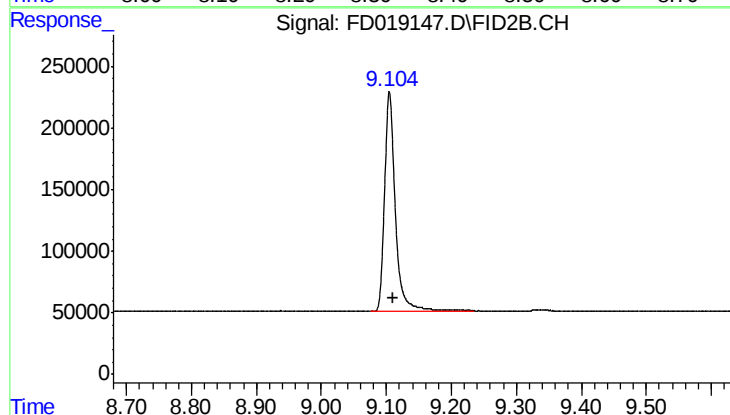
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min
Delta R.T.: -0.008 min
Response: 1195767
Conc: 21.86 ug/ml



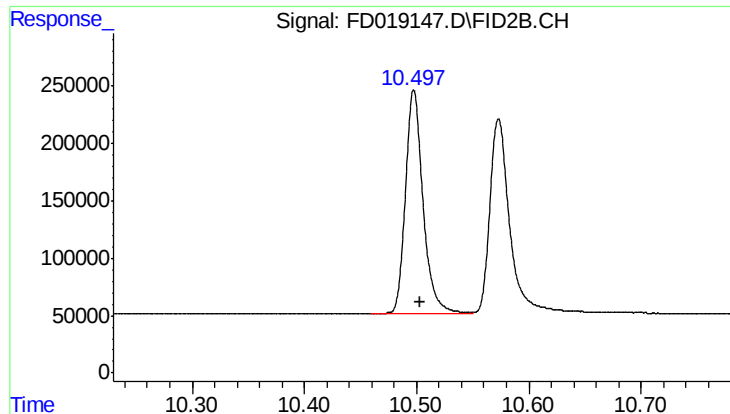
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.002 min
Response: 2097624
Conc: 21.50 ug/ml



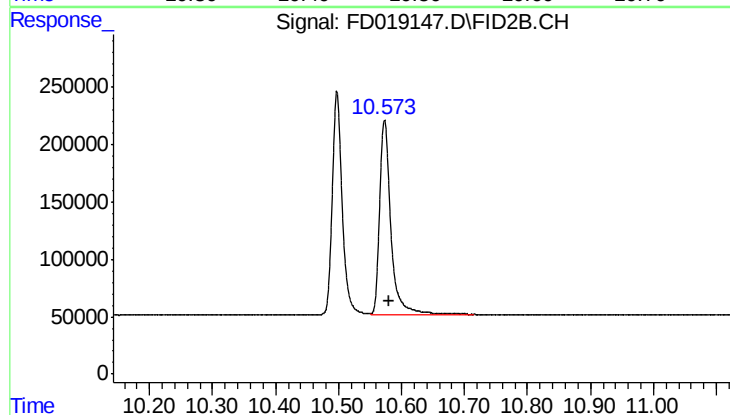
#8 Fluorene (C16.55)

R.T.: 9.105 min
Delta R.T.: -0.005 min
Response: 2048385
Conc: 21.56 ug/ml



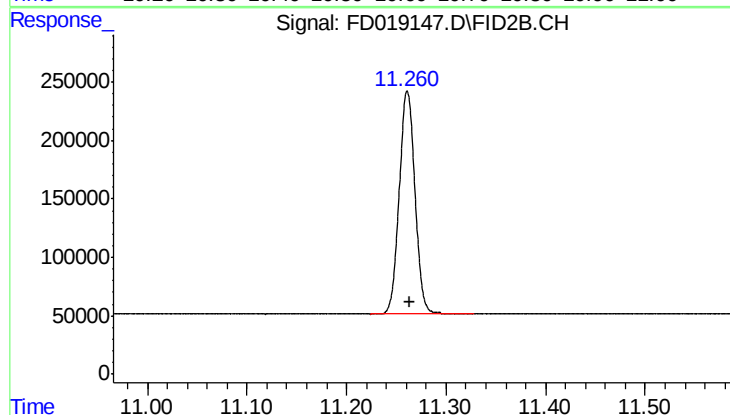
#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: -0.005 min
Response: 2140604
Conc: 21.53 ug/ml



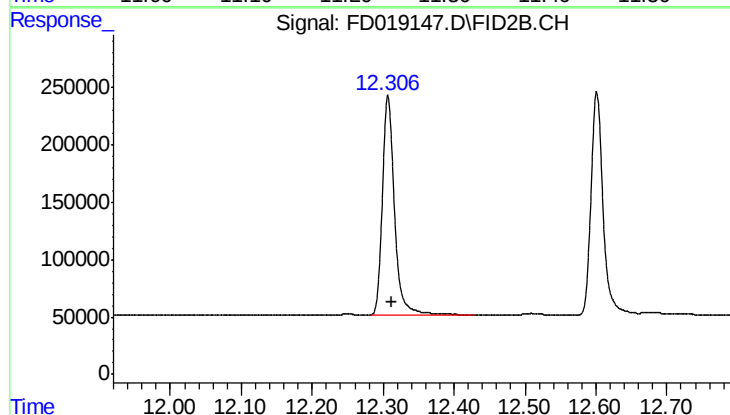
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: -0.007 min
Response: 2120704
Conc: 21.81 ug/ml



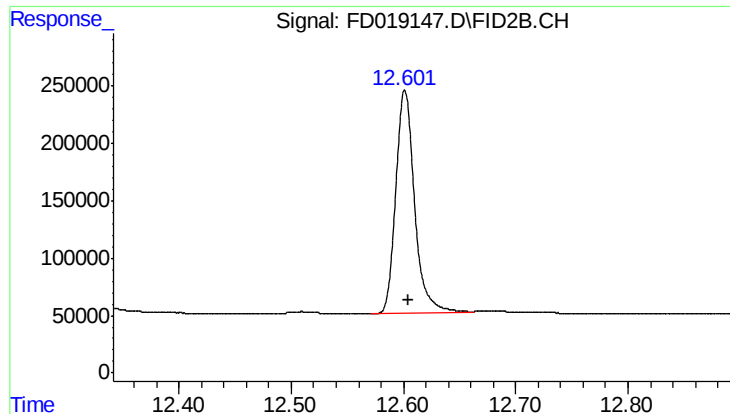
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: -0.002 min
Response: 2096247
Conc: 21.19 ug/ml



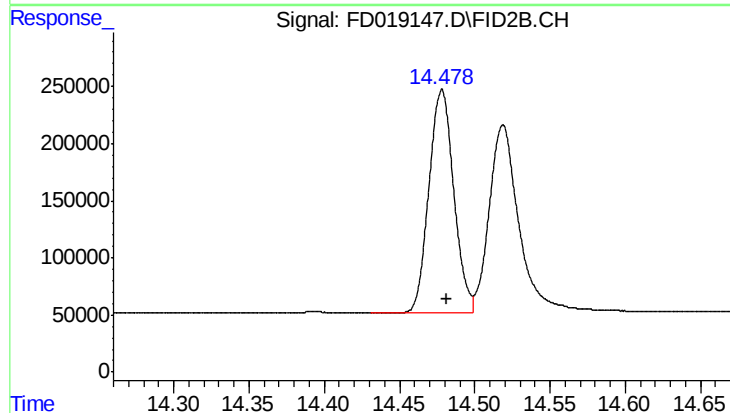
#12 Fluoranthene (C21.85)

R.T.: 12.307 min
Delta R.T.: -0.006 min
Response: 2263216
Conc: 21.35 ug/ml



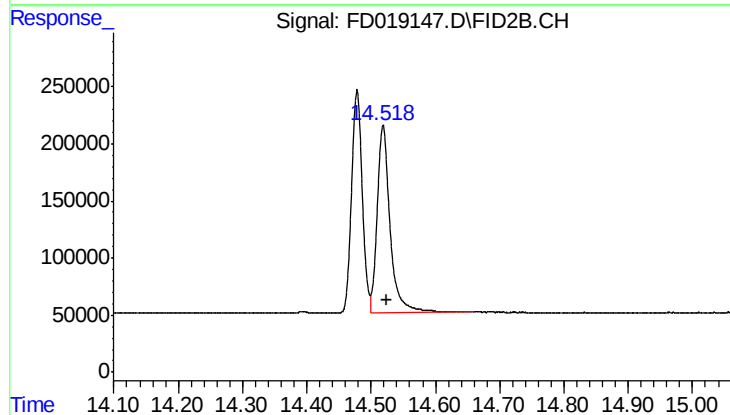
#13 Pyrene (C20.8)

R.T.: 12.601 min
Delta R.T.: -0.003 min
Response: 2247042
Conc: 21.21 ug/ml



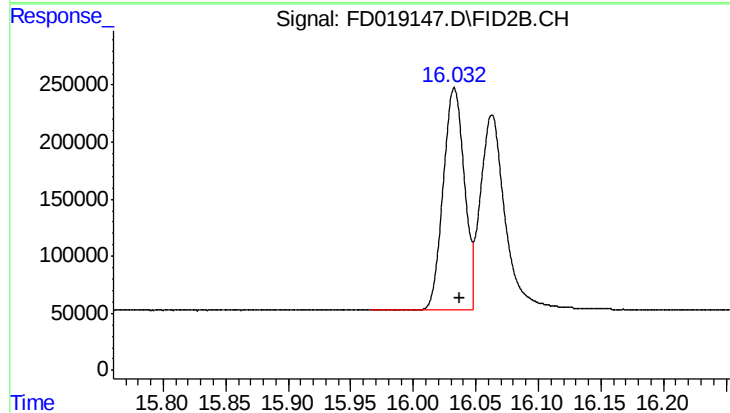
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.478 min
Delta R.T.: -0.003 min
Response: 2236708
Conc: 21.37 ug/ml



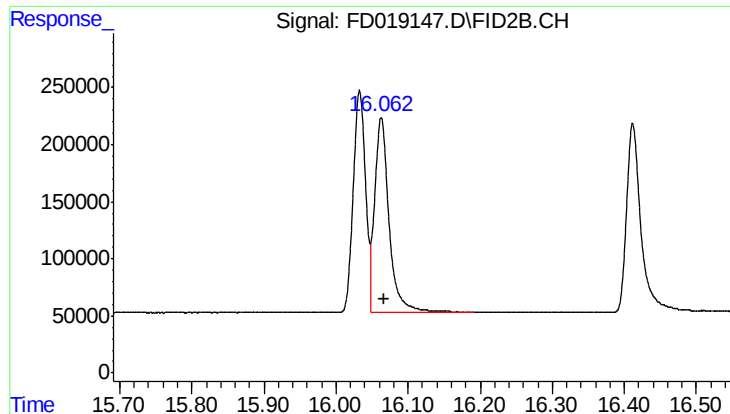
#15 Chrysene (C27.41)

R.T.: 14.519 min
Delta R.T.: -0.005 min
Response: 2291828
Conc: 21.21 ug/ml



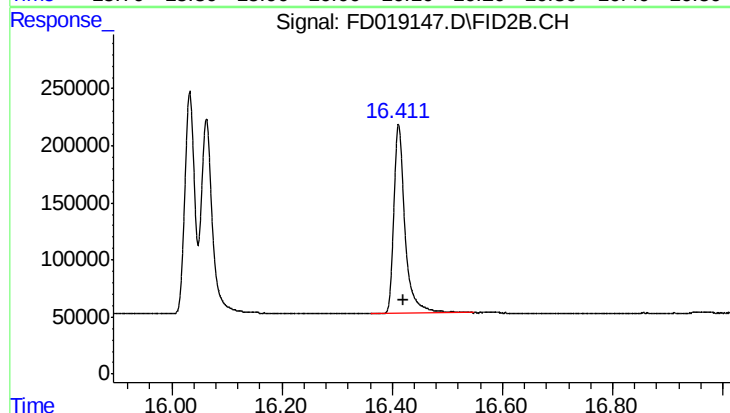
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.033 min
Delta R.T.: -0.004 min
Response: 2294823
Conc: 21.33 ug/ml



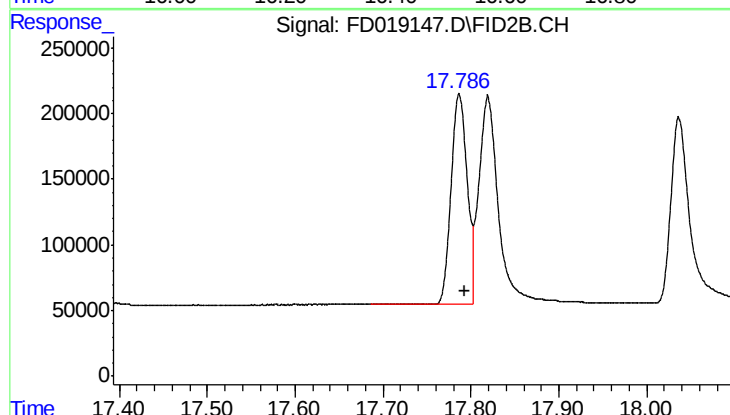
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.063 min
Delta R.T.: -0.005 min
Response: 2393976
Conc: 21.14 ug/ml



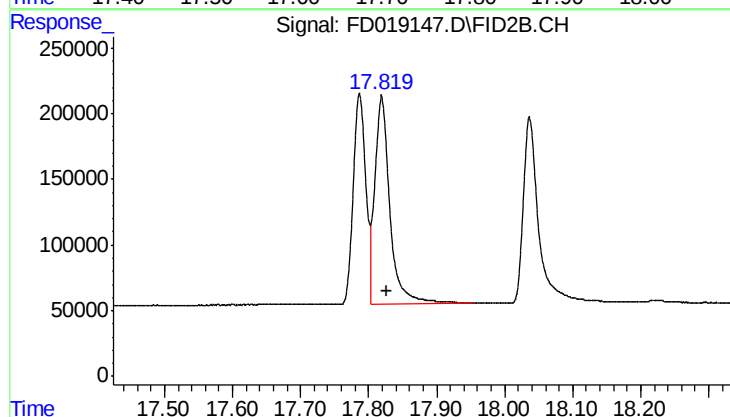
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.412 min
Delta R.T.: -0.009 min
Response: 2314569
Conc: 21.23 ug/ml



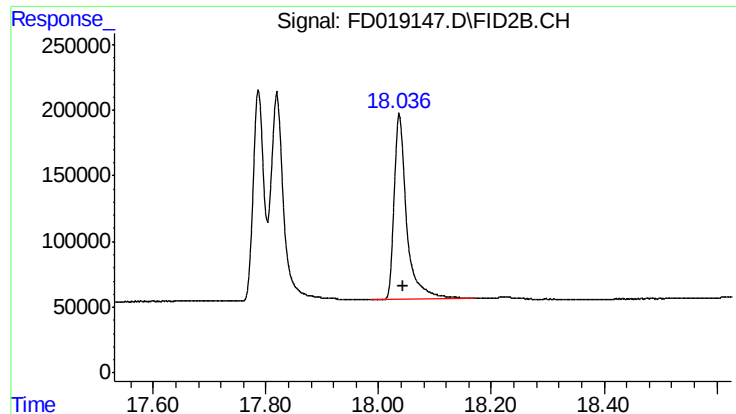
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.007 min
Response: 2010751
Conc: 20.33 ug/ml



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

R.T.: 17.819 min
Delta R.T.: -0.006 min
Response: 2443946
Conc: 21.32 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.007 min
Response: 2171895
Conc: 20.81 ug/ml