

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072018AR\
 Data File : FE028328.D
 Signal(s) : FID1B.CH
 Acq On : 20 Jul 2018 14:38
 Operator : AJ\SJ
 Sample : 10 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 17:23:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 20 17:21:59 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...	7.979	387404	9.637 ug/ml
Spiked Amount 50.000		Recovery =	19.27%
6) S 2-Fluorobiphenyl (SURR)	8.862	291116	9.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.75%
11) S ortho-Terphenyl (SURR)	11.922	525523	10.360 ug/ml
Spiked Amount 50.000		Recovery =	20.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.739	387909	9.902 ug/ml
2) T Naphthalene (C11.7)	6.305	413246	9.645 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	431866	9.730 ug/ml
5) T Acenaphthylene (C15.06)	8.661	449648	9.774 ug/ml
7) T Acenaphthene (C15.5)	8.958	482282	9.886 ug/ml
8) T Flouorene (C16.55)	9.747	490308	9.993 ug/ml
9) T Phenanthrene (C19.36)	11.162	524975	10.027 ug/ml
10) T Anthracene (C19.43)	11.238	518841	10.088 ug/ml
12) T Fluoranthene (C21.85)	12.995	545976	10.200 ug/ml
13) T Pyrene (C20.8)	13.298	522400	10.017 ug/ml
14) T Benzo[a]anthracene (C...	15.186	473152	9.602 ug/ml
15) T Chrysene (C27.41)	15.229	499580	9.781 ug/ml
16) T benzo[b]fluoranthene ...	16.756	489186	9.642 ug/ml
17) T Bnezo[k]fluoranthene ...	16.787	516479	9.905 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	509713	9.849 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.523	506494	9.616 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	526316	9.811 ug/ml
21) T Benzo[g,h,i]perylene ...	18.781	511089	9.503 ug/ml

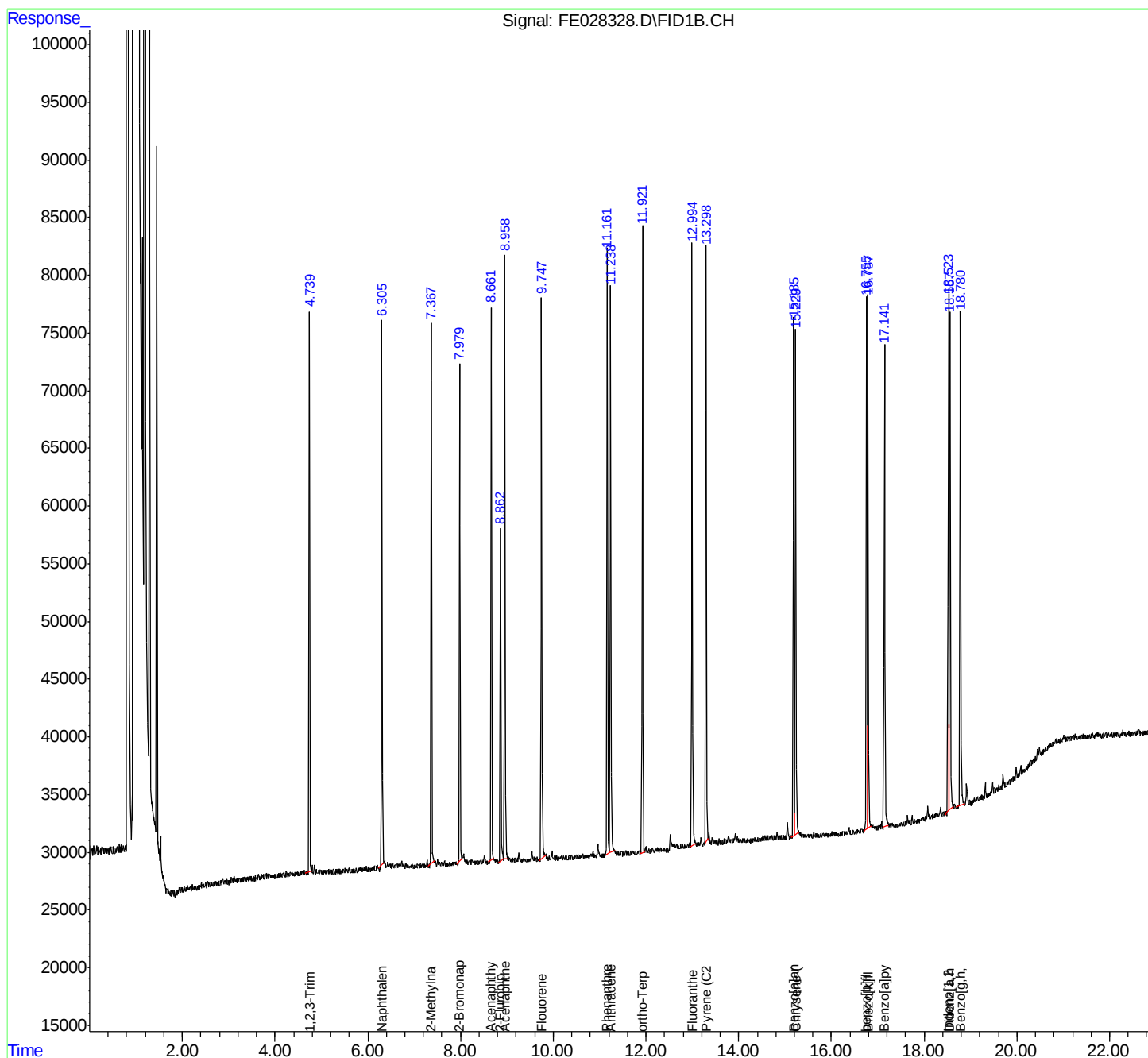
(f)=RT Delta > 1/2 Window

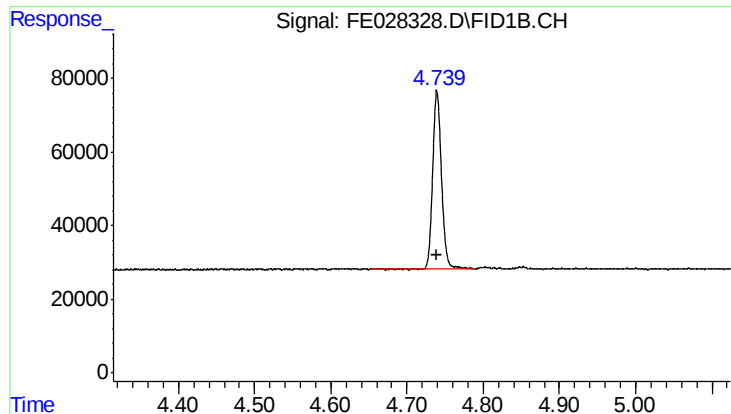
(m)=manual int.

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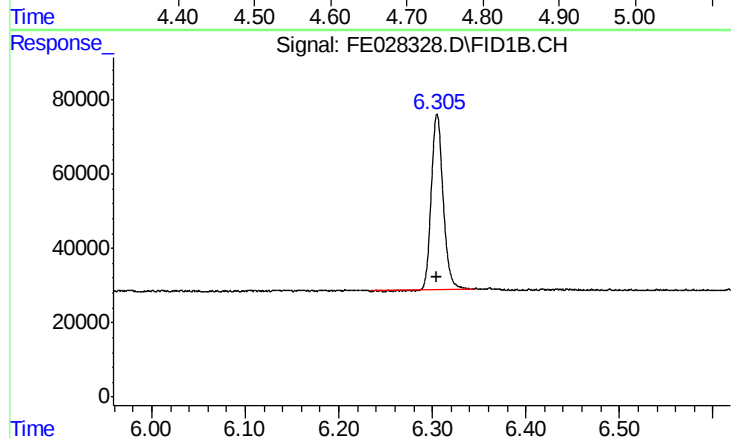
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Signal Info : 20M x 0.18mm x 0.18µm





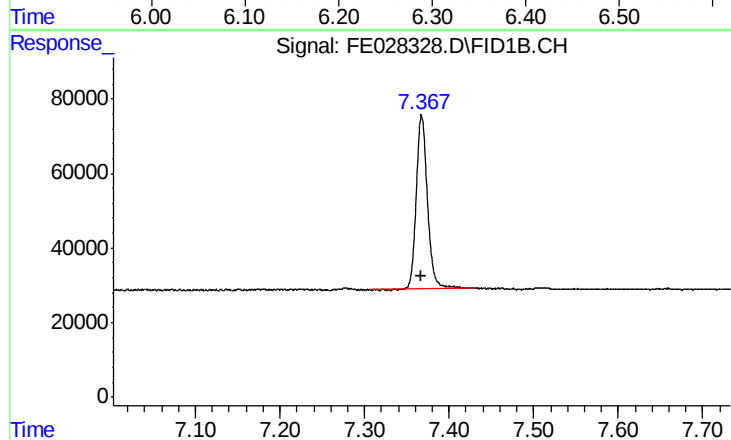
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 387909
Conc: 9.90 ug/ml



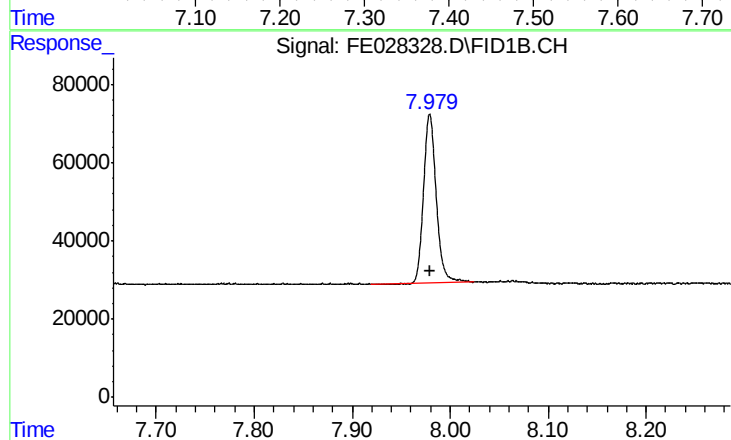
#2 Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 413246
Conc: 9.64 ug/ml



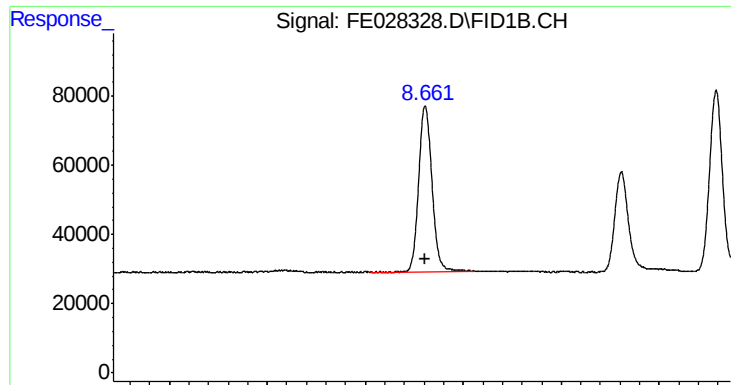
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 431866
Conc: 9.73 ug/ml



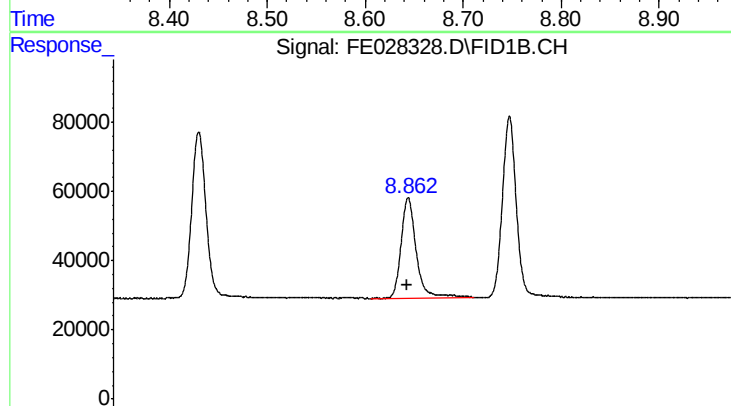
#4 2-Bromonaphthalene (SURR)

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 387404
Conc: 9.64 ug/ml



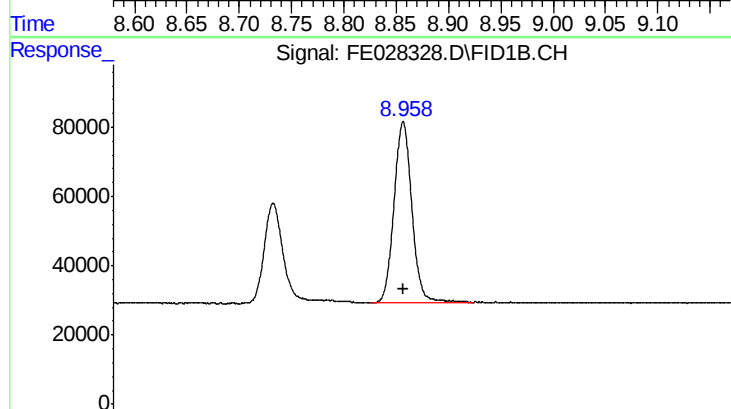
#5 Acenaphthylene (C15.06)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 449648
Conc: 9.77 ug/ml



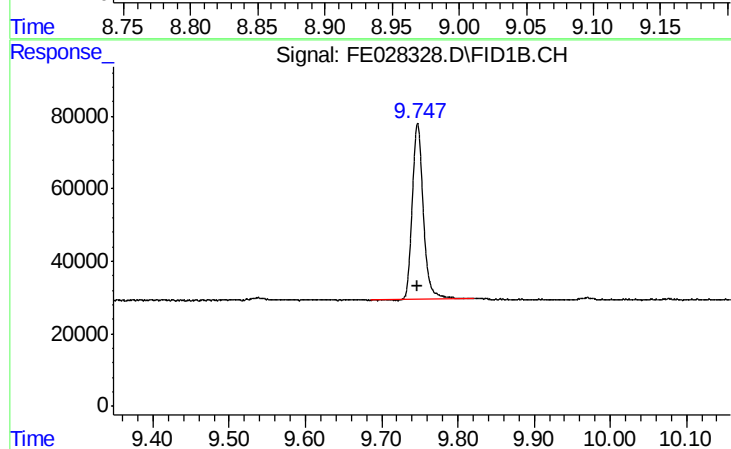
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 291116
Conc: 9.88 ug/ml



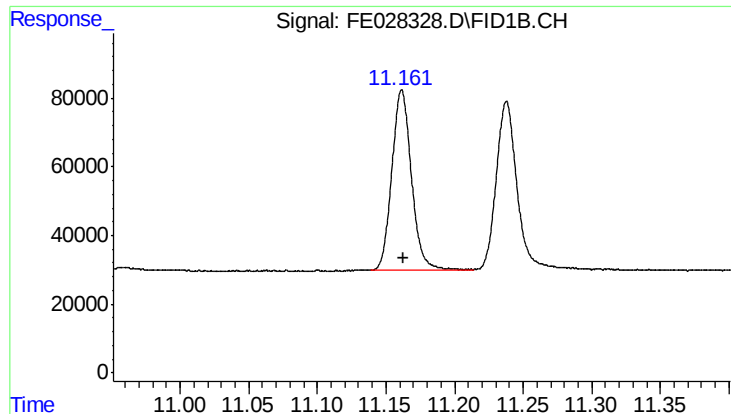
#7 Acenaphthene (C15.5)

R.T.: 8.958 min
Delta R.T.: 0.000 min
Response: 482282
Conc: 9.89 ug/ml



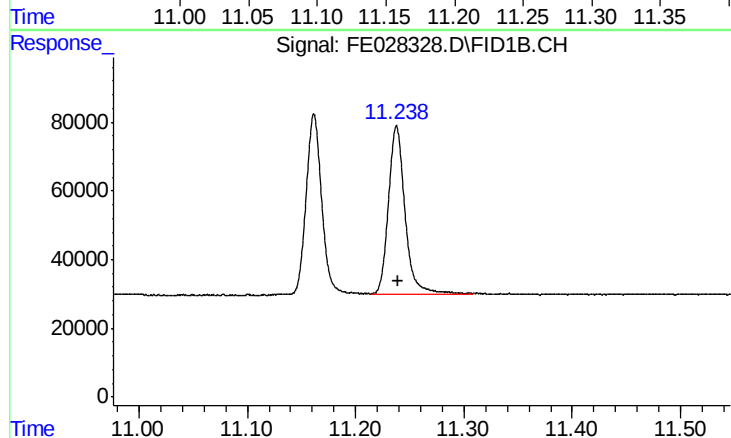
#8 Fluorene (C16.55)

R.T.: 9.747 min
Delta R.T.: 0.000 min
Response: 490308
Conc: 9.99 ug/ml



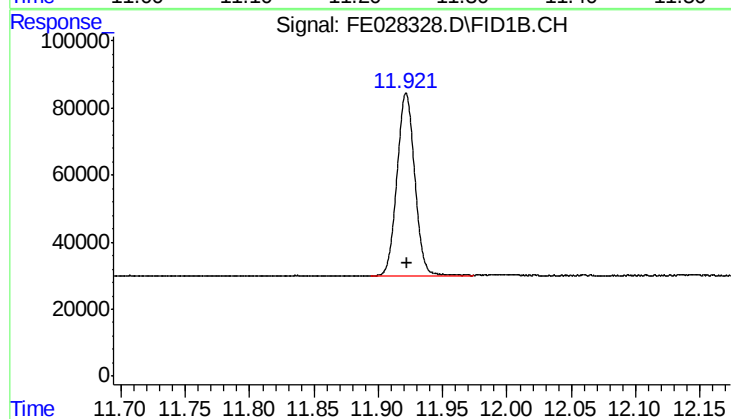
#9 Phenanthrene (C19.36)

R.T.: 11.162 min
Delta R.T.: -0.001 min
Response: 524975
Conc: 10.03 ug/ml



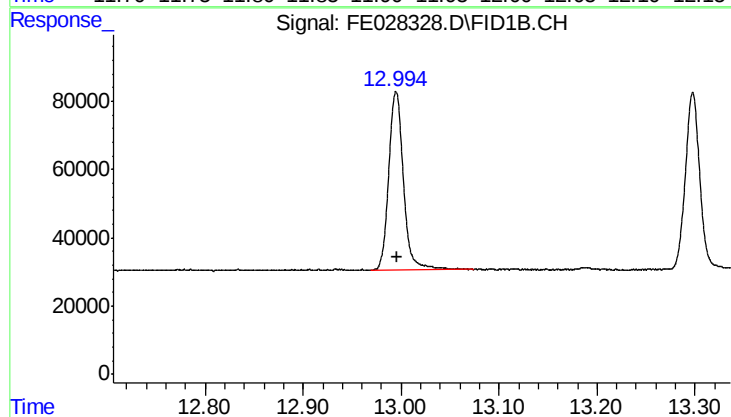
#10 Anthracene (C19.43)

R.T.: 11.238 min
Delta R.T.: 0.000 min
Response: 518841
Conc: 10.09 ug/ml



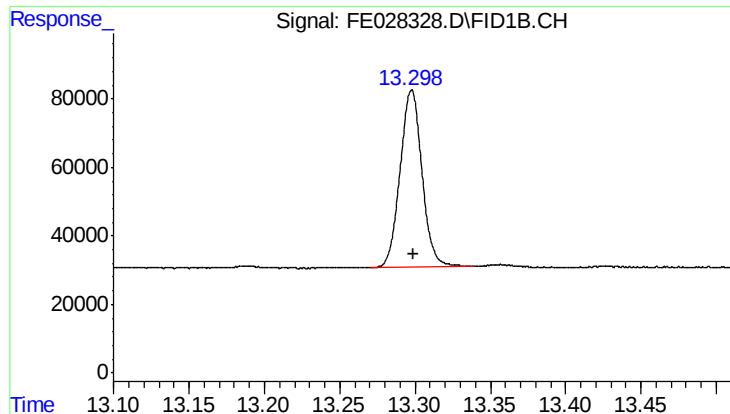
#11 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.001 min
Response: 525523
Conc: 10.36 ug/ml



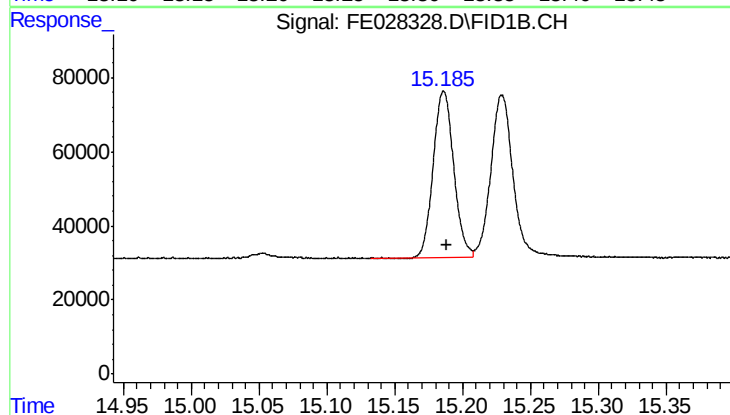
#12 Fluoranthene (C21.85)

R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 545976
Conc: 10.20 ug/ml



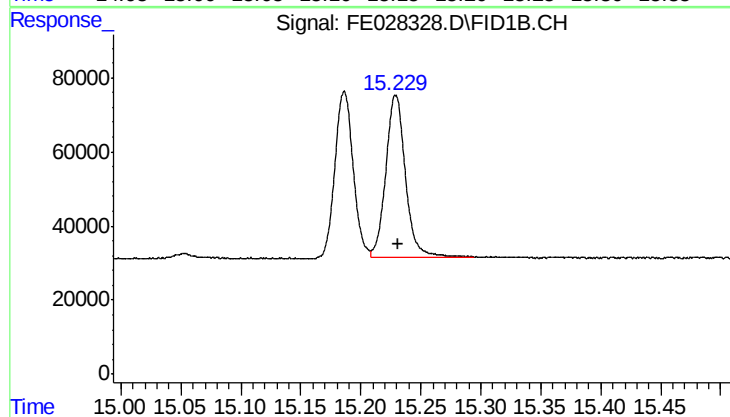
#13 Pyrene (C20.8)

R.T.: 13.298 min
Delta R.T.: -0.001 min
Response: 522400
Conc: 10.02 ug/ml



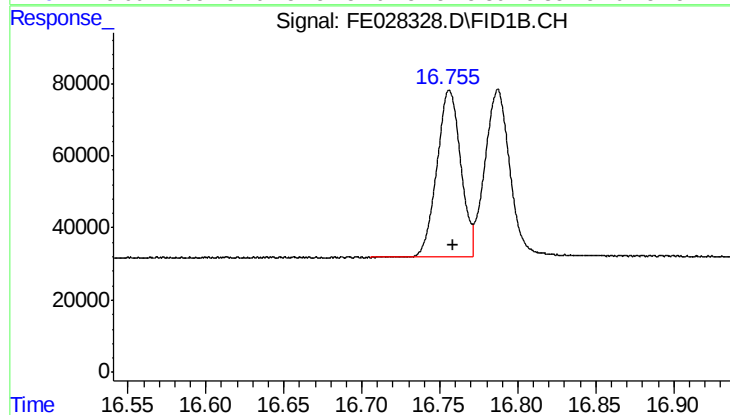
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.186 min
Delta R.T.: -0.002 min
Response: 473152
Conc: 9.60 ug/ml



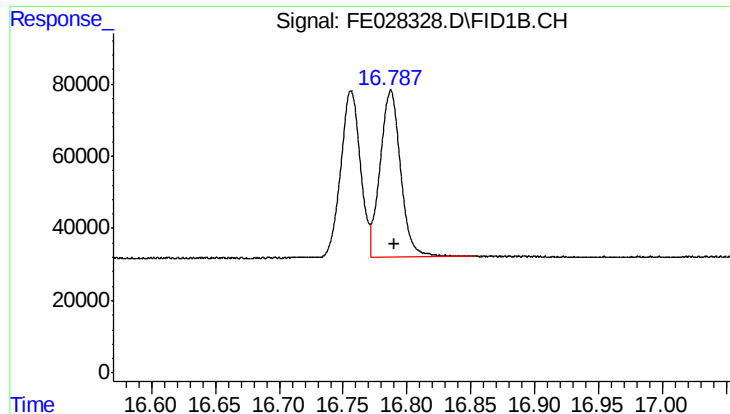
#15 Chrysene (C27.41)

R.T.: 15.229 min
Delta R.T.: -0.002 min
Response: 499580
Conc: 9.78 ug/ml



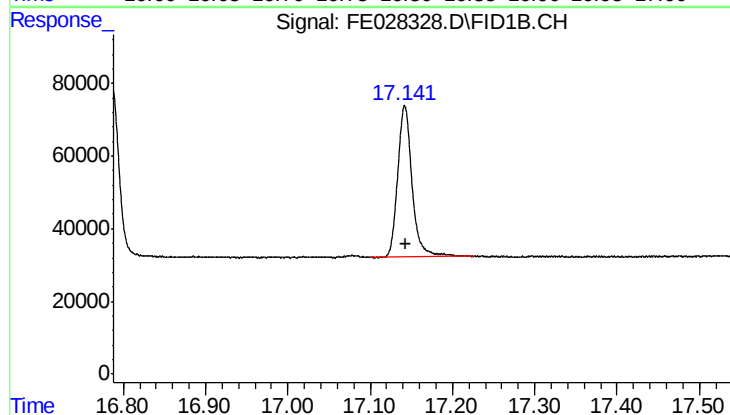
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.756 min
Delta R.T.: -0.002 min
Response: 489186
Conc: 9.64 ug/ml



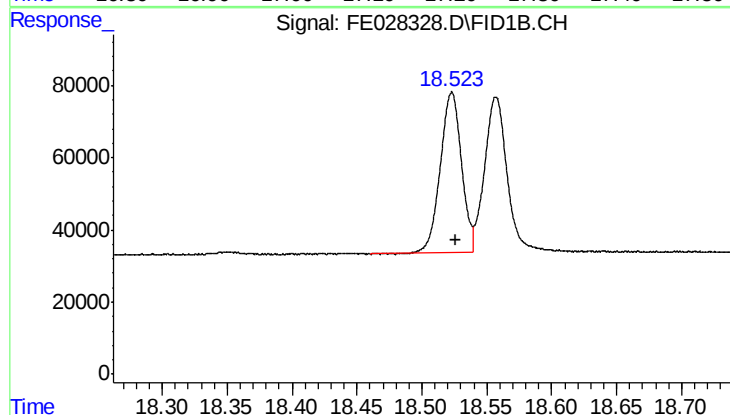
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.787 min
Delta R.T.: -0.002 min
Response: 516479
Conc: 9.91 ug/ml



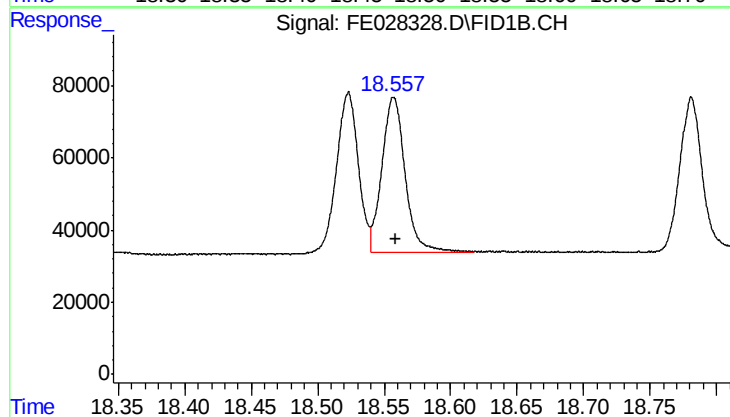
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: -0.002 min
Response: 509713
Conc: 9.85 ug/ml



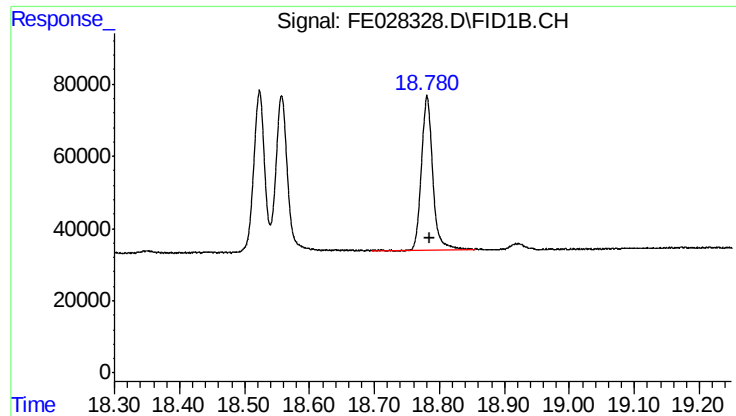
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.523 min
Delta R.T.: -0.003 min
Response: 506494
Conc: 9.62 ug/ml



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

R.T.: 18.557 min
Delta R.T.: -0.002 min
Response: 526316
Conc: 9.81 ug/ml



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

R.T.: 18.781 min
Delta R.T.: -0.004 min
Response: 511089
Conc: 9.50 ug/ml