Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071318AR\
Data File : FD025037.D
Signal(s) : FID2B.CH
Acq On : 14 Jul 2018 5:47
Operator : AJ\SJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 14 06:23:30 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
Quant Title : GC Extractables
QLast Update : Fri Jun 22 09:02:19 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...	7.473	1858434	20.316 ug/ml
Spiked Amount	50.000		Recovery =	40.63%
6) S	2-Flurobiphenyl (SURR)	8.328	1200877	18.934 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	37.87%
11) S	ortho-Terphenyl (SURR)	11.377	1910296	19.035 ug/ml
Spiked Amount	50.000		Recovery =	38.07%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.267	2267854	24.402 ug/ml
2) T	Naphthalene (C11.7)	5.806	2251170	22.185 ug/ml
3) T	2-Methylnaphthalene (...	6.859	2116061	20.812 ug/ml
5) T	Acenaphthylene (C15.06)	8.132	1906871	19.098 ug/ml
7) T	Acenaphthene (C15.5)	8.427	1984156	18.994 ug/ml
8) T	Flouorene (C16.55)	9.209	1937059	18.539 ug/ml
9) T	Phenanthrene (C19.36)	10.602	1950582	18.971 ug/ml
10) T	Anthracene (C19.43)	10.676	1936034	18.990 ug/ml
12) T	Fluoranthene (C21.85)	12.412	2120688	21.268 ug/ml
13) T	Pyrene (C20.8)	12.708	2138972	21.510 ug/ml
14) T	Benzo[a]anthracene (C...	14.579	2161242	23.021 ug/ml
15) T	Chrysene (C27.41)	14.622	2185927	23.107 ug/ml
16) T	benzo[b]fluoranthene ...	16.129	2212174	21.392 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.161	2267353	21.487 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.504	2184729	21.023 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.869	2156649	20.233 ug/mlm
20) T	Dibenz[a,h]anthracene...	17.911	2313615	22.121 ug/mlm
21) T	Benzo[g,h,i]perylene ...	18.122	2127900	20.034 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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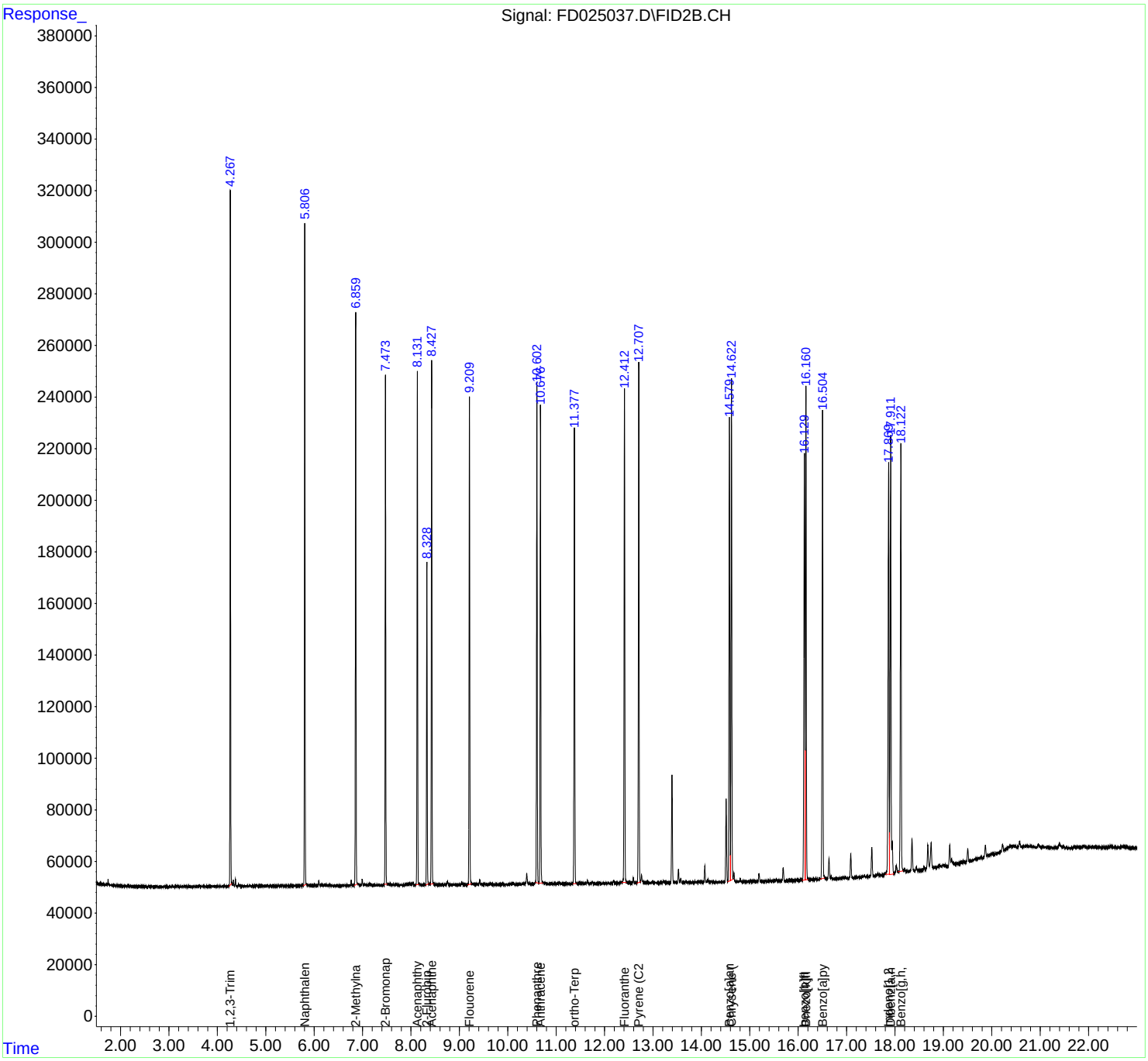
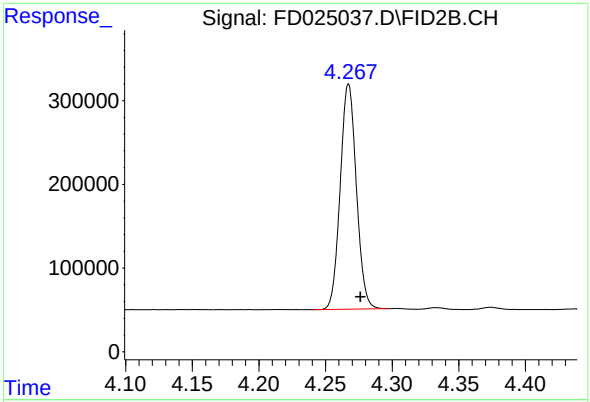
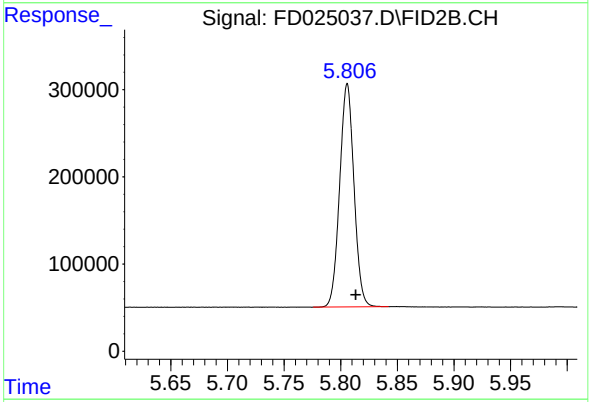




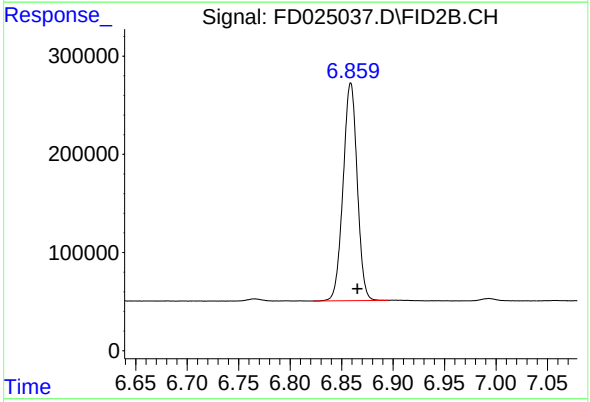
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.267 min
Delta R.T.: -0.009 min
Response: 2267854
Conc: 24.40 ug/ml



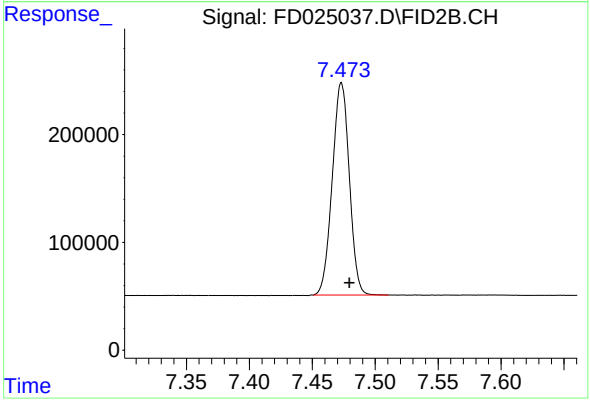
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.008 min
Response: 2251170
Conc: 22.18 ug/ml



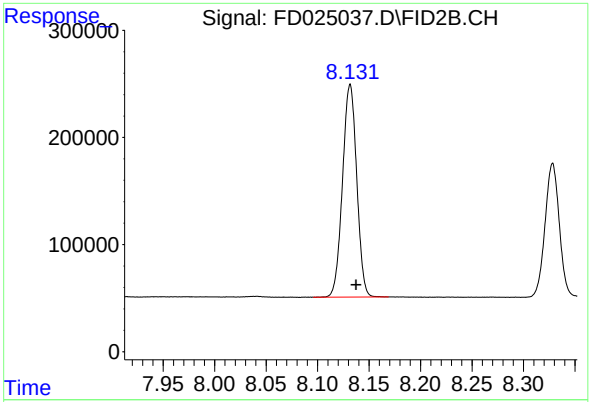
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 2116061
Conc: 20.81 ug/ml



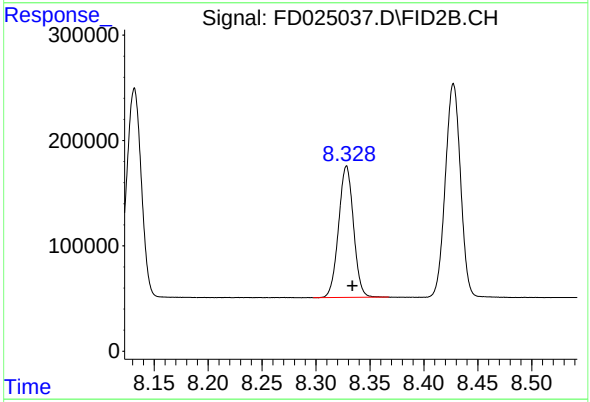
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.006 min
Response: 1858434
Conc: 20.32 ug/ml



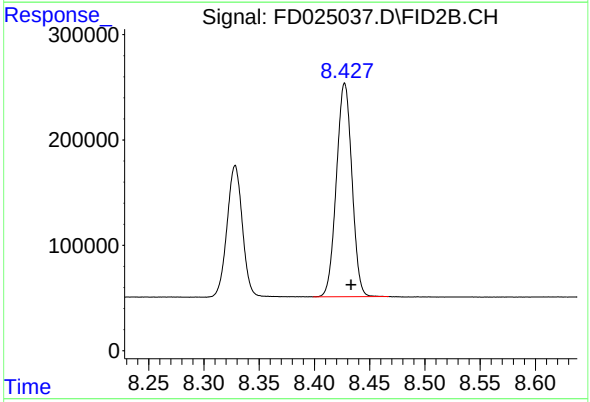
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 1906871
Conc: 19.10 ug/ml



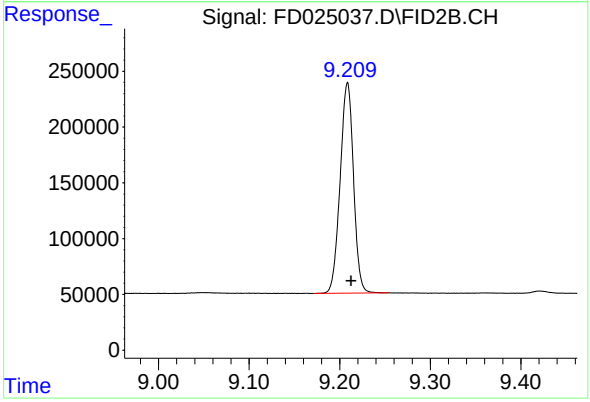
#6 2-Flurobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 1200877
Conc: 18.93 ug/ml



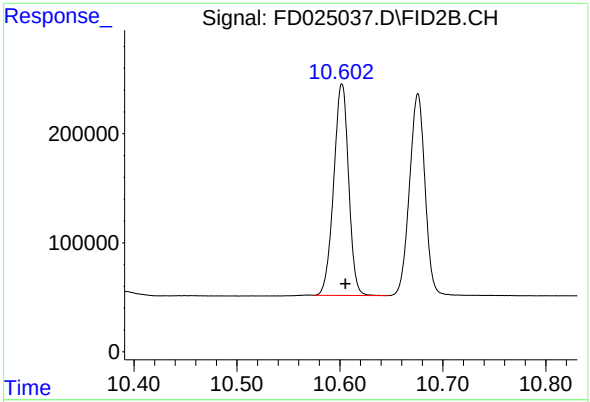
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: -0.006 min
Response: 1984156
Conc: 18.99 ug/ml



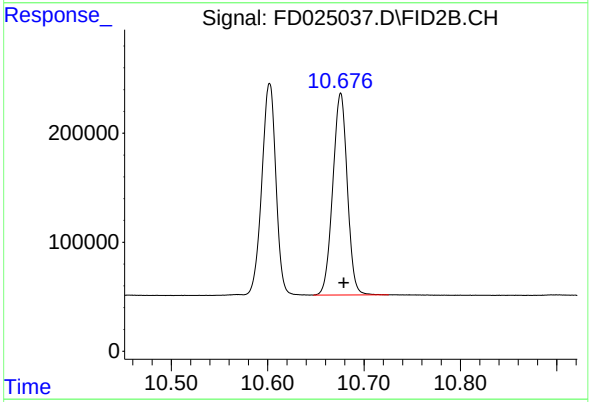
#8 Flouorene (C16.55)

R.T.: 9.209 min
Delta R.T.: -0.004 min
Response: 1937059
Conc: 18.54 ug/ml



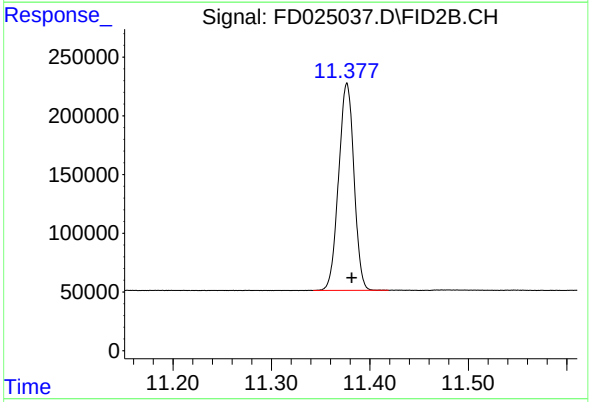
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.003 min
Response: 1950582
Conc: 18.97 ug/ml



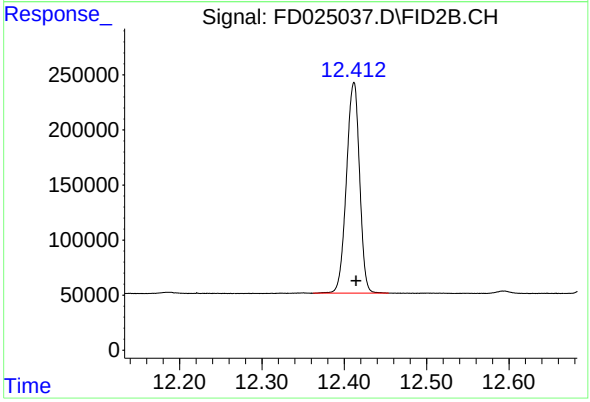
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.003 min
Response: 1936034
Conc: 18.99 ug/ml



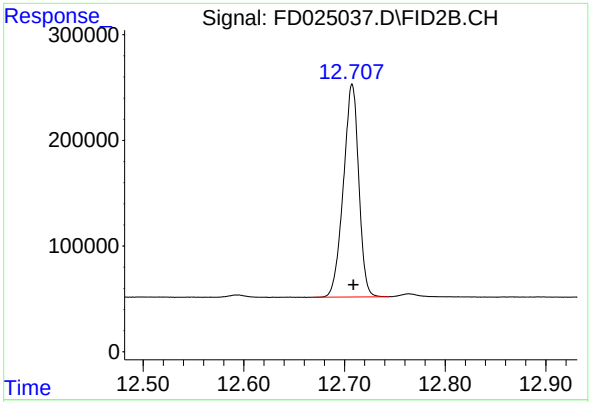
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.005 min
Response: 1910296
Conc: 19.04 ug/ml



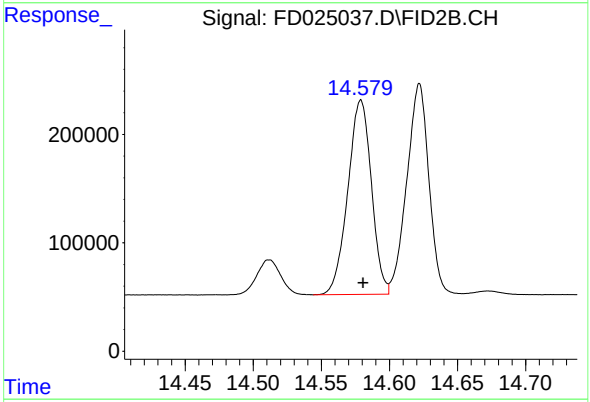
#12 Fluoranthene (C21.85)

R.T.: 12.412 min
Delta R.T.: -0.002 min
Response: 2120688
Conc: 21.27 ug/ml



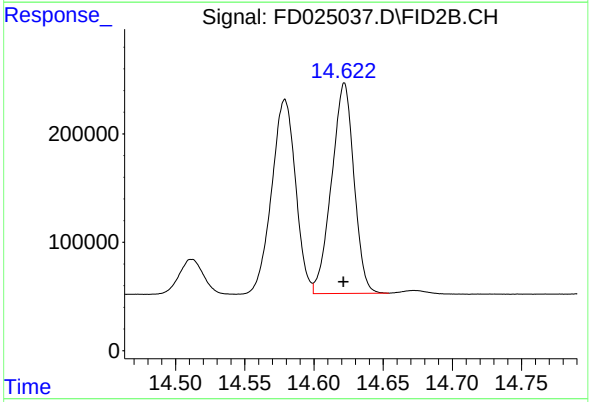
#13 Pyrene (C20.8)

R.T.: 12.708 min
Delta R.T.: -0.001 min
Response: 2138972
Conc: 21.51 ug/ml



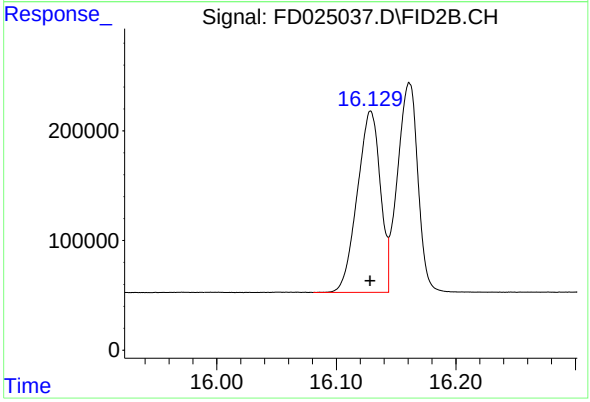
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.002 min
Response: 2161242
Conc: 23.02 ug/ml



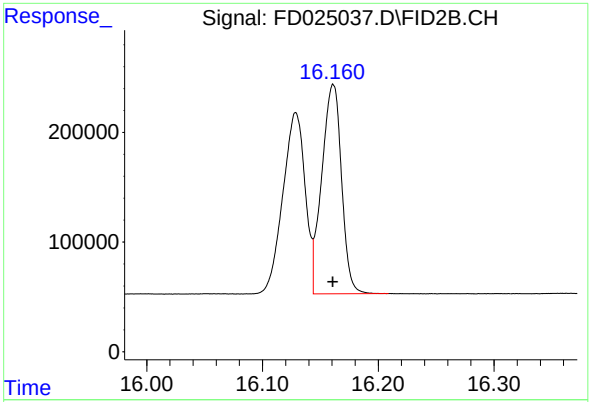
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.000 min
Response: 2185927
Conc: 23.11 ug/ml



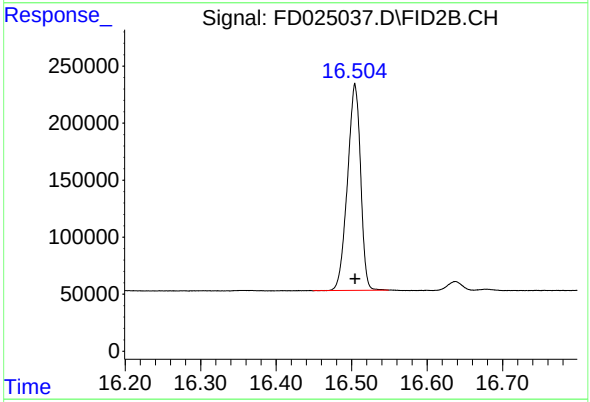
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 2212174
Conc: 21.39 ug/ml



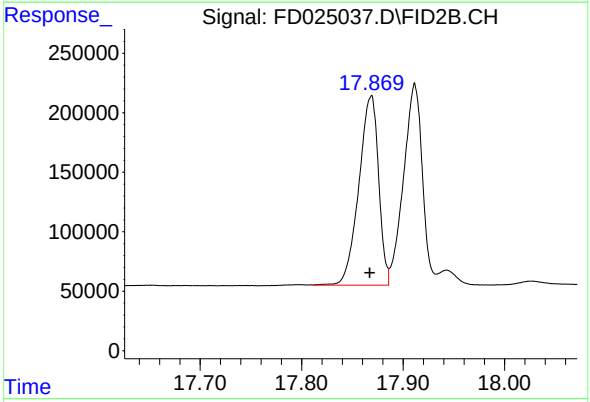
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 2267353
Conc: 21.49 ug/ml



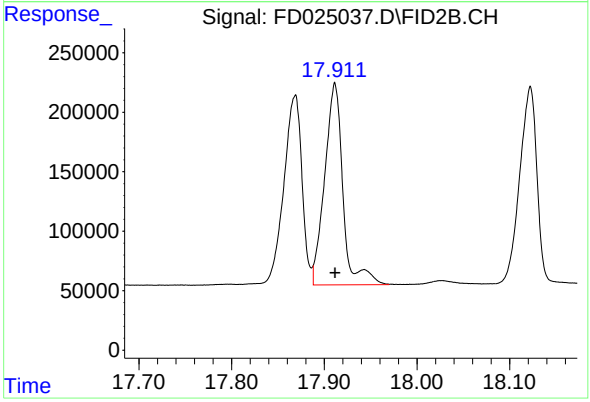
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min
Delta R.T.: 0.000 min
Response: 2184729
Conc: 21.02 ug/ml



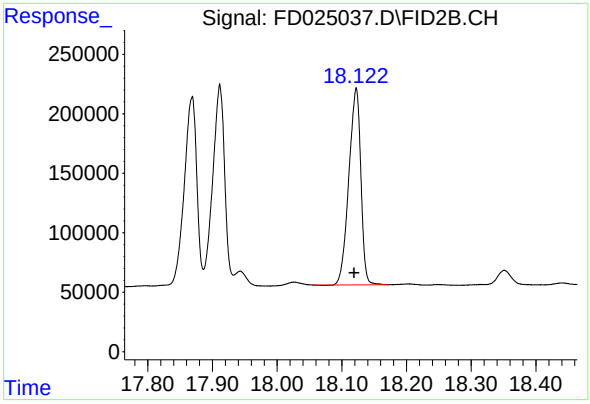
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: 0.002 min
Response: 2156649
Conc: 20.23 ug/ml m



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

R.T.: 17.911 min
Delta R.T.: 0.000 min
Response: 2313615
Conc: 22.12 ug/ml m



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

R.T.:	18.122 min
Delta R.T.:	0.003 min
Response:	2127900
Conc:	20.03 ug/ml