Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081320AR\
Data File : FD034462.D
Signal(s) : FID2B.CH
Acq On : 13 Aug 2020 22:09
Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Aug 14 02:45:52 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
Quant Title : GC Extractables
QLast Update : Mon Aug 03 10:54:15 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...	7.701	2067209	17.682 ug/ml
Spiked Amount	50.000		Recovery =	35.36%
6) S	2-Flurobiphenyl (SURR)	8.569	1451837	17.512 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	35.02%
11) S	ortho-Terphenyl (SURR)	11.610	2344535	17.252 ug/ml
Spiked Amount	50.000		Recovery =	34.50%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.494	2289063	17.959 ug/ml
2) T	Naphthalene (C11.7)	6.039	2383345	17.815 ug/ml
3) T	2-Methylnaphthalene (...	7.093	2381221	17.641 ug/ml
5) T	Acenaphthylene (C15.06)	8.372	2300710	17.384 ug/ml
7) T	Acenaphthene (C15.5)	8.667	2360119	17.549 ug/ml
8) T	Flouorene (C16.55)	9.449	2308243	17.366 ug/ml
9) T	Phenanthrene (C19.36)	10.848	2327184	17.362 ug/ml
10) T	Anthracene (C19.43)	10.922	2159491	16.271 ug/ml
12) T	Fluoranthene (C21.85)	12.663	2335168	17.181 ug/ml
13) T	Pyrene (C20.8)	12.960	2281734	17.135 ug/ml
14) T	Benzo[a]anthracene (C...	14.832	2265741	17.263 ug/ml
15) T	Chrysene (C27.41)	14.875	2284584	17.425 ug/ml
16) T	benzo[b]fluoranthene ...	16.382	2274748	17.781 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.415	2219652	17.921 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.762	2237743	17.873 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.127	2234728	18.572 ug/ml
20) T	Dibenz[a,h]anthracene...	18.164	2229615	18.887 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.381	2204286	18.603 ug/ml

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

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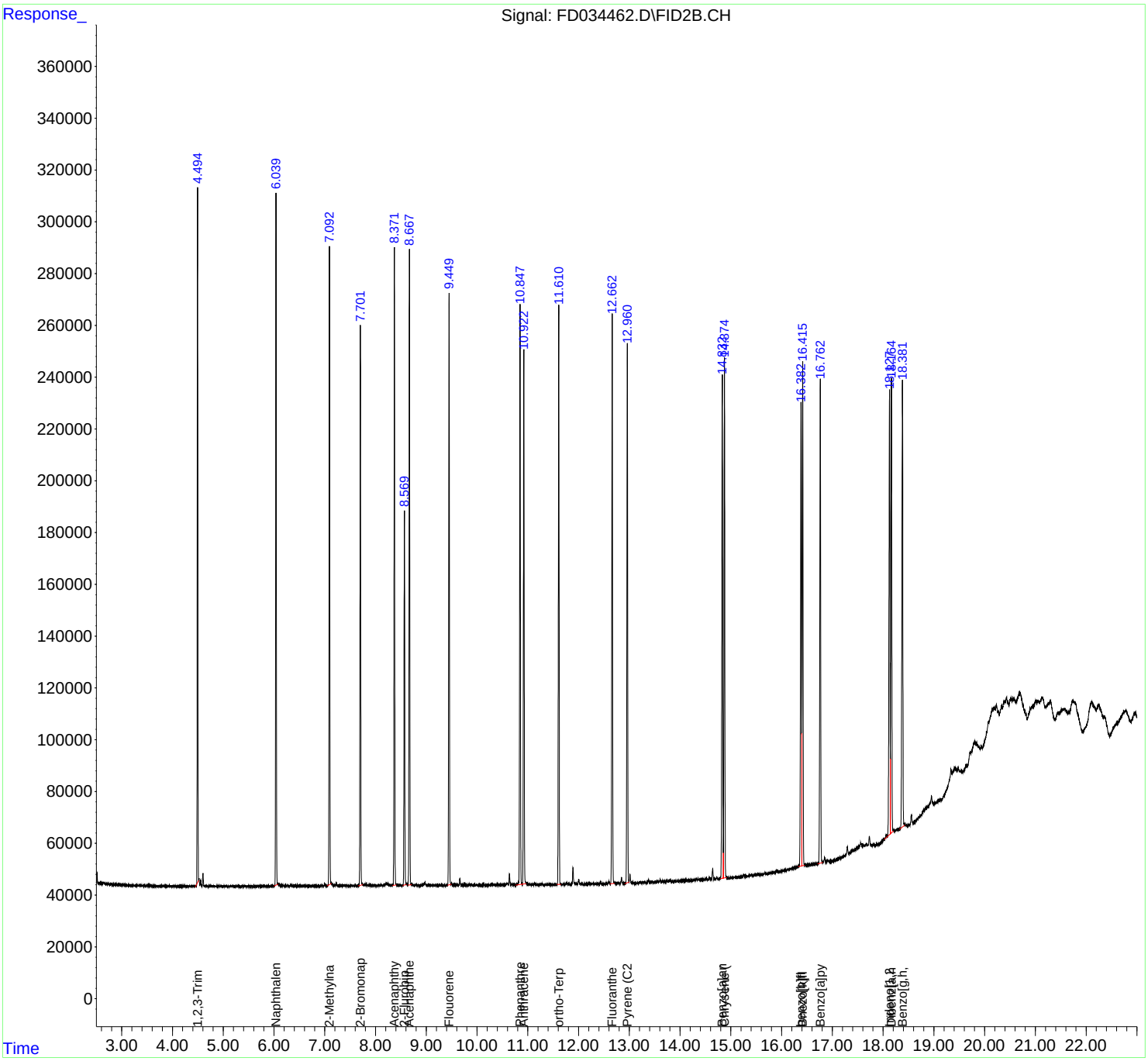
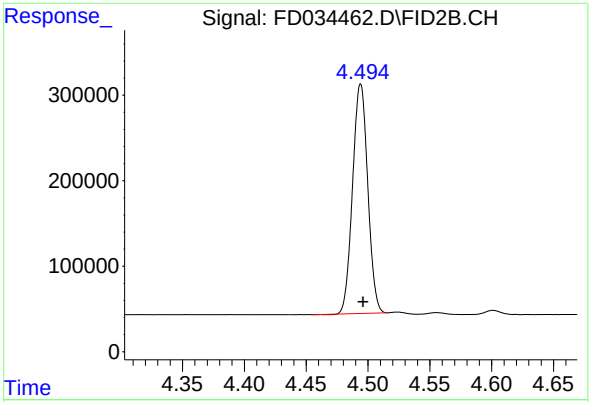
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
Quant Title : GC Extractables
QLast Update : Mon Aug 03 10:54:15 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

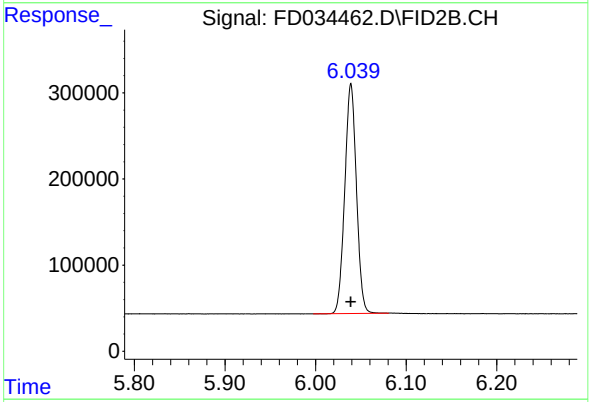
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





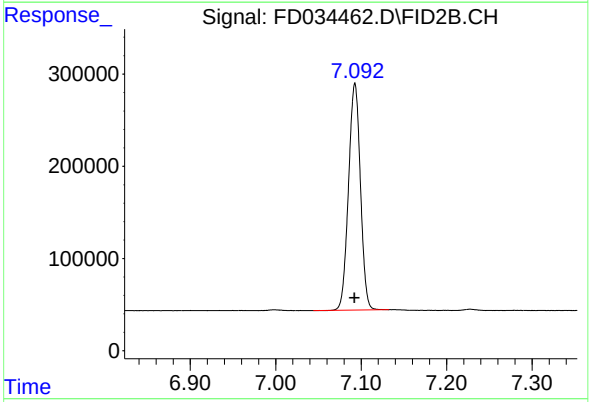
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 2289063
Conc: 17.96 ug/ml



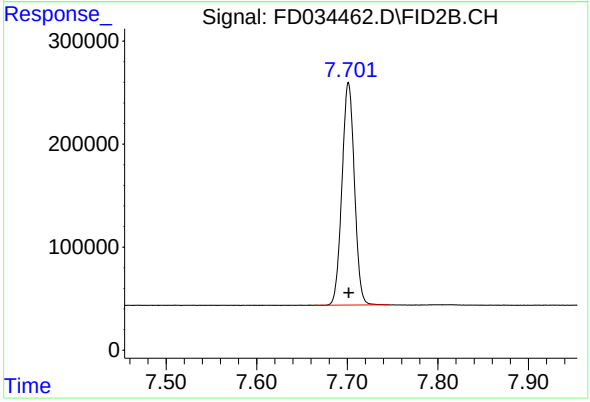
#2 Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 2383345
Conc: 17.81 ug/ml



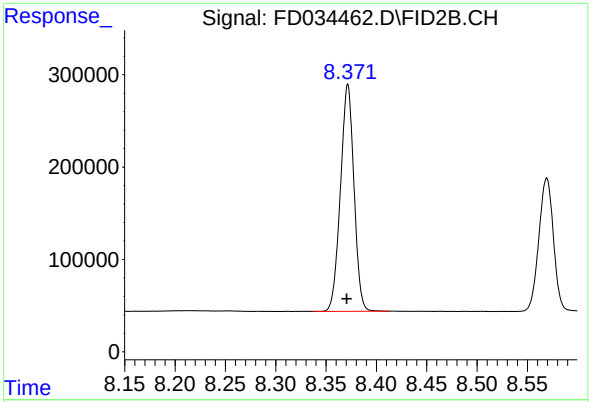
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 2381221
Conc: 17.64 ug/ml



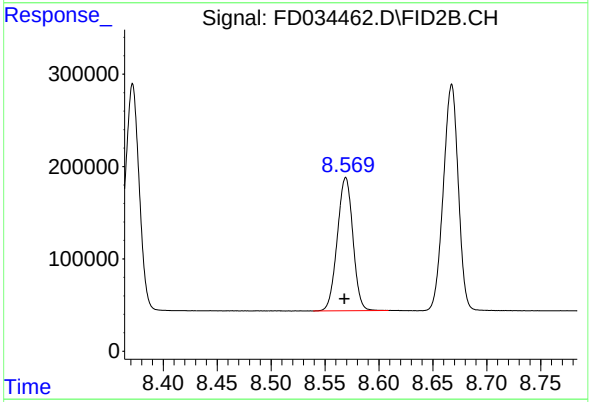
#4 2-Bromonaphthalene (SURR)

R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 2067209
Conc: 17.68 ug/ml



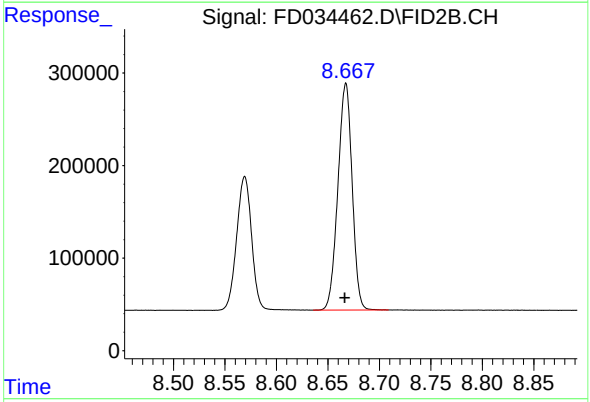
#5 Acenaphthylene (C15.06)

R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 2300710
Conc: 17.38 ug/ml



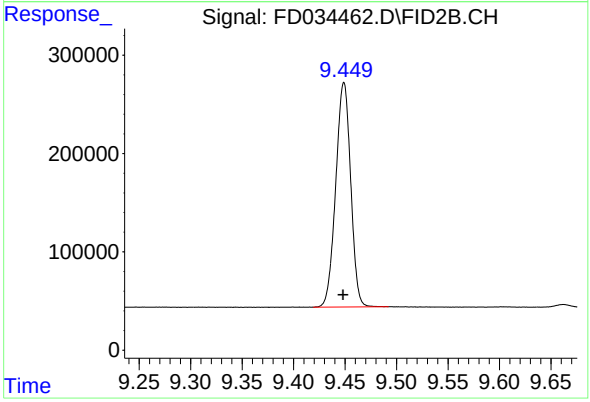
#6 2-Flurobiphenyl (SURR)

R.T.: 8.569 min
Delta R.T.: 0.001 min
Response: 1451837
Conc: 17.51 ug/ml



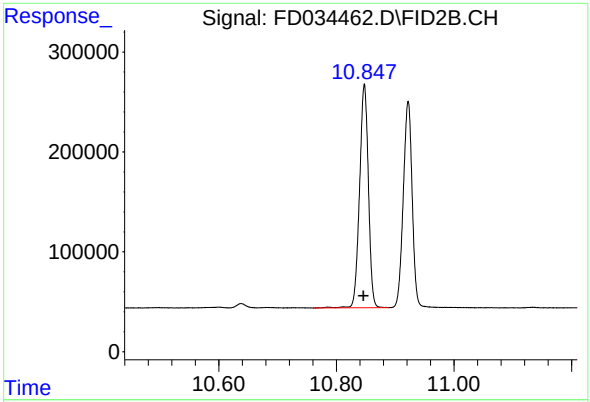
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: 0.001 min
Response: 2360119
Conc: 17.55 ug/ml



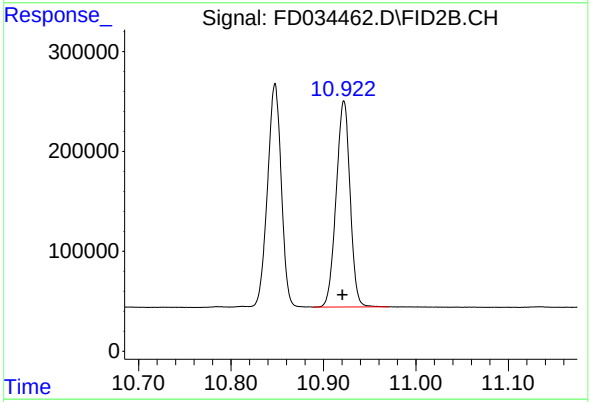
#8 Flouorene (C16.55)

R.T.: 9.449 min
Delta R.T.: 0.000 min
Response: 2308243
Conc: 17.37 ug/ml



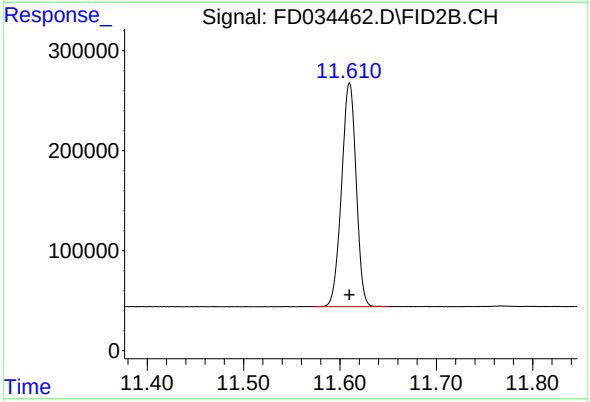
#9 Phenanthrene (C19.36)

R.T.: 10.848 min
Delta R.T.: 0.002 min
Response: 2327184
Conc: 17.36 ug/ml



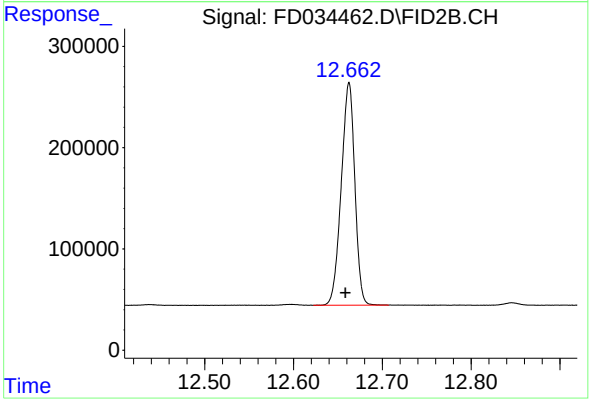
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: 0.002 min
Response: 2159491
Conc: 16.27 ug/ml



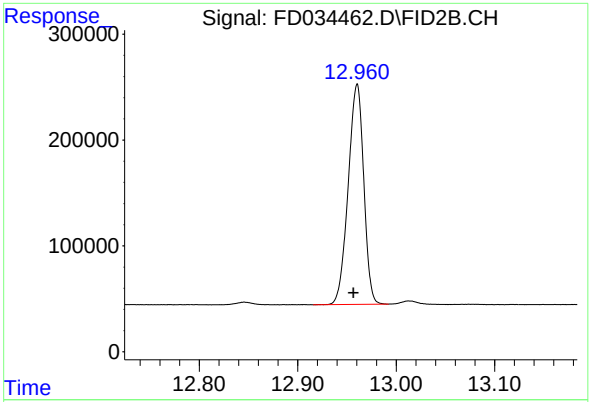
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 2344535
Conc: 17.25 ug/ml



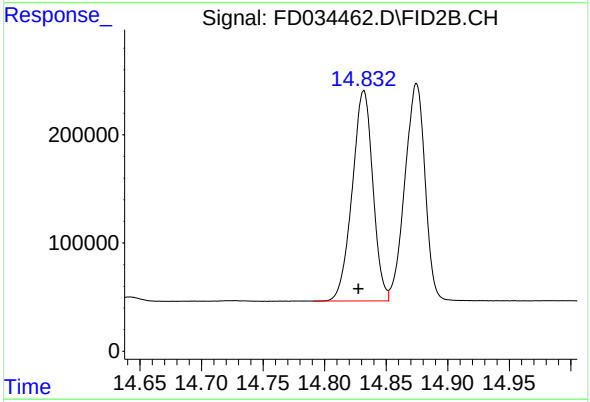
#12 Fluoranthene (C21.85)

R.T.: 12.663 min
Delta R.T.: 0.004 min
Response: 2335168
Conc: 17.18 ug/ml



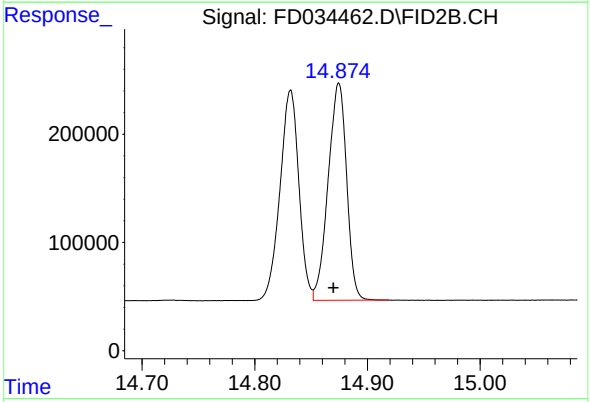
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.004 min
Response: 2281734
Conc: 17.14 ug/ml



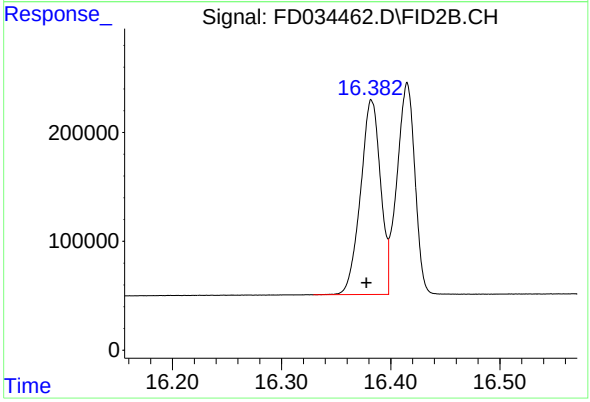
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.832 min
Delta R.T.: 0.004 min
Response: 2265741
Conc: 17.26 ug/ml



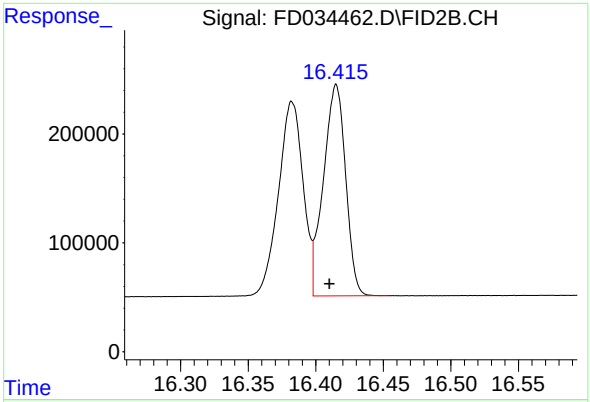
#15 Chrysene (C27.41)

R.T.: 14.875 min
Delta R.T.: 0.005 min
Response: 2284584
Conc: 17.43 ug/ml



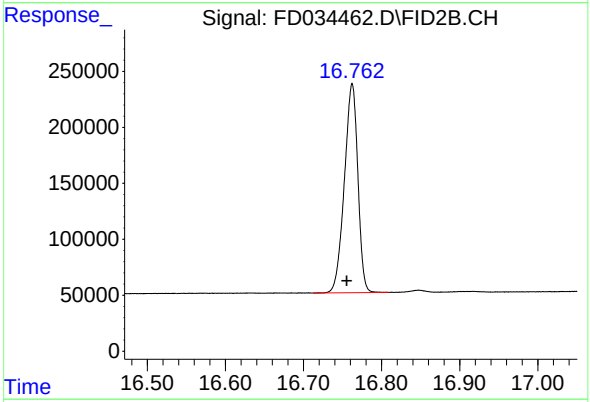
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.382 min
Delta R.T.: 0.005 min
Response: 2274748
Conc: 17.78 ug/ml



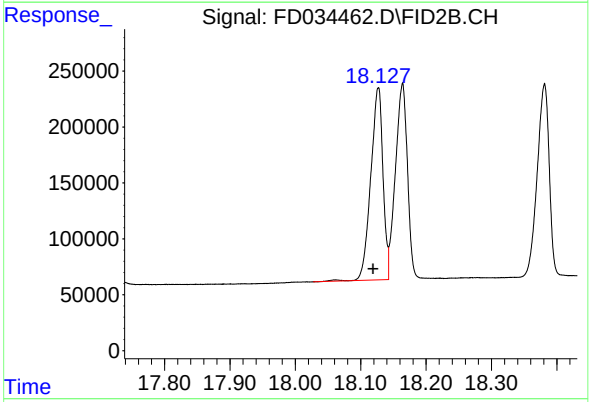
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.415 min
Delta R.T.: 0.005 min
Response: 2219652
Conc: 17.92 ug/ml



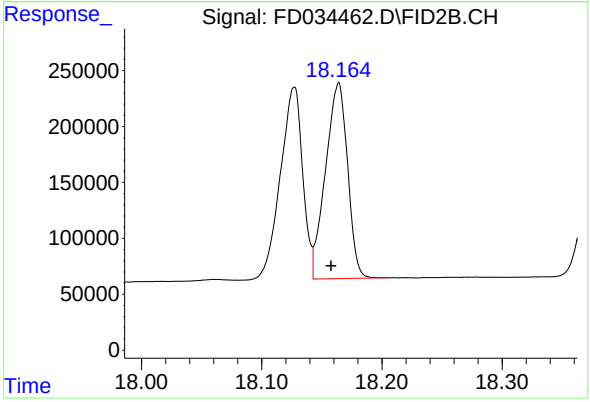
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.762 min
Delta R.T.: 0.007 min
Response: 2237743
Conc: 17.87 ug/ml



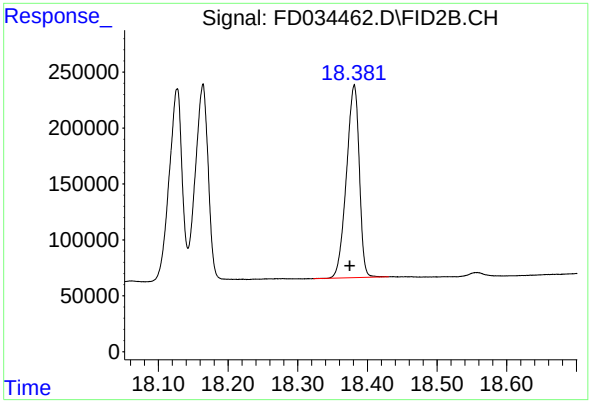
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.127 min
Delta R.T.: 0.008 min
Response: 2234728
Conc: 18.57 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.006 min
Response: 2229615
Conc: 18.89 ug/ml



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

R.T.:	18.381 min
Delta R.T.:	0.007 min
Response:	2204286
Conc:	18.60 ug/ml