

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071818AR\
 Data File : FD025107.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2018 15:57
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 19 02:14:06 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...	7.471	1756845	19.205 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
6) S 2-Fluorobiphenyl (SURR)	8.326	1145299	18.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.12%
11) S ortho-Terphenyl (SURR)	11.375	1796119	17.897 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.265	2069049	22.263 ug/ml
2) T Naphthalene (C11.7)	5.804	2091708	20.613 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	1993345	19.605 ug/ml
5) T Acenaphthylene (C15.06)	8.129	1821900	18.247 ug/ml
7) T Acenaphthene (C15.5)	8.426	1890490	18.098 ug/ml
8) T Flouorene (C16.55)	9.206	1837932	17.590 ug/ml
9) T Phenanthrene (C19.36)	10.600	1851342	18.006 ug/ml
10) T Anthracene (C19.43)	10.674	1824622	17.897 ug/ml
12) T Fluoranthene (C21.85)	12.410	2004164	20.100 ug/ml
13) T Pyrene (C20.8)	12.705	2041761	20.533 ug/ml
14) T Benzo[a]anthracene (C...	14.578	2103792	22.409 ug/ml
15) T Chrysene (C27.41)	14.619	2117123	22.379 ug/ml
16) T benzo[b]fluoranthene ...	16.127	2171902	21.003 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	2186566	20.721 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	2159448	20.780 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	2074799	19.466 ug/ml
20) T Dibenz[a,h]anthracene...	17.910	2144032	20.499 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.121	2132912	20.081 ug/ml

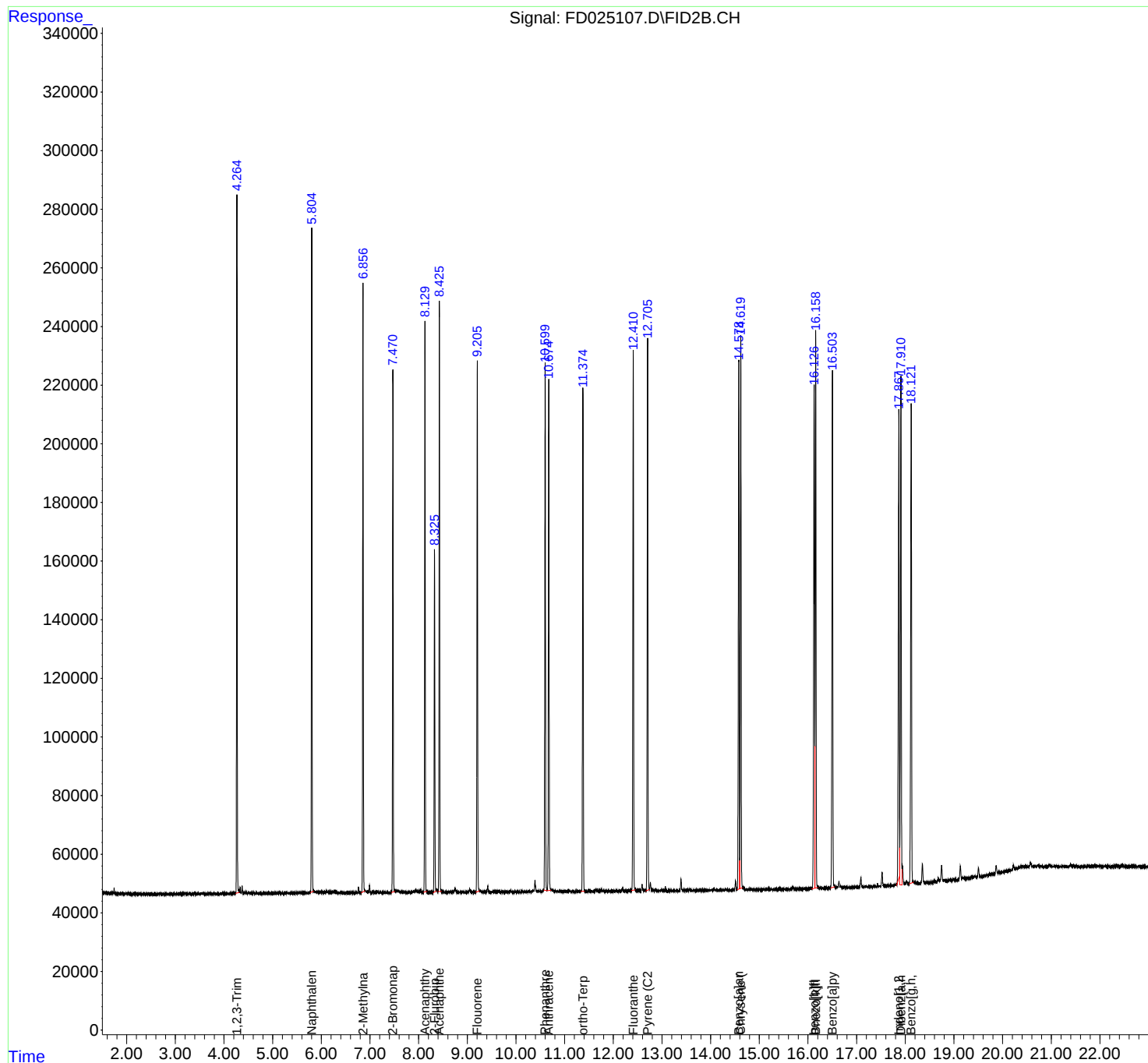
(f)=RT Delta > 1/2 Window

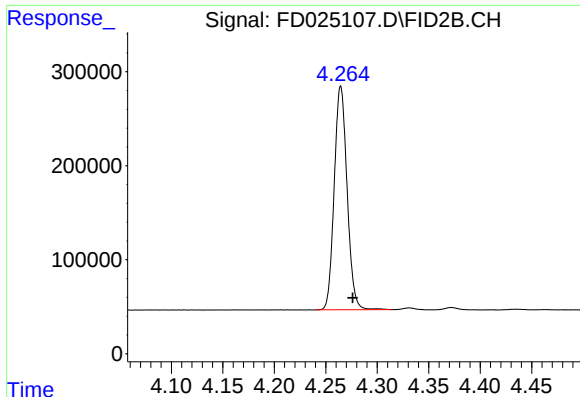
(m)=manual int.

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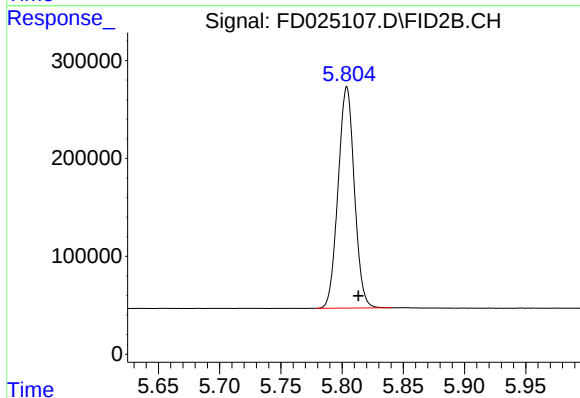
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





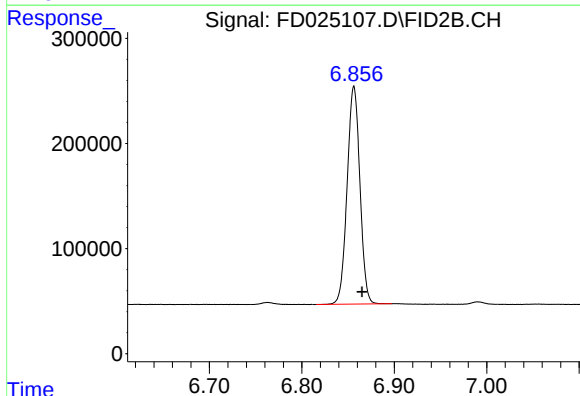
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.265 min
Delta R.T.: -0.012 min
Response: 2069049
Conc: 22.26 ug/ml



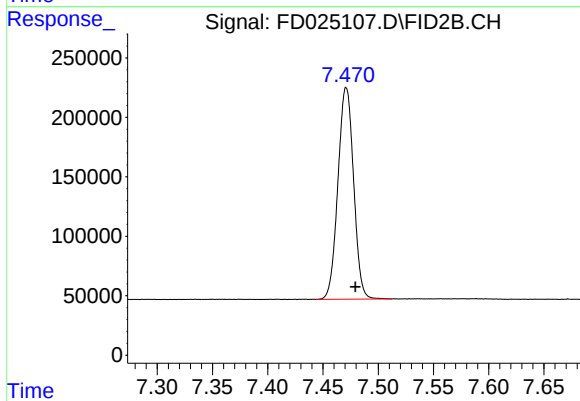
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.010 min
Response: 2091708
Conc: 20.61 ug/ml



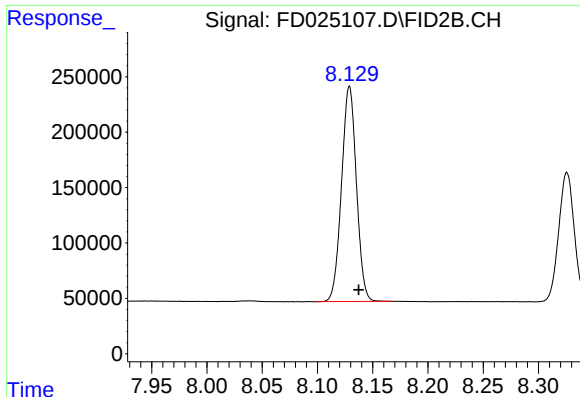
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 1993345
Conc: 19.61 ug/ml



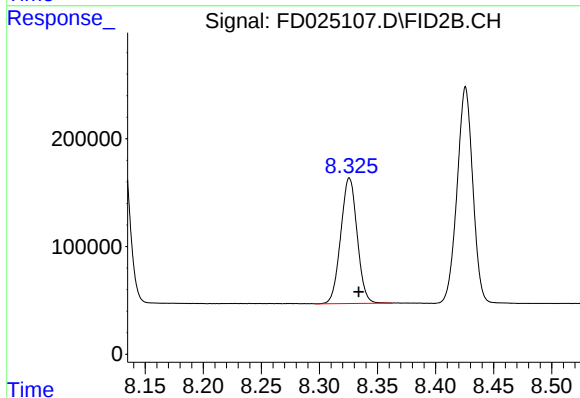
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: -0.008 min
Response: 1756845
Conc: 19.21 ug/ml



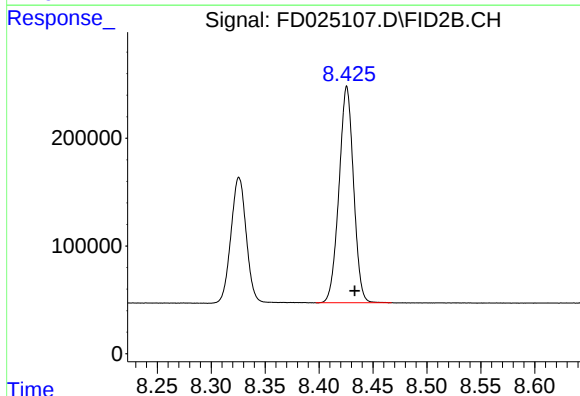
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: -0.009 min
Response: 1821900
Conc: 18.25 ug/ml



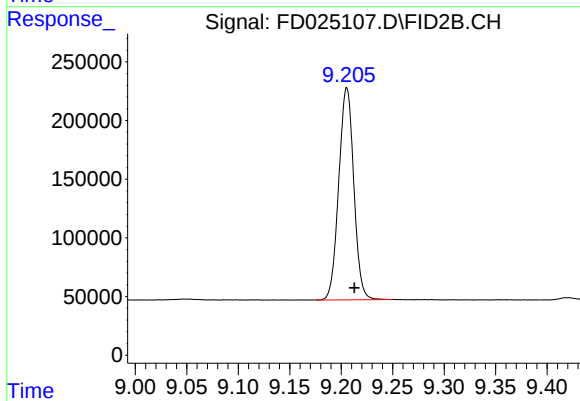
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 1145299
Conc: 18.06 ug/ml



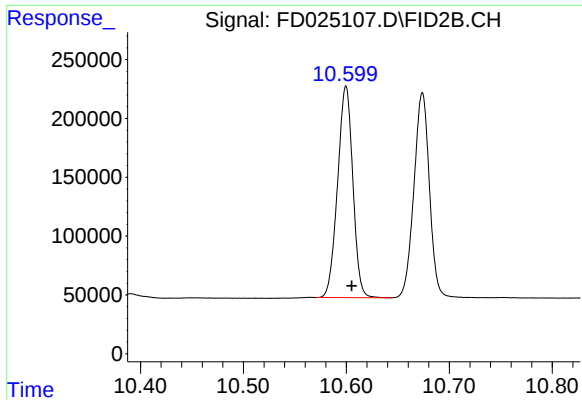
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.007 min
Response: 1890490
Conc: 18.10 ug/ml



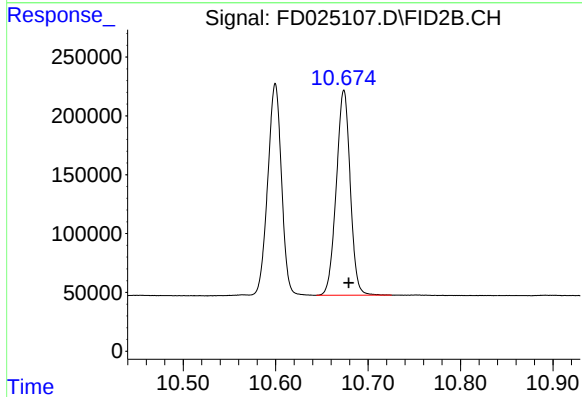
#8 Fluorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.007 min
Response: 1837932
Conc: 17.59 ug/ml



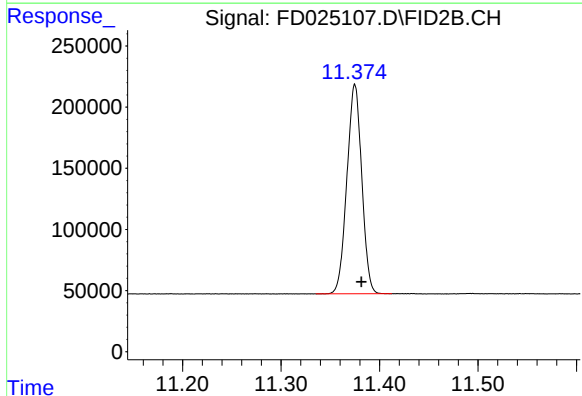
#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.006 min
Response: 1851342
Conc: 18.01 ug/ml



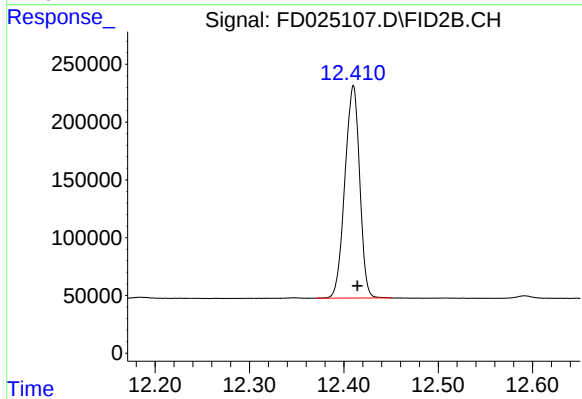
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.005 min
Response: 1824622
Conc: 17.90 ug/ml



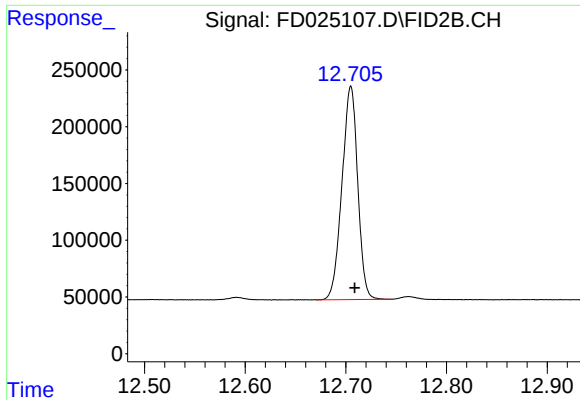
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: -0.006 min
Response: 1796119
Conc: 17.90 ug/ml



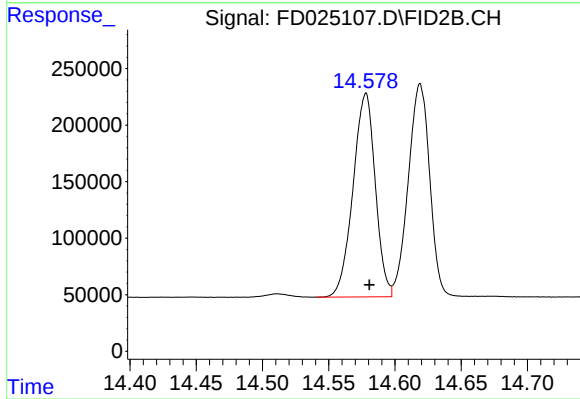
#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.004 min
Response: 2004164
Conc: 20.10 ug/ml



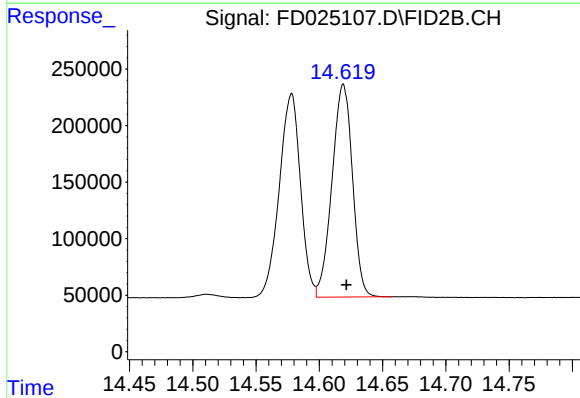
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.004 min
Response: 2041761
Conc: 20.53 ug/ml



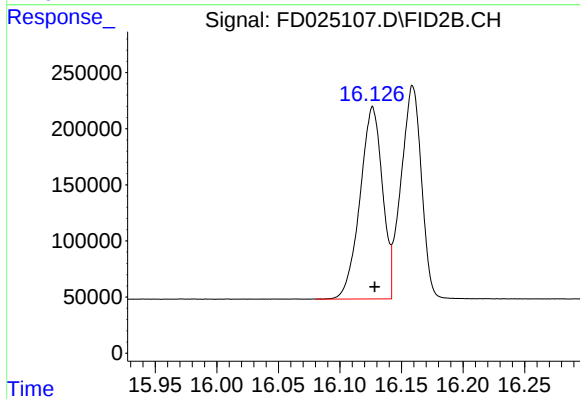
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.003 min
Response: 2103792
Conc: 22.41 ug/ml



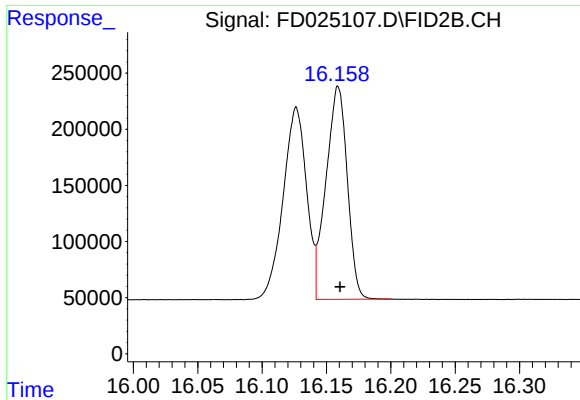
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.002 min
Response: 2117123
Conc: 22.38 ug/ml



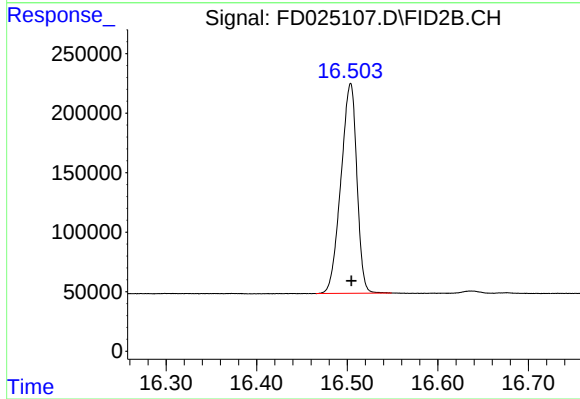
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.127 min
Delta R.T.: -0.002 min
Response: 2171902
Conc: 21.00 ug/ml



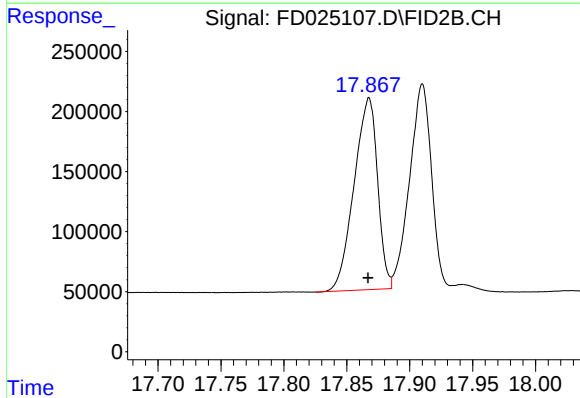
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.159 min
Delta R.T.: -0.002 min
Response: 2186566
Conc: 20.72 ug/ml



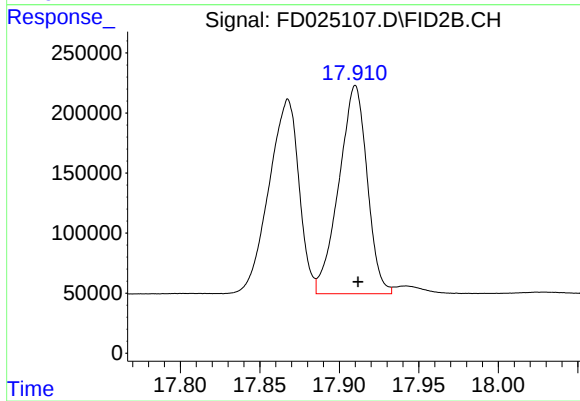
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min
Delta R.T.: 0.000 min
Response: 2159448
Conc: 20.78 ug/ml



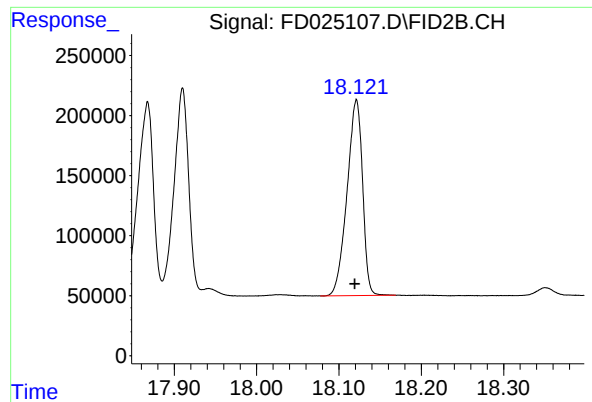
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: 0.000 min
Response: 2074799
Conc: 19.47 ug/ml



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

R.T.: 17.910 min
Delta R.T.: -0.002 min
Response: 2144032
Conc: 20.50 ug/ml m



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

R.T.: 18.121 min
Delta R.T.: 0.002 min
Response: 2132912
Conc: 20.08 ug/ml