

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082418AR\
 Data File : FD025480.D
 Signal(s) : FID2B.CH
 Acq On : 24 Aug 2018 14:45
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 25 05:35:52 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.438	1690803	20.974 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
6) S 2-Fluorobiphenyl (SURR)	8.291	1146449	20.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.38%
11) S ortho-Terphenyl (SURR)	11.336	1779483	18.984 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	1815880	23.110 ug/ml
2) T Naphthalene (C11.7)	5.772	1951351	22.311 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	1910547	21.547 ug/ml
5) T Acenaphthylene (C15.06)	8.095	1817863	20.393 ug/ml
7) T Acenaphthene (C15.5)	8.391	1894026	20.249 ug/ml
8) T Flouorene (C16.55)	9.169	1853661	19.371 ug/ml
9) T Phenanthrene (C19.36)	10.560	1838576	19.037 ug/ml
10) T Anthracene (C19.43)	10.634	1790794	18.872 ug/ml
12) T Fluoranthene (C21.85)	12.367	1909006	19.899 ug/ml
13) T Pyrene (C20.8)	12.661	1937039	20.244 ug/ml
14) T Benzo[a]anthracene (C...	14.531	1990328	22.239 ug/ml
15) T Chrysene (C27.41)	14.573	2006179	22.362 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2080801	21.775 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	2088475	21.567 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	2078861	21.368 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2040011	19.900 ug/ml
20) T Dibenz[a,h]anthracene...	17.856	2017816	20.031 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	2081265	20.117 ug/ml

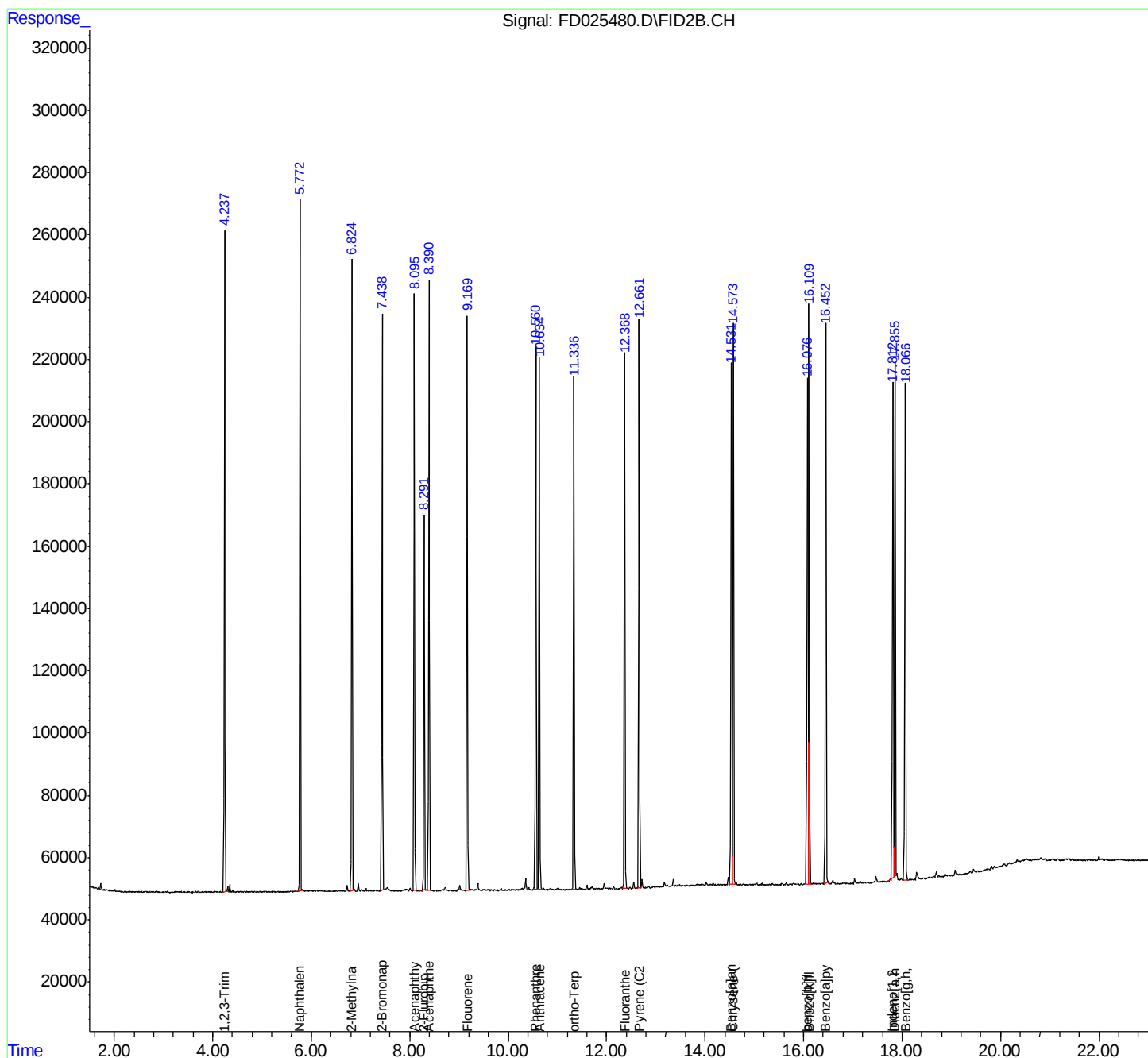
(f)=RT Delta > 1/2 Window

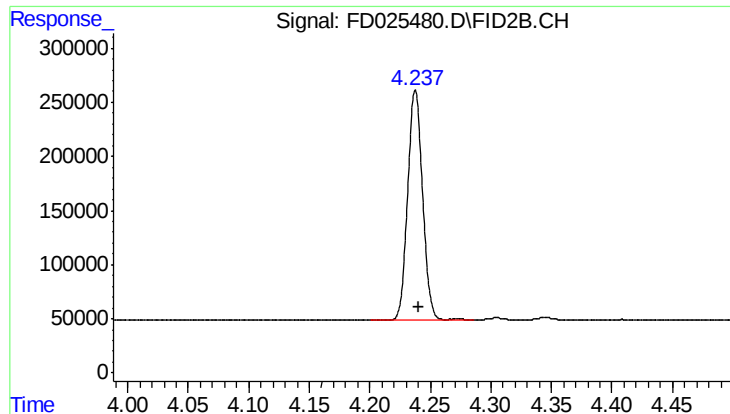
(m)=manual int.

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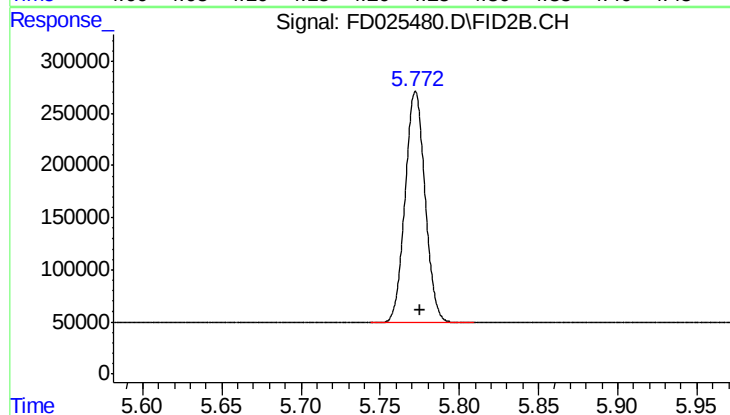
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





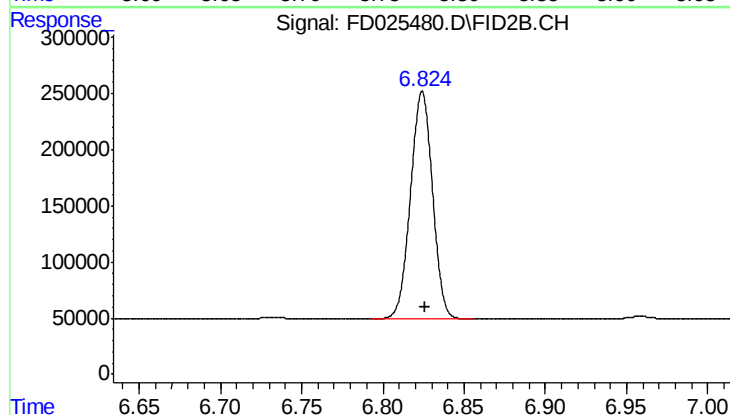
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 1815880
Conc: 23.11 ug/ml



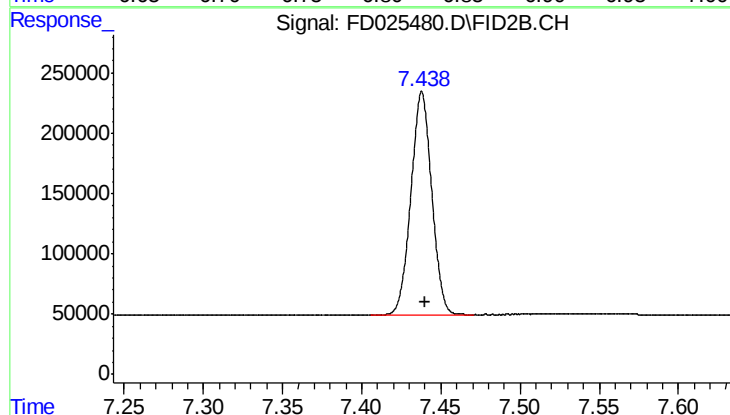
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 1951351
Conc: 22.31 ug/ml



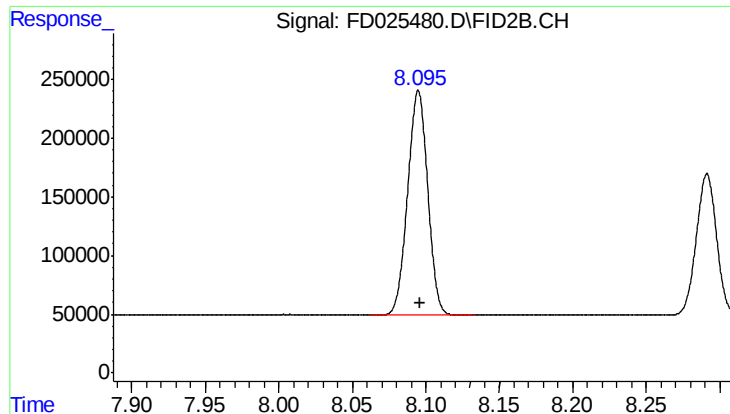
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 1910547
Conc: 21.55 ug/ml



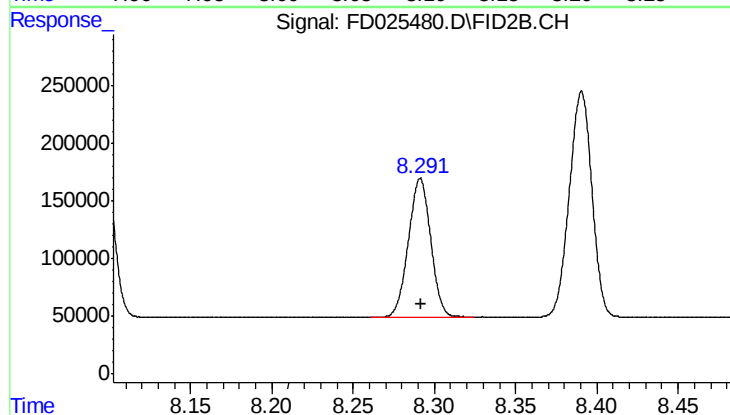
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.002 min
Response: 1690803
Conc: 20.97 ug/ml



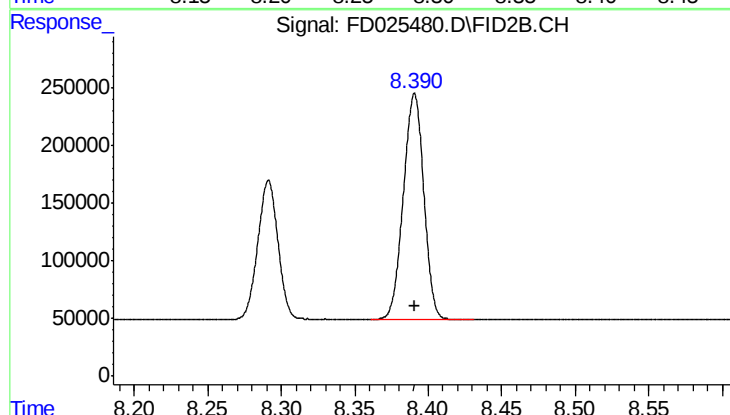
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 1817863
Conc: 20.39 ug/ml



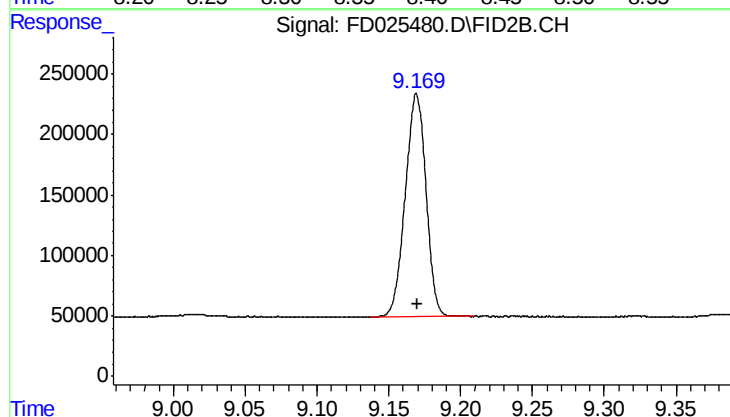
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1146449
Conc: 20.19 ug/ml



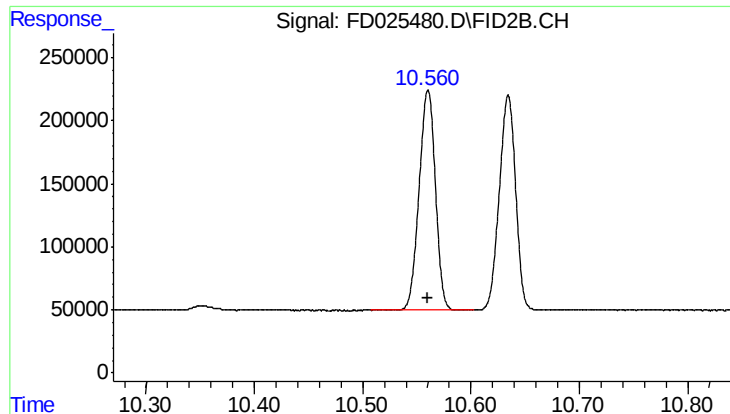
#7 Acenaphthene (C15.5)

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 1894026
Conc: 20.25 ug/ml



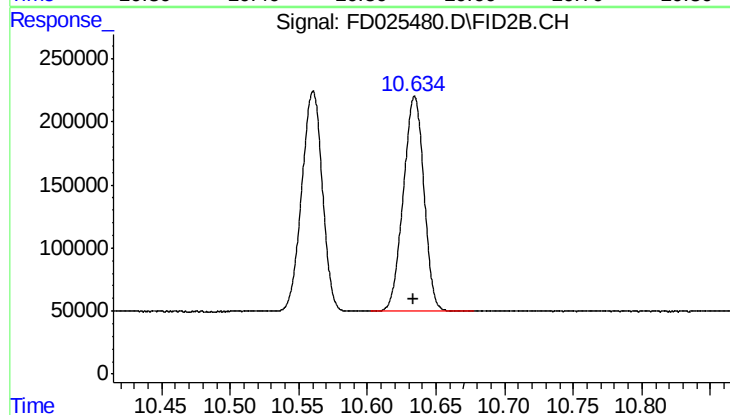
#8 Fluorene (C16.55)

R.T.: 9.169 min
Delta R.T.: 0.000 min
Response: 1853661
Conc: 19.37 ug/ml



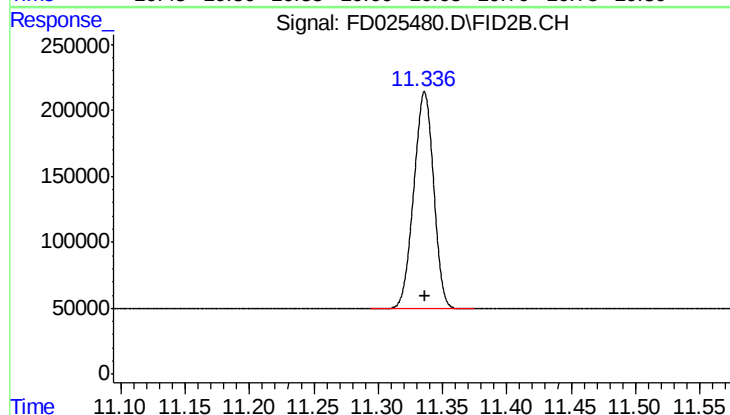
#9 Phenanthrene (C19.36)

R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 1838576
Conc: 19.04 ug/ml



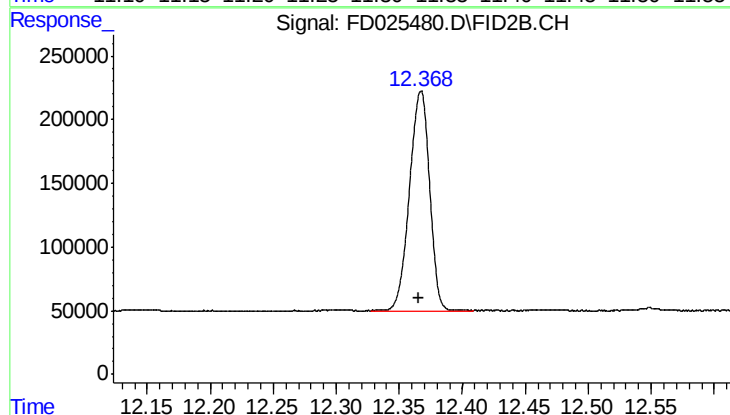
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 1790794
Conc: 18.87 ug/ml



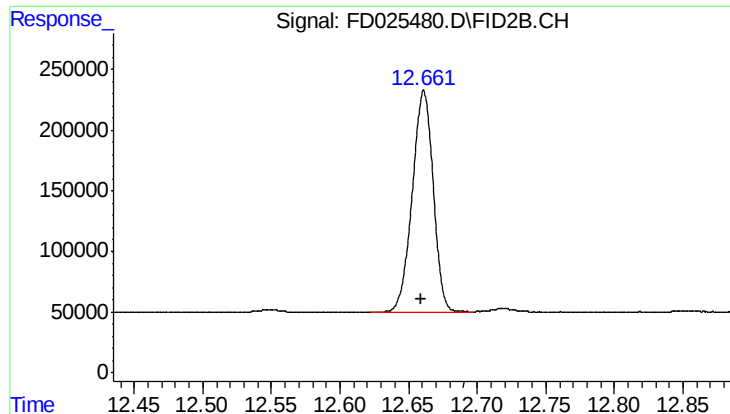
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 1779483
Conc: 18.98 ug/ml



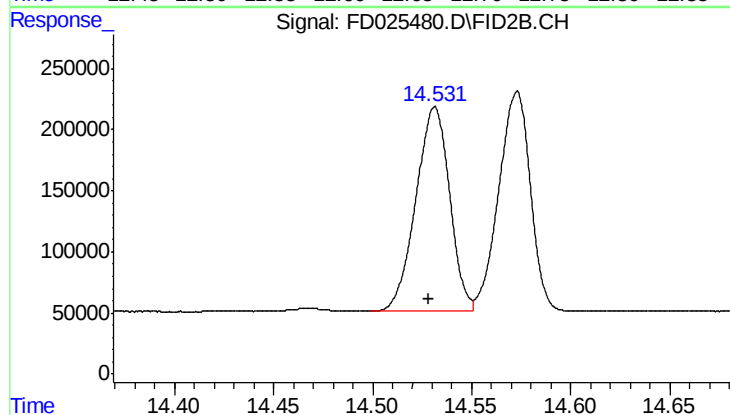
#12 Fluoranthene (C21.85)

R.T.: 12.367 min
Delta R.T.: 0.002 min
Response: 1909006
Conc: 19.90 ug/ml



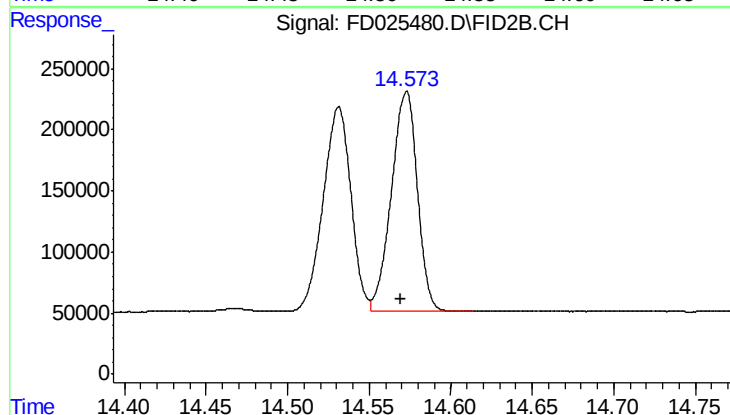
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 1937039
Conc: 20.24 ug/ml



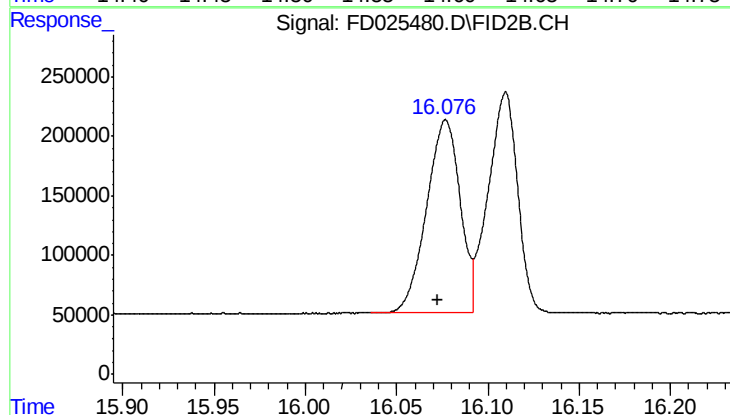
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: 0.003 min
Response: 1990328
Conc: 22.24 ug/ml



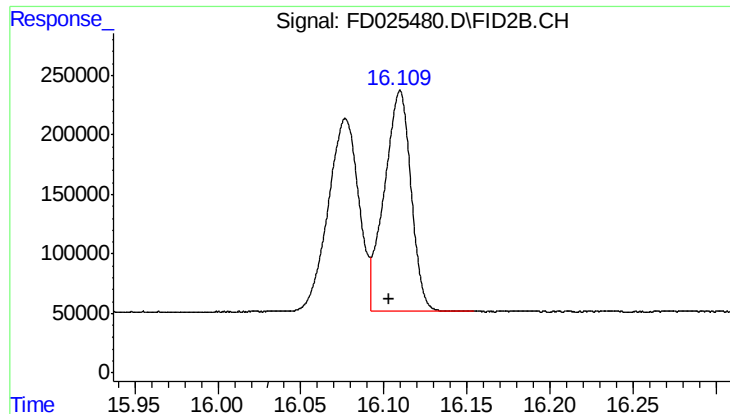
#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: 0.003 min
Response: 2006179
Conc: 22.36 ug/ml



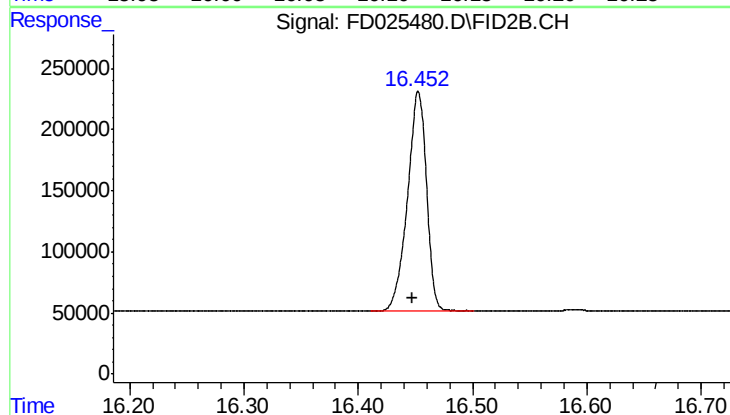
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.077 min
Delta R.T.: 0.005 min
Response: 2080801
Conc: 21.77 ug/ml



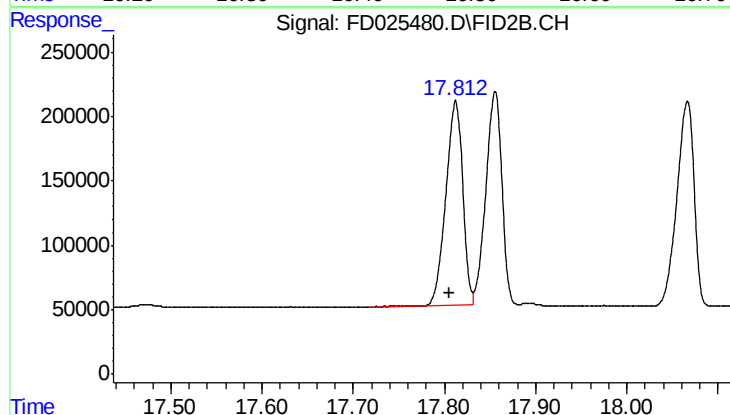
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: 0.007 min
Response: 2088475
Conc: 21.57 ug/ml



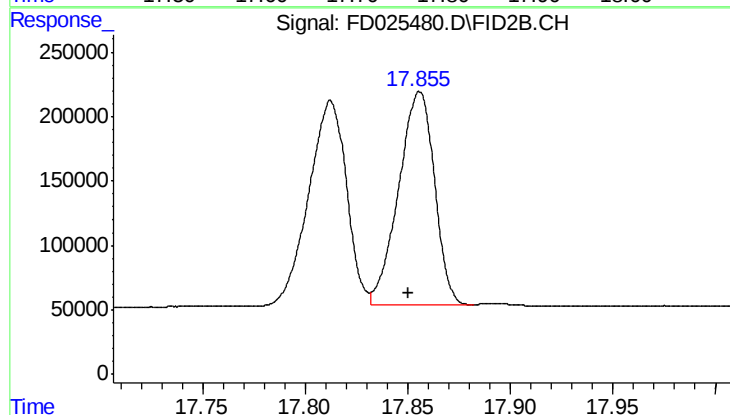
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: 0.005 min
Response: 2078861
Conc: 21.37 ug/ml



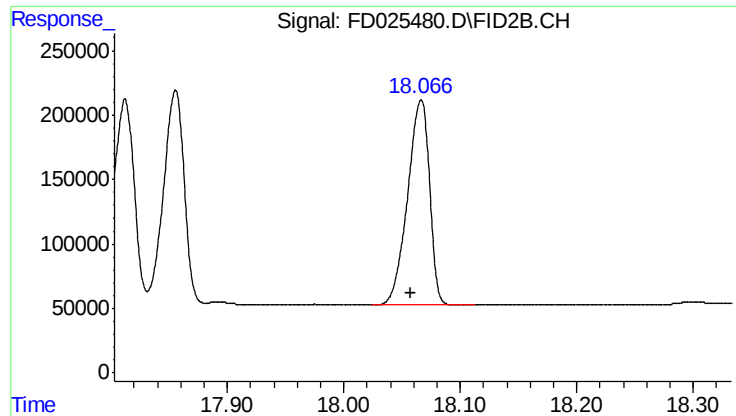
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.007 min
Response: 2040011
Conc: 19.90 ug/ml



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

R.T.: 17.856 min
Delta R.T.: 0.006 min
Response: 2017816
Conc: 20.03 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.009 min
Response: 2081265
Conc: 20.12 ug/ml