

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082218AR\
 Data File : FD025477.D
 Signal(s) : FID2B.CH
 Acq On : 23 Aug 2018 00:10
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 05:06:14 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...	7.441	1663998	20.641 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
6) S 2-Fluorobiphenyl (SURR)	8.294	1126714	19.842 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.68%
11) S ortho-Terphenyl (SURR)	11.339	1761486	18.792 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.239	1840894	23.428 ug/ml
2) T Naphthalene (C11.7)	5.775	1942978	22.215 ug/ml
3) T 2-Methylnaphthalene (...)	6.827	1886030	21.271 ug/ml
5) T Acenaphthylene (C15.06)	8.098	1786814	20.045 ug/ml
7) T Acenaphthene (C15.5)	8.393	1858430	19.868 ug/ml
8) T Flouorene (C16.55)	9.173	1827887	19.102 ug/ml
9) T Phenanthrene (C19.36)	10.564	1816072	18.804 ug/ml
10) T Anthracene (C19.43)	10.638	1778332	18.740 ug/ml
12) T Fluoranthene (C21.85)	12.371	1895603	19.760 ug/ml
13) T Pyrene (C20.8)	12.666	1927069	20.140 ug/ml
14) T Benzo[a]anthracene (C...	14.536	1990755	22.244 ug/ml
15) T Chrysene (C27.41)	14.577	2001608	22.311 ug/ml
16) T benzo[b]fluoranthene ...	16.082	2098415	21.959 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	2112026	21.811 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	2107251	21.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2091842	20.406 ug/mlm
20) T Dibenz[a,h]anthracene...	17.863	2011377	19.967 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	2112087	20.415 ug/mlm

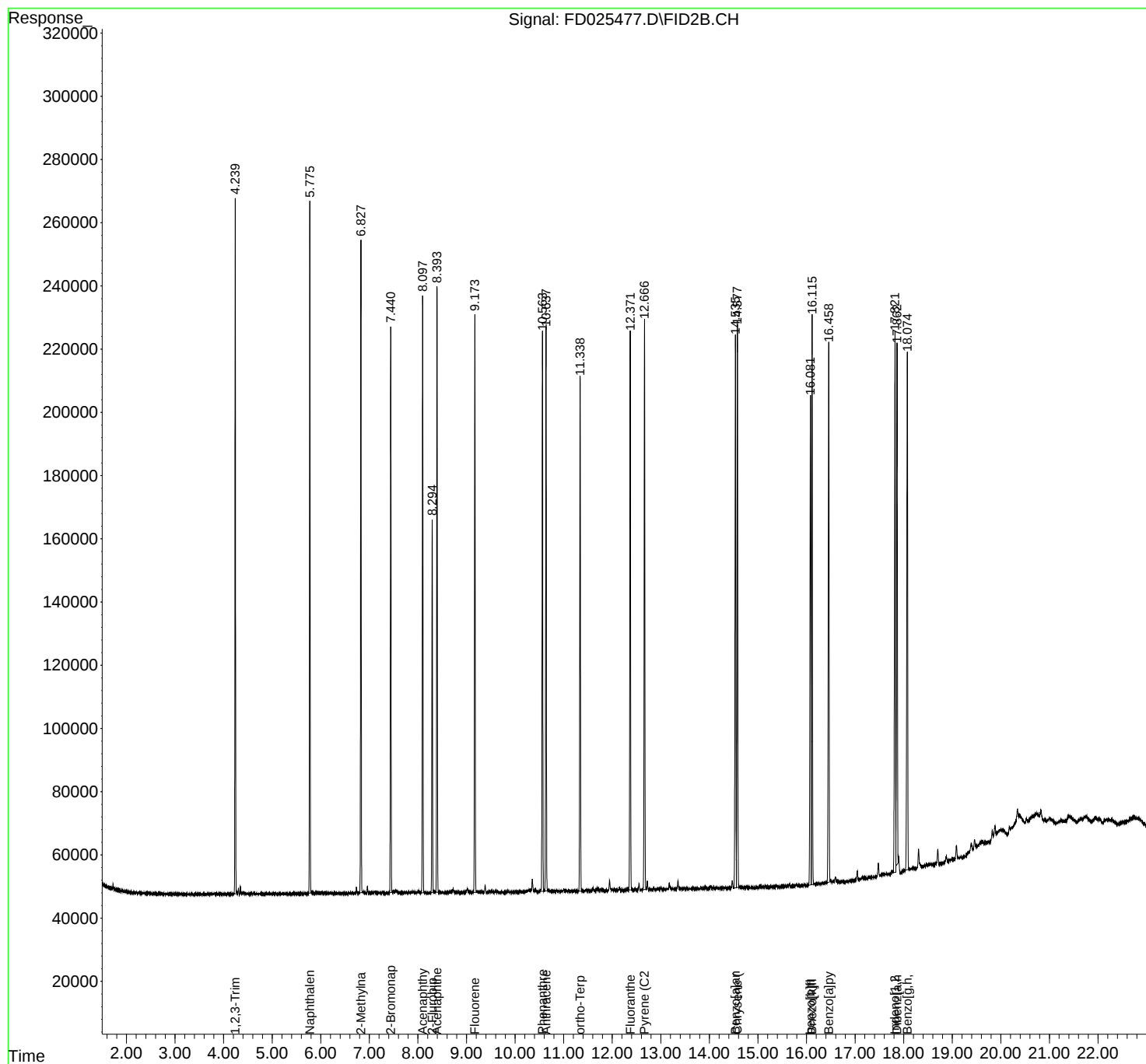
(f)=RT Delta > 1/2 Window

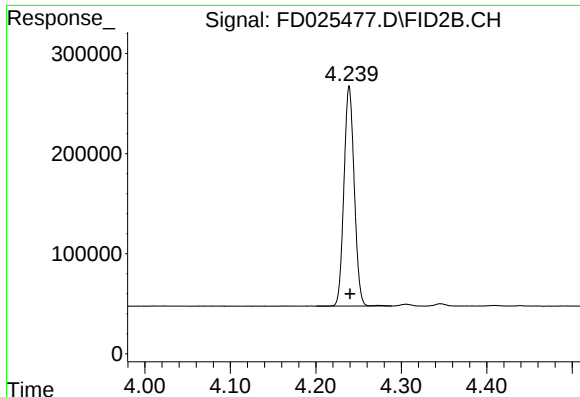
(m)=manual int.

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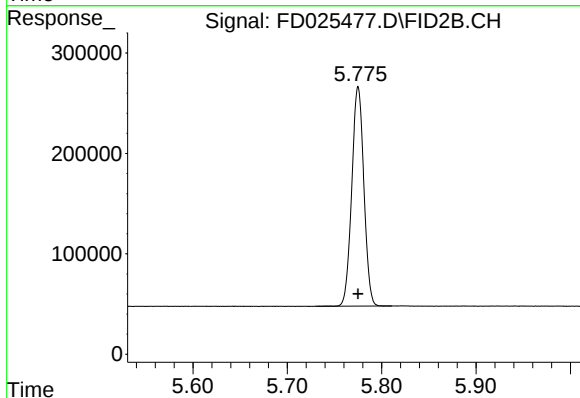
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





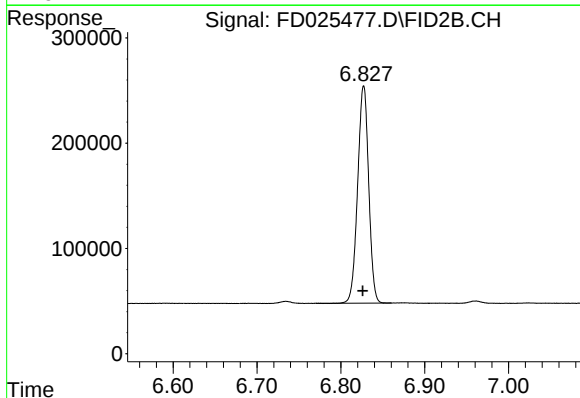
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 1840894
Conc: 23.43 ug/ml



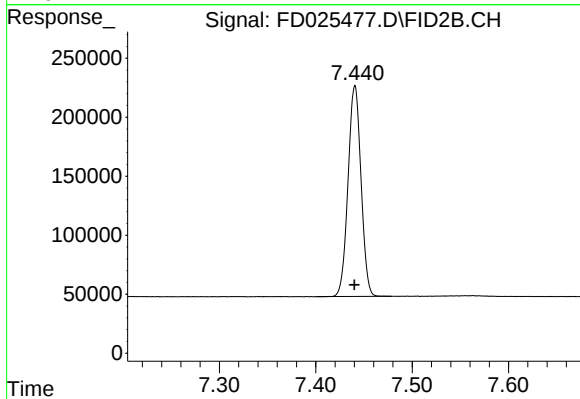
#2 Naphthalene (C11.7)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 1942978
Conc: 22.22 ug/ml



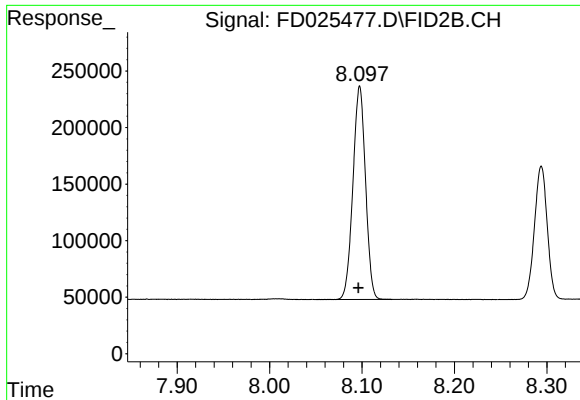
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.827 min
Delta R.T.: 0.001 min
Response: 1886030
Conc: 21.27 ug/ml



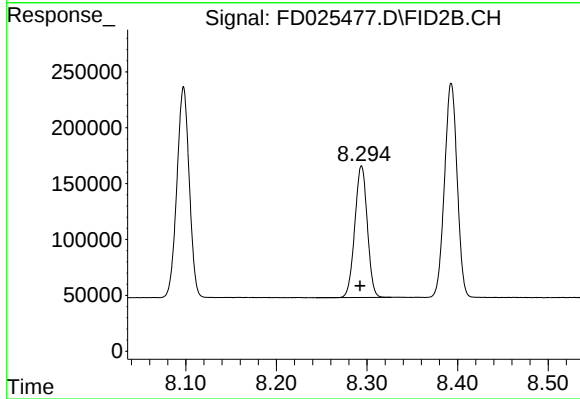
#4 2-Bromonaphthalene (SURR)

R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 1663998
Conc: 20.64 ug/ml



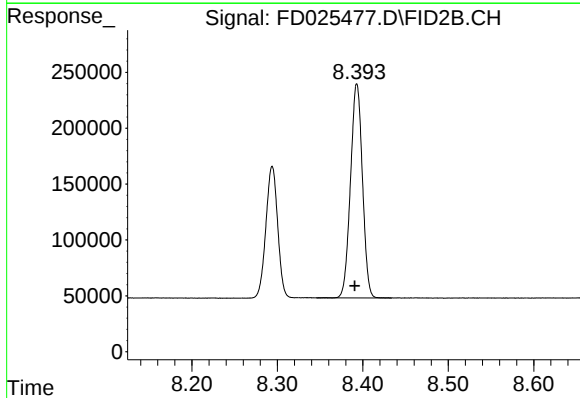
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: 0.002 min
Response: 1786814
Conc: 20.04 ug/ml



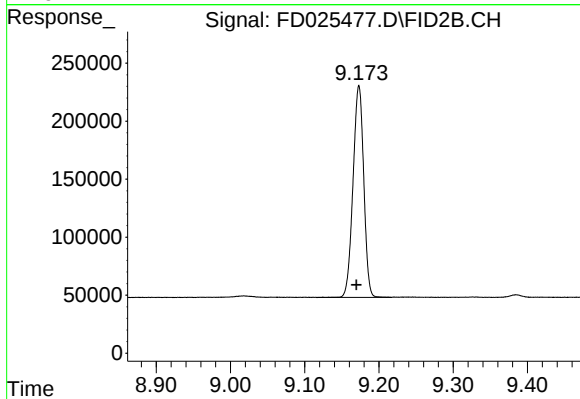
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.294 min
Delta R.T.: 0.002 min
Response: 1126714
Conc: 19.84 ug/ml



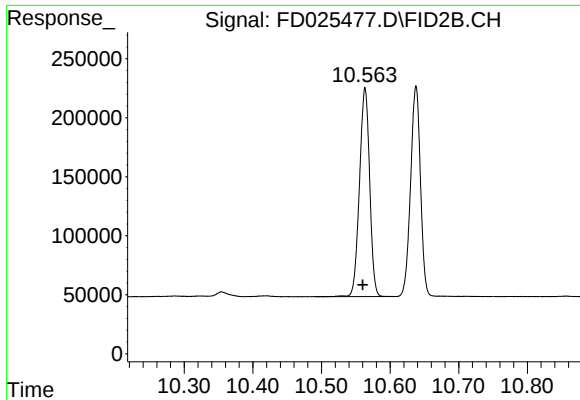
#7 Acenaphthene (C15.5)

R.T.: 8.393 min
Delta R.T.: 0.002 min
Response: 1858430
Conc: 19.87 ug/ml



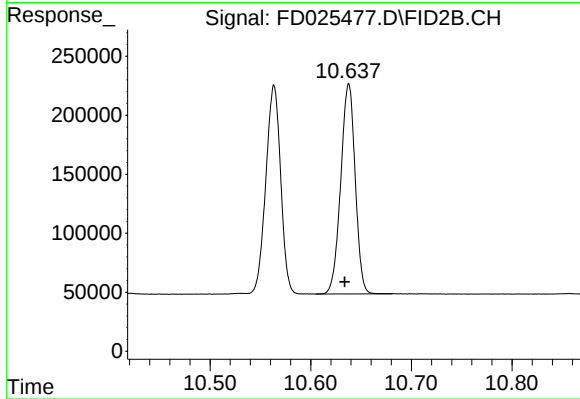
#8 Fluorene (C16.55)

R.T.: 9.173 min
Delta R.T.: 0.003 min
Response: 1827887
Conc: 19.10 ug/ml



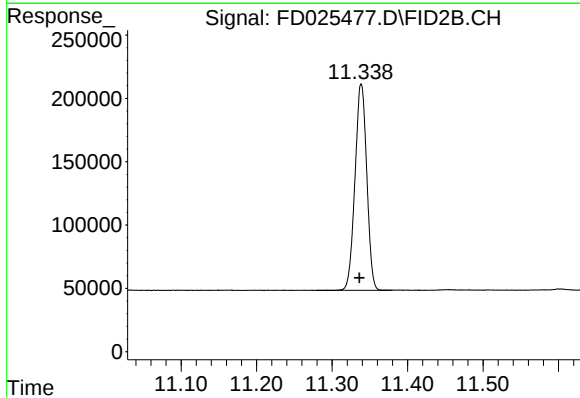
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: 0.003 min
Response: 1816072
Conc: 18.80 ug/ml



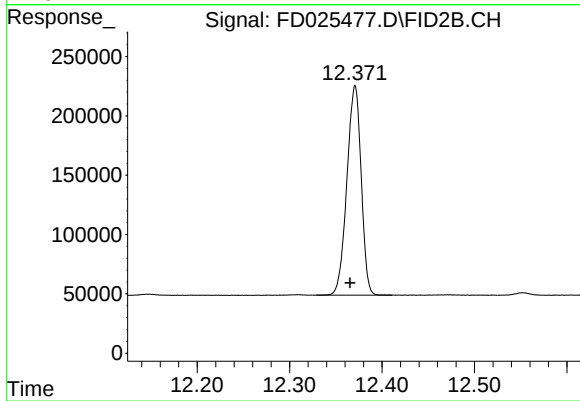
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: 0.004 min
Response: 1778332
Conc: 18.74 ug/ml



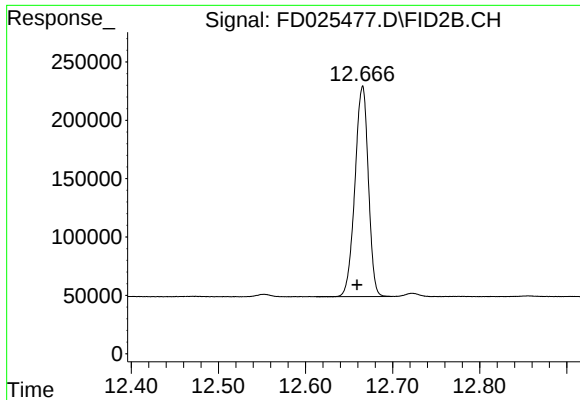
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: 0.003 min
Response: 1761486
Conc: 18.79 ug/ml



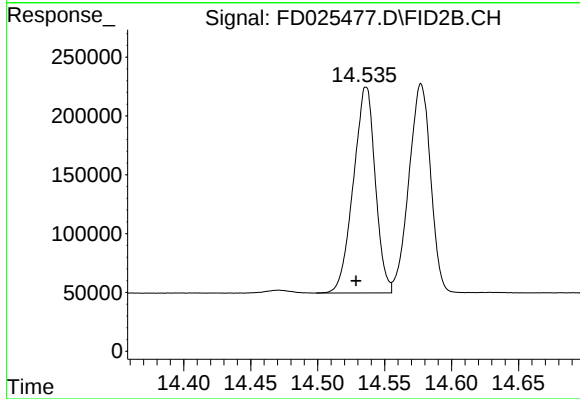
#12 Fluoranthene (C21.85)

R.T.: 12.371 min
Delta R.T.: 0.005 min
Response: 1895603
Conc: 19.76 ug/ml



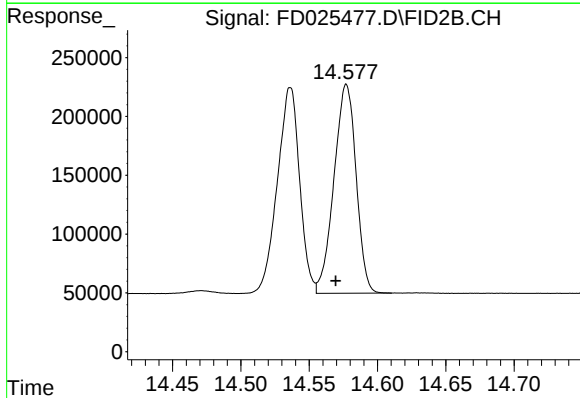
#13 Pyrene (C20.8)

R.T.: 12.666 min
Delta R.T.: 0.006 min
Response: 1927069
Conc: 20.14 ug/ml



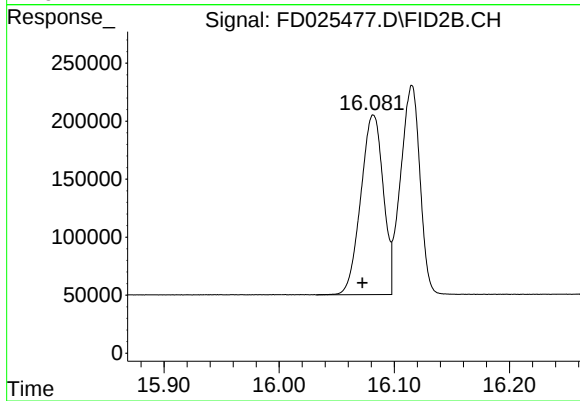
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: 0.008 min
Response: 1990755
Conc: 22.24 ug/ml



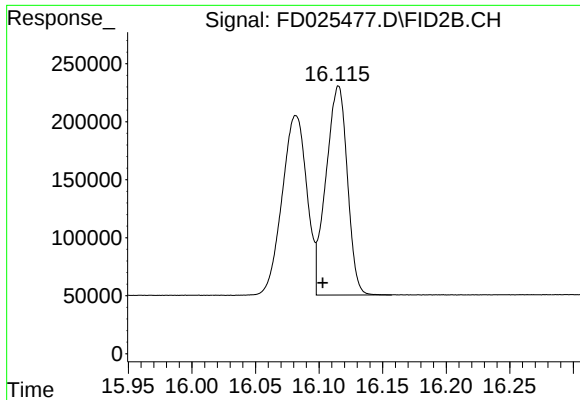
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: 0.008 min
Response: 2001608
Conc: 22.31 ug/ml



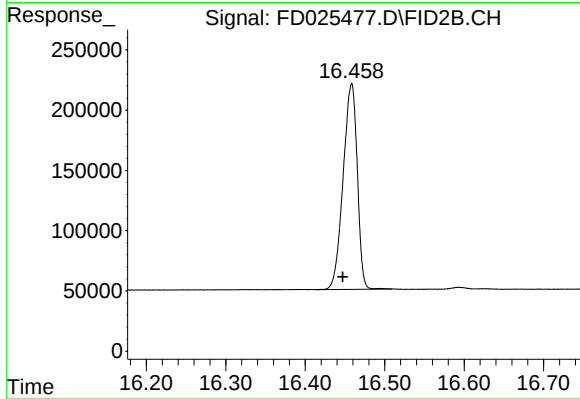
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min
Delta R.T.: 0.010 min
Response: 2098415
Conc: 21.96 ug/ml



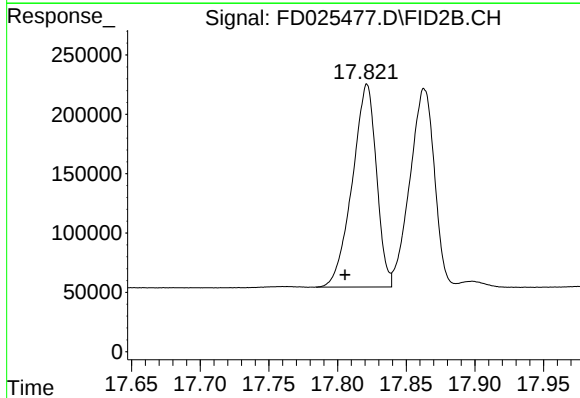
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: 0.012 min
Response: 2112026
Conc: 21.81 ug/ml



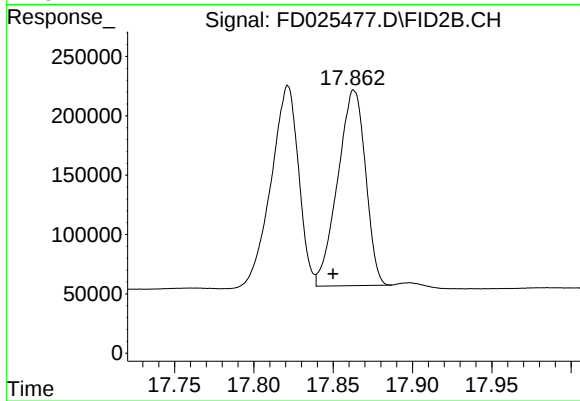
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.011 min
Response: 2107251
Conc: 21.66 ug/ml



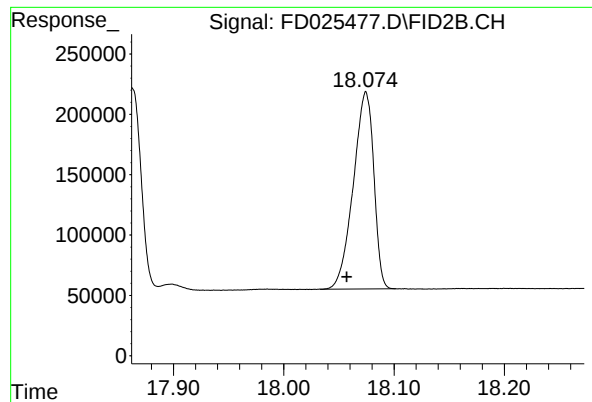
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.016 min
Response: 2091842
Conc: 20.41 ug/ml m



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

R.T.: 17.863 min
Delta R.T.: 0.013 min
Response: 2011377
Conc: 19.97 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.017 min
Response: 2112087
Conc: 20.42 ug/ml m