

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082218AR\
 Data File : FD025464.D
 Signal(s) : FID2B.CH
 Acq On : 22 Aug 2018 12:34
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 22 13:01:16 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...	7.442	1676392	20.795 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
6) S 2-Fluorobiphenyl (SURR)	8.295	1125520	19.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.64%
11) S ortho-Terphenyl (SURR)	11.340	1756575	18.739 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	1854929	23.607 ug/ml
2) T Naphthalene (C11.7)	5.775	1964284	22.459 ug/ml
3) T 2-Methylnaphthalene (...)	6.827	1899737	21.426 ug/ml
5) T Acenaphthylene (C15.06)	8.099	1787742	20.055 ug/ml
7) T Acenaphthene (C15.5)	8.395	1858683	19.871 ug/ml
8) T Flouorene (C16.55)	9.174	1822260	19.043 ug/ml
9) T Phenanthrene (C19.36)	10.565	1825562	18.902 ug/ml
10) T Anthracene (C19.43)	10.639	1791154	18.875 ug/ml
12) T Fluoranthene (C21.85)	12.373	1914871	19.960 ug/ml
13) T Pyrene (C20.8)	12.667	1951083	20.391 ug/ml
14) T Benzo[a]anthracene (C...	14.536	2022766	22.602 ug/ml
15) T Chrysene (C27.41)	14.578	2033587	22.667 ug/ml
16) T benzo[b]fluoranthene ...	16.083	2138387	22.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	2133694	22.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	2140675	22.003 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2063729	20.131 ug/ml
20) T Dibenz[a,h]anthracene...	17.864	2046599	20.317 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	2145456	20.738 ug/ml

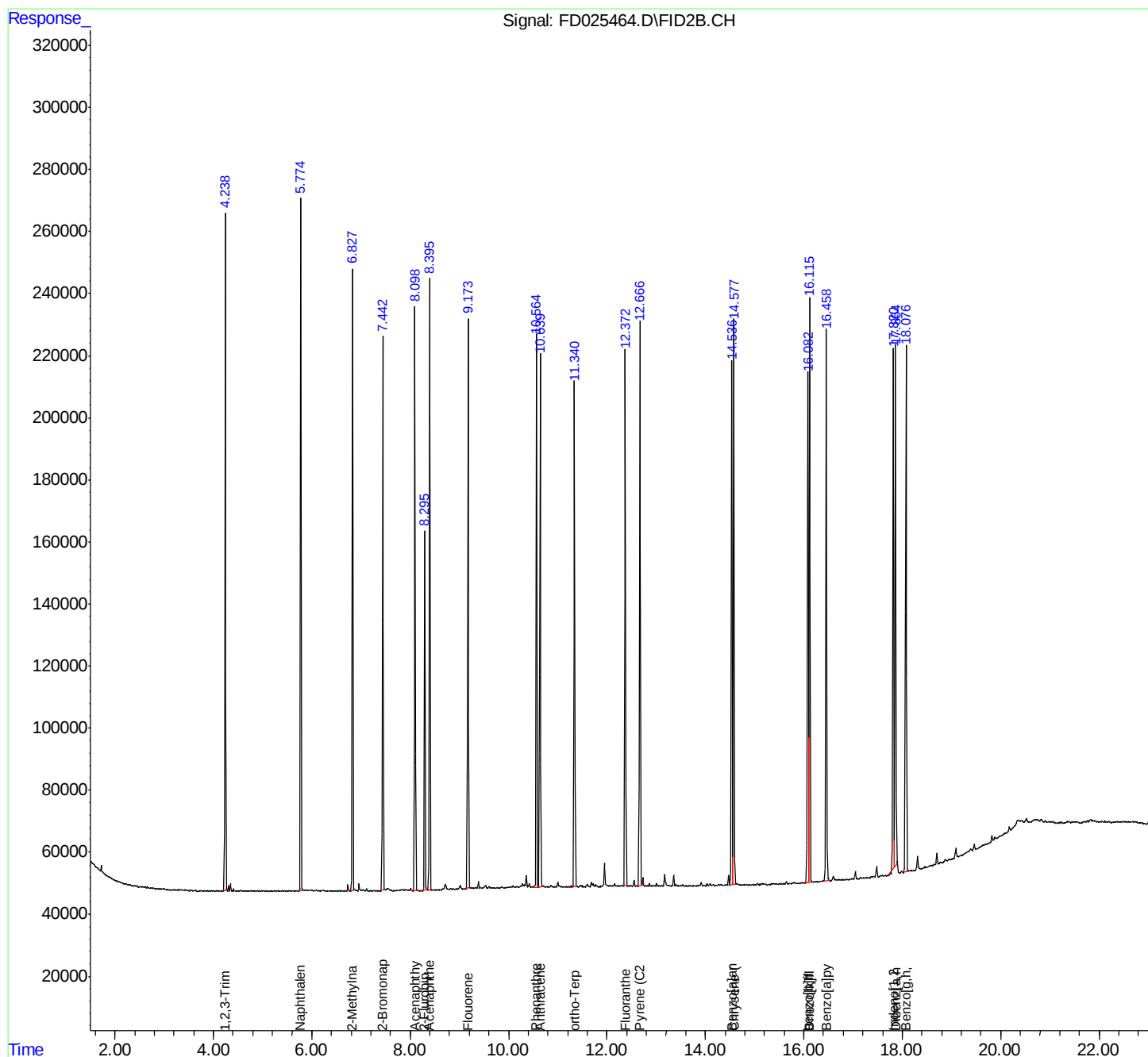
(f)=RT Delta > 1/2 Window

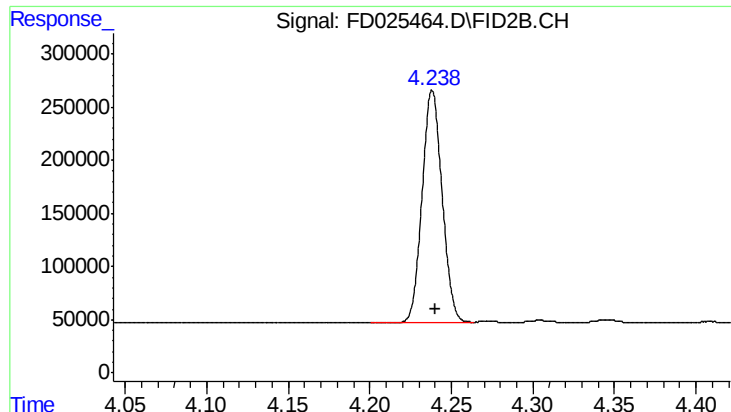
(m)=manual int.

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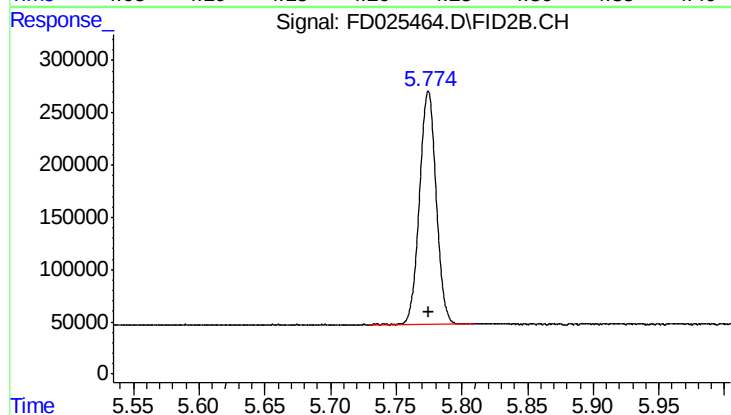
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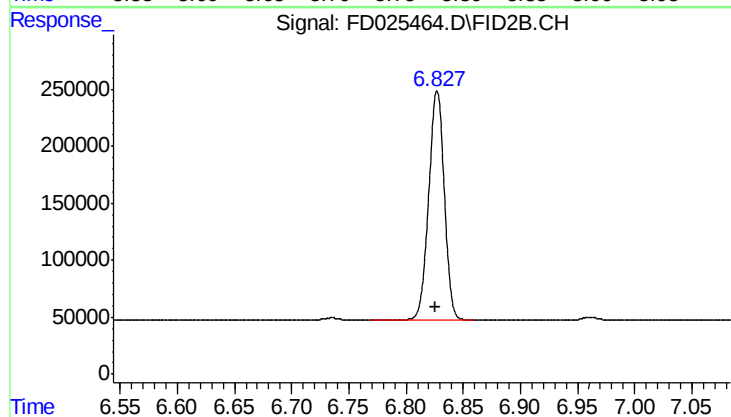
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 1854929
Conc: 23.61 ug/ml



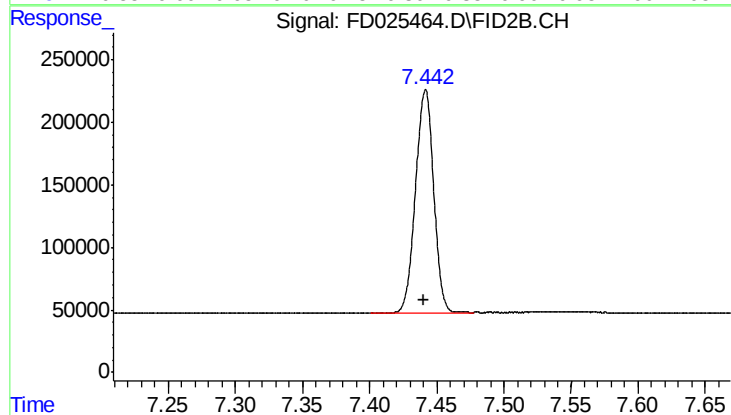
#2 Naphthalene (C11.7)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 1964284
Conc: 22.46 ug/ml



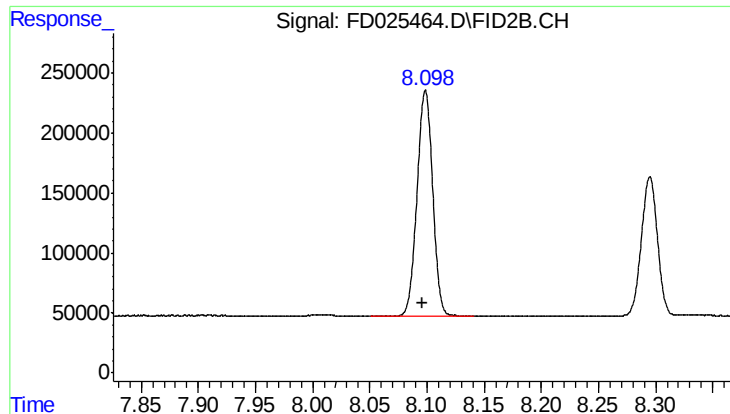
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.827 min
Delta R.T.: 0.001 min
Response: 1899737
Conc: 21.43 ug/ml



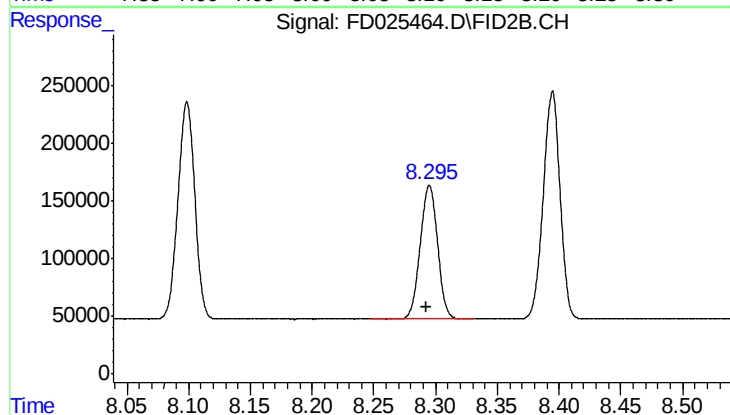
#4 2-Bromonaphthalene (SURR)

R.T.: 7.442 min
Delta R.T.: 0.001 min
Response: 1676392
Conc: 20.80 ug/ml



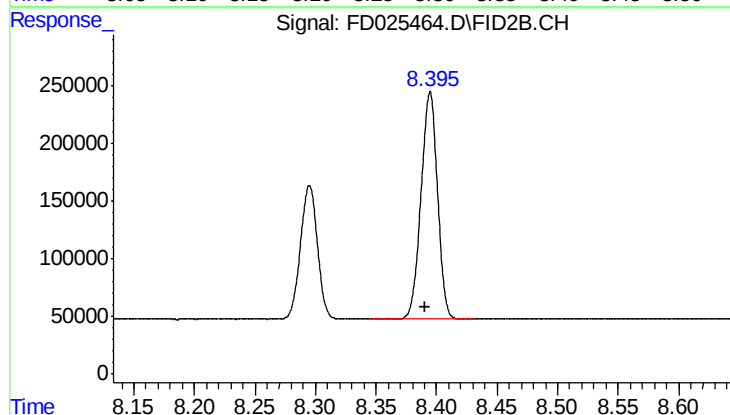
#5 Acenaphthylene (C15.06)

R.T.: 8.099 min
Delta R.T.: 0.003 min
Response: 1787742
Conc: 20.06 ug/ml



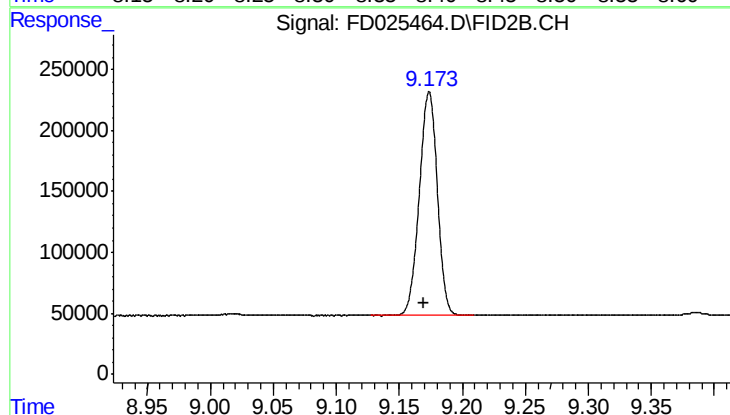
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.295 min
Delta R.T.: 0.003 min
Response: 1125520
Conc: 19.82 ug/ml



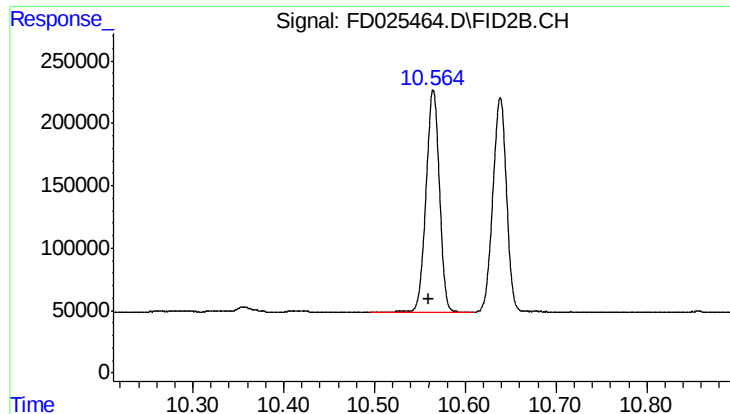
#7 Acenaphthene (C15.5)

R.T.: 8.395 min
Delta R.T.: 0.004 min
Response: 1858683
Conc: 19.87 ug/ml



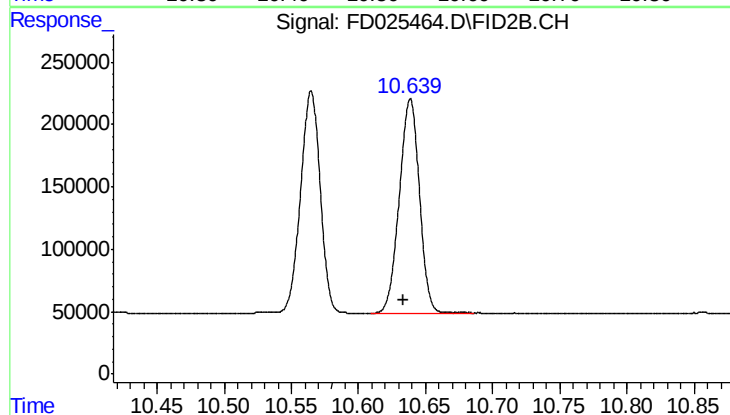
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: 0.004 min
Response: 1822260
Conc: 19.04 ug/ml



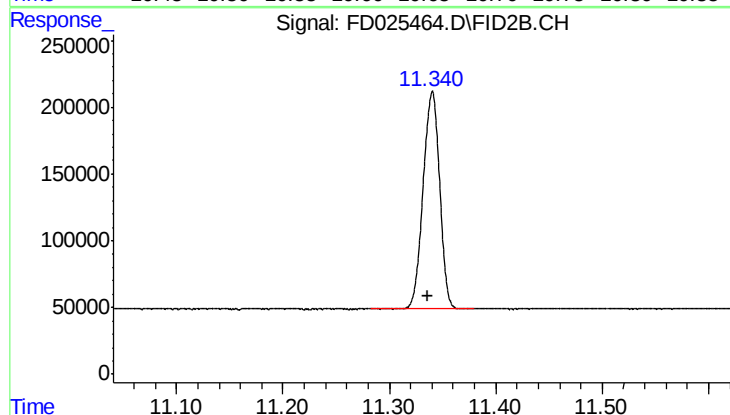
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: 0.005 min
Response: 1825562
Conc: 18.90 ug/ml



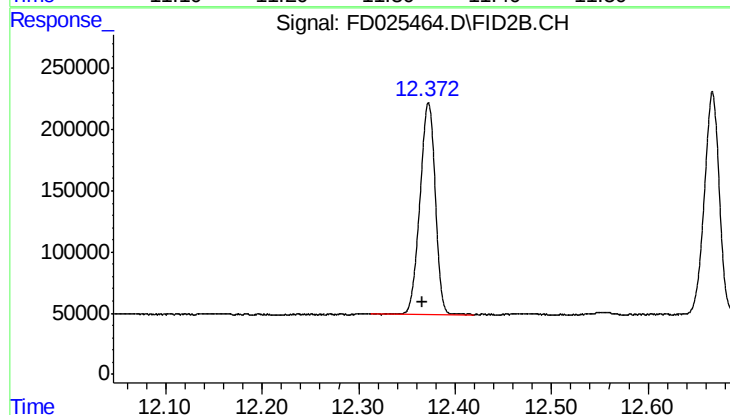
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: 0.005 min
Response: 1791154
Conc: 18.88 ug/ml



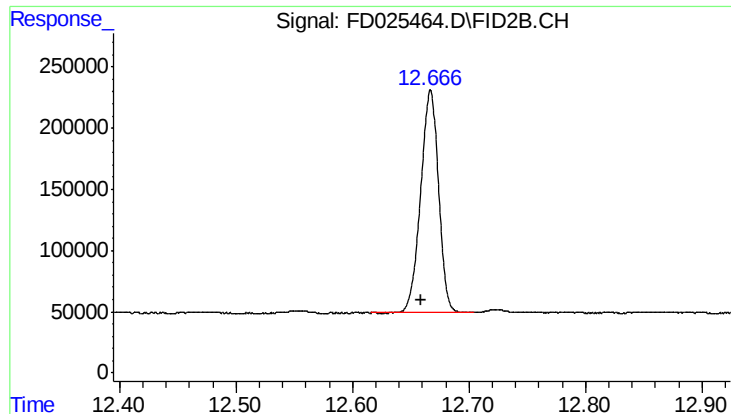
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: 0.004 min
Response: 1756575
Conc: 18.74 ug/ml



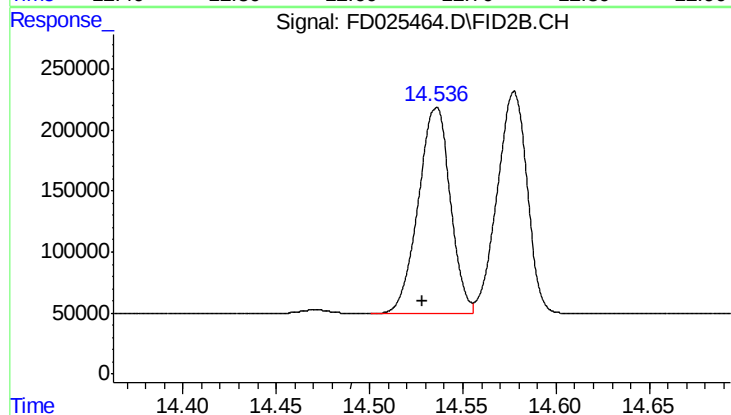
#12 Fluoranthene (C21.85)

R.T.: 12.373 min
Delta R.T.: 0.007 min
Response: 1914871
Conc: 19.96 ug/ml



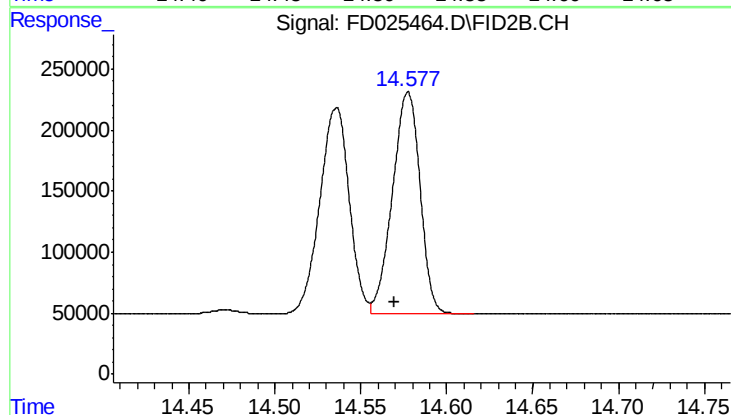
#13 Pyrene (C20.8)

R.T.: 12.667 min
Delta R.T.: 0.008 min
Response: 1951083
Conc: 20.39 ug/ml



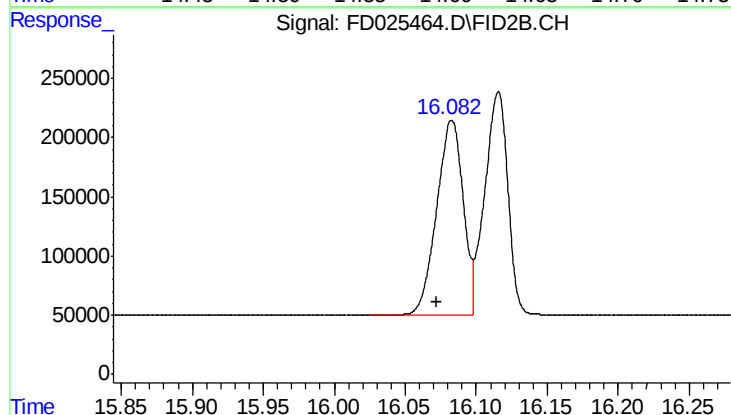
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: 0.007 min
Response: 2022766
Conc: 22.60 ug/ml



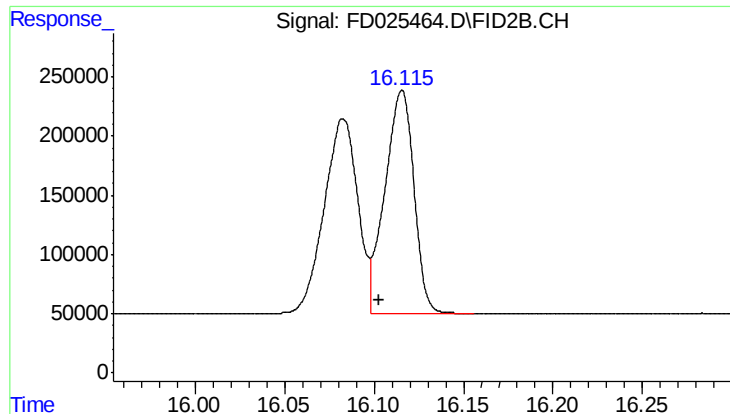
#15 Chrysene (C27.41)

R.T.: 14.578 min
Delta R.T.: 0.008 min
Response: 2033587
Conc: 22.67 ug/ml



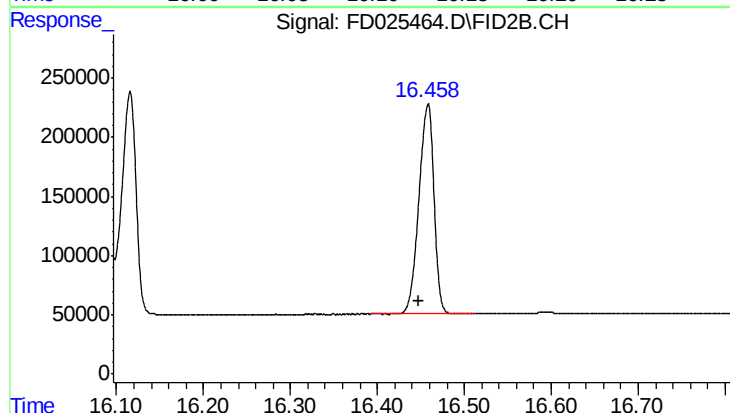
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: 0.011 min
Response: 2138387
Conc: 22.38 ug/ml



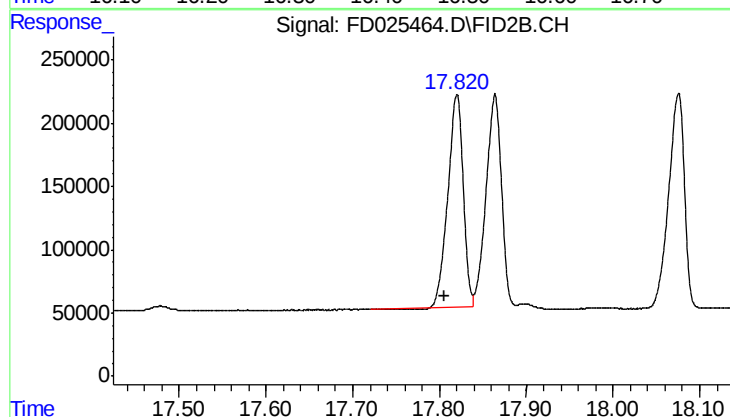
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.116 min
Delta R.T.: 0.013 min
Response: 2133694
Conc: 22.03 ug/ml



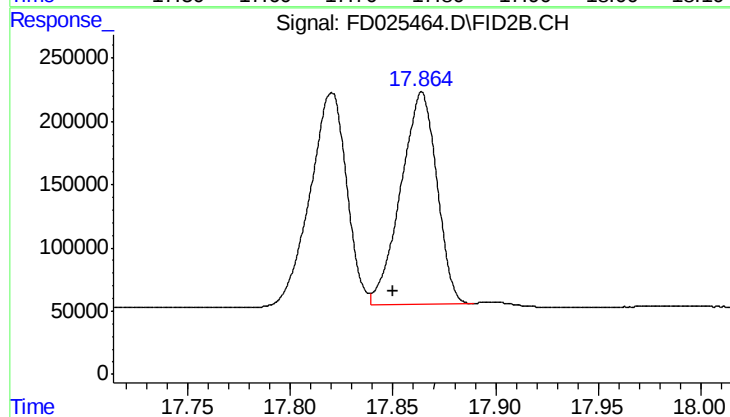
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.011 min
Response: 2140675
Conc: 22.00 ug/ml



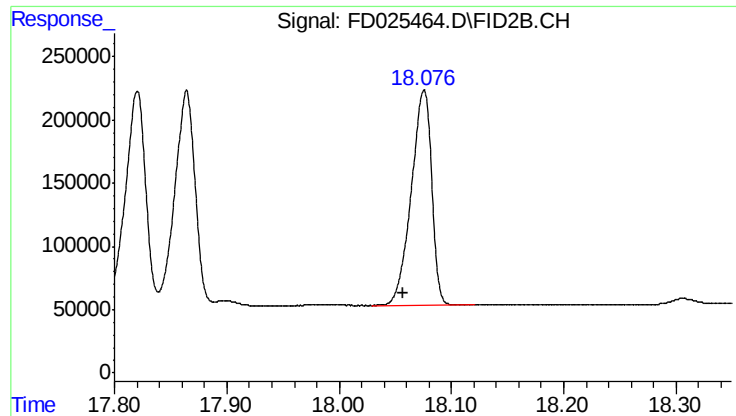
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.015 min
Response: 2063729
Conc: 20.13 ug/ml



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

R.T.: 17.864 min
Delta R.T.: 0.014 min
Response: 2046599
Conc: 20.32 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.018 min
Response: 2145456
Conc: 20.74 ug/ml