

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025429.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 22:27
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 04:24:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.435	1529499	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
6) S 2-Fluorobiphenyl (SURR)	8.288	1072988	19.955 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.91%
11) S ortho-Terphenyl (SURR)	11.333	1754592	20.675 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1577885	20.203 ug/ml
2) T Naphthalene (C11.7)	5.770	1737516	20.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	1723902	20.050 ug/ml
5) T Acenaphthylene (C15.06)	8.092	1692267	19.924 ug/ml
7) T Acenaphthene (C15.5)	8.388	1768075	19.858 ug/ml
8) T Flouorene (C16.55)	9.167	1765982	19.829 ug/ml
9) T Phenanthrene (C19.36)	10.558	1821621	20.339 ug/ml
10) T Anthracene (C19.43)	10.632	1790050	20.328 ug/ml
12) T Fluoranthene (C21.85)	12.365	1929630	21.963 ug/ml
13) T Pyrene (C20.8)	12.659	1947684	22.163 ug/ml
14) T Benzo[a]anthracene (C...	14.528	1949722	23.377 ug/ml
15) T Chrysene (C27.41)	14.571	1959273	23.258 ug/ml
16) T benzo[b]fluoranthene ...	16.075	2014439	22.390 ug/ml
17) T Bnezo[k]fluoranthene ...	16.107	2015645	22.388 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	2004362	21.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	1971082	20.892 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	1960104	21.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	1994854	20.592 ug/ml

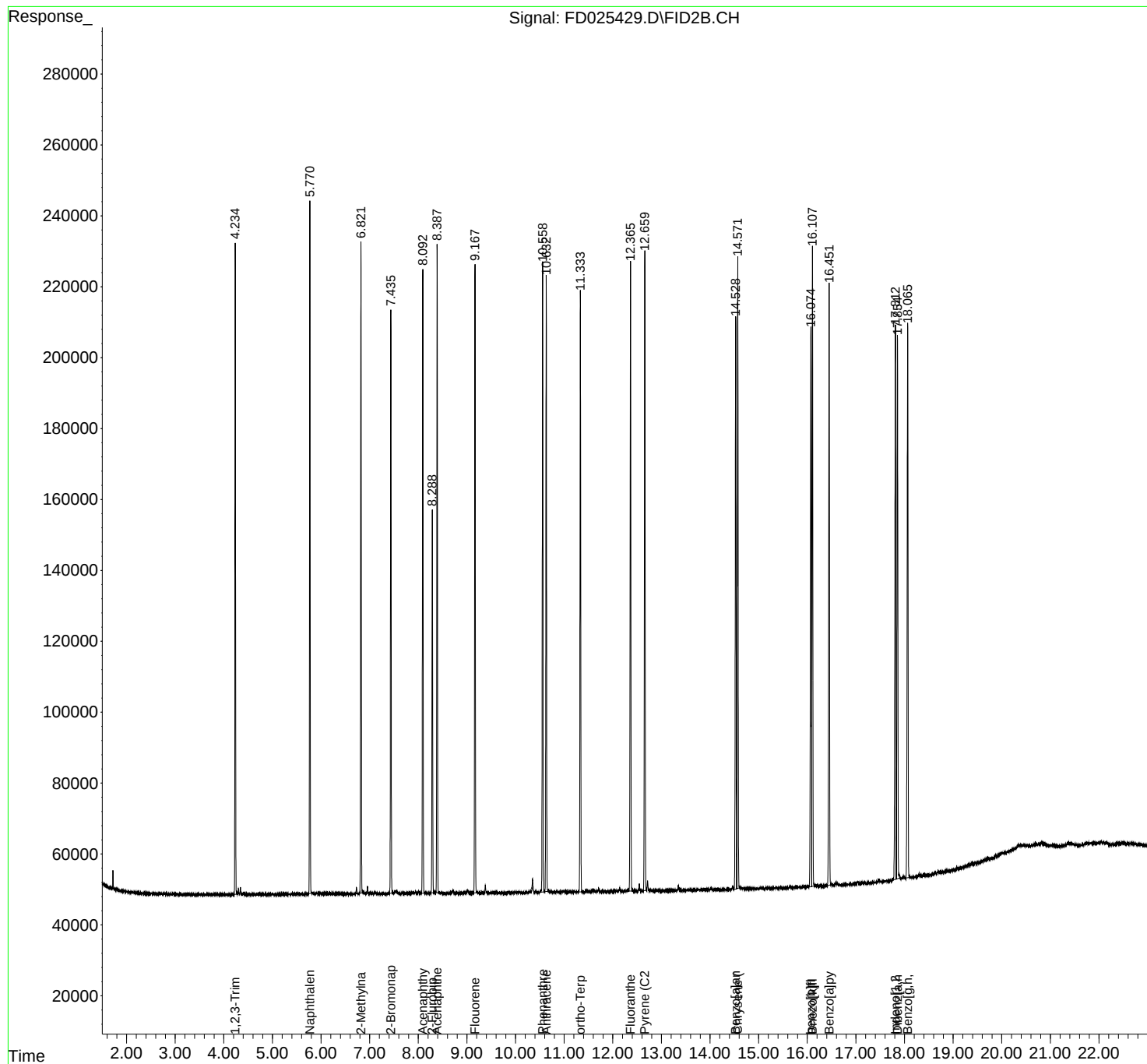
(f)=RT Delta > 1/2 Window

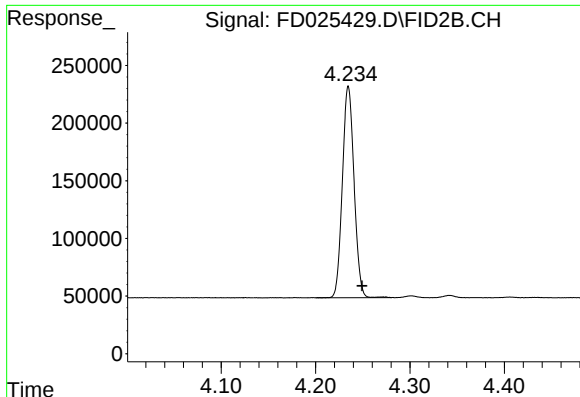
(m)=manual int.

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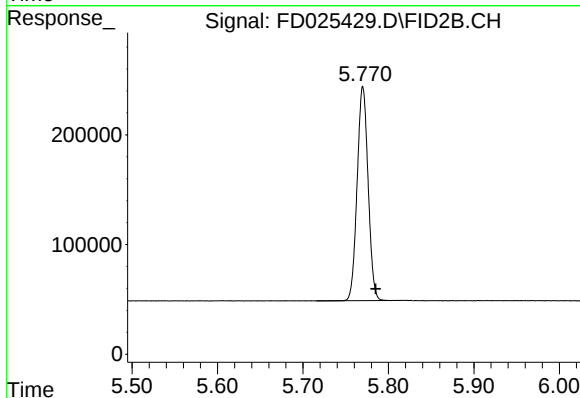
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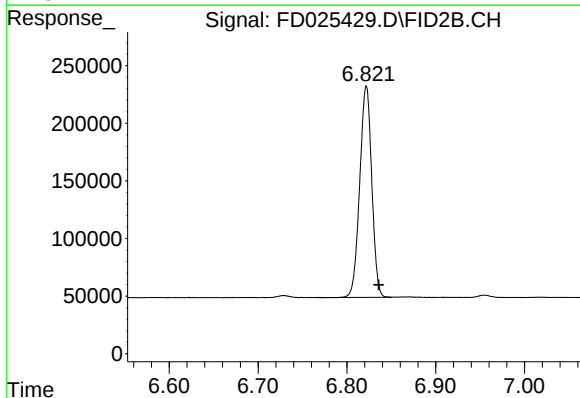
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.015 min
Response: 1577885
Conc: 20.20 ug/ml



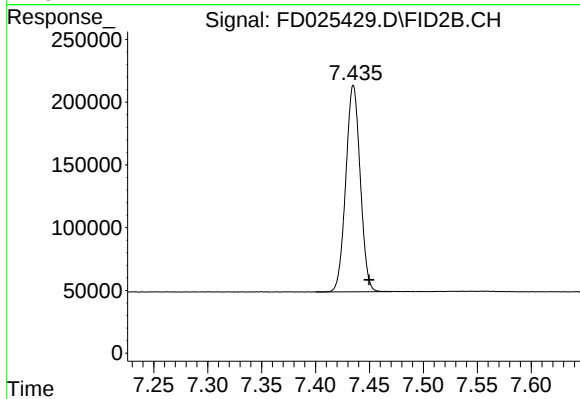
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.015 min
Response: 1737516
Conc: 20.17 ug/ml



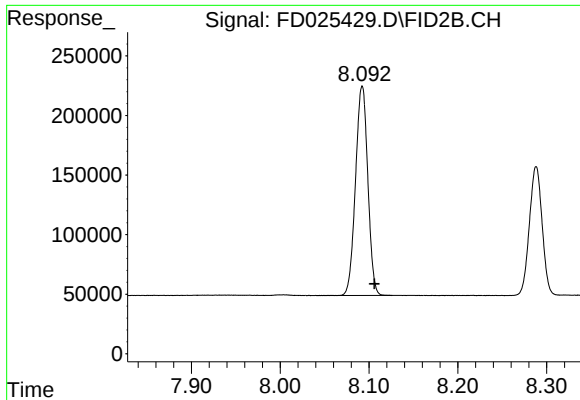
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.014 min
Response: 1723902
Conc: 20.05 ug/ml



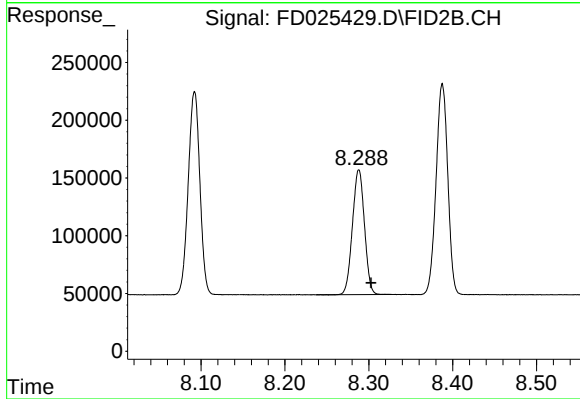
#4 2-Bromonaphthalene (SURR)

R.T.: 7.435 min
Delta R.T.: -0.014 min
Response: 1529499
Conc: 19.81 ug/ml



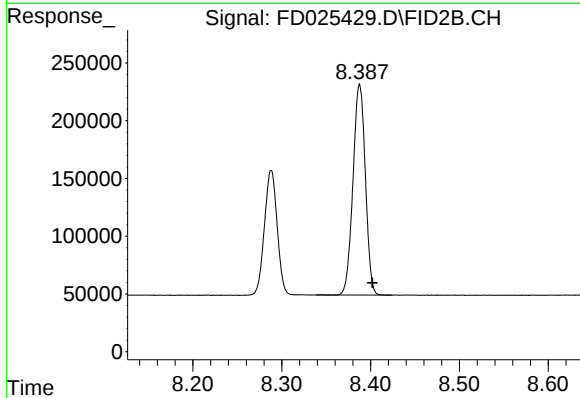
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.014 min
Response: 1692267
Conc: 19.92 ug/ml



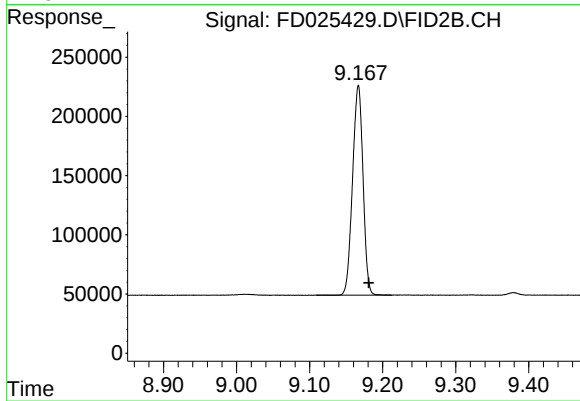
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.015 min
Response: 1072988
Conc: 19.96 ug/ml



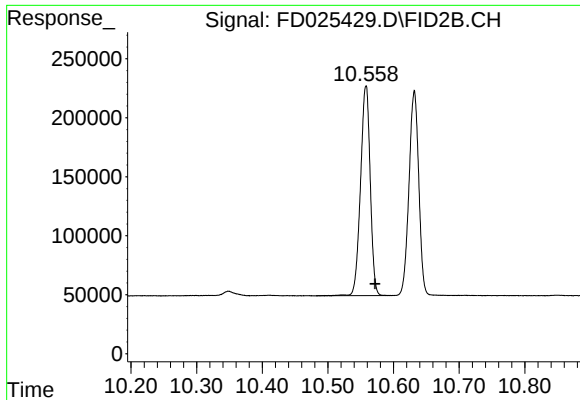
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.014 min
Response: 1768075
Conc: 19.86 ug/ml



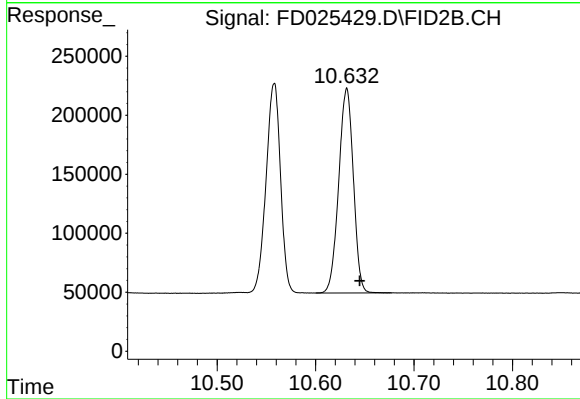
#8 Fluorene (C16.55)

R.T.: 9.167 min
Delta R.T.: -0.014 min
Response: 1765982
Conc: 19.83 ug/ml



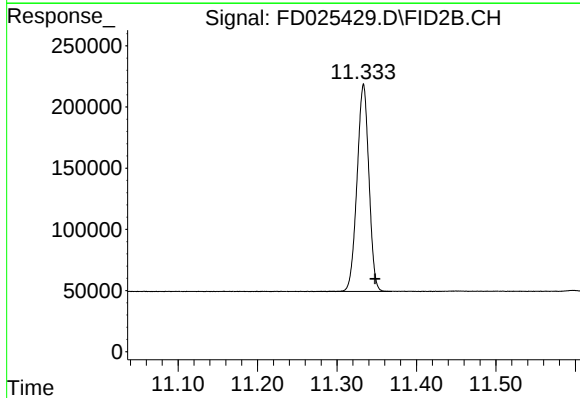
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.014 min
Response: 1821621
Conc: 20.34 ug/ml



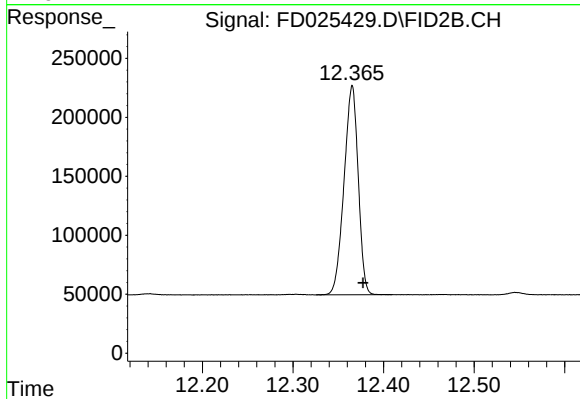
#10 Anthracene (C19.43)

R.T.: 10.632 min
Delta R.T.: -0.013 min
Response: 1790050
Conc: 20.33 ug/ml



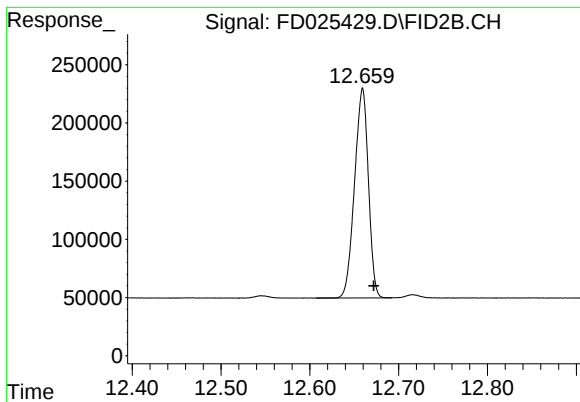
#11 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: -0.014 min
Response: 1754592
Conc: 20.68 ug/ml



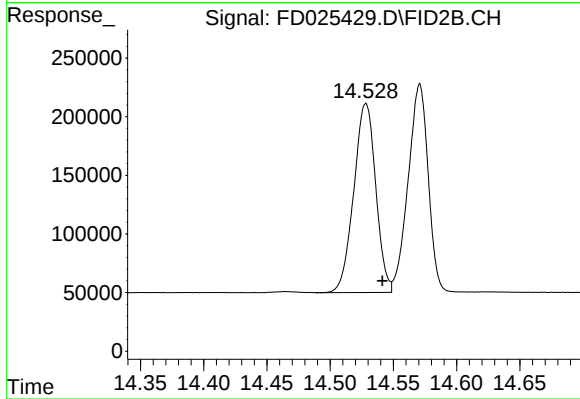
#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: -0.012 min
Response: 1929630
Conc: 21.96 ug/ml



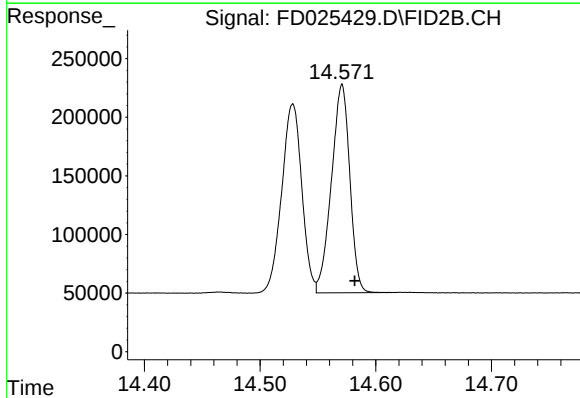
#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: -0.013 min
Response: 1947684
Conc: 22.16 ug/ml



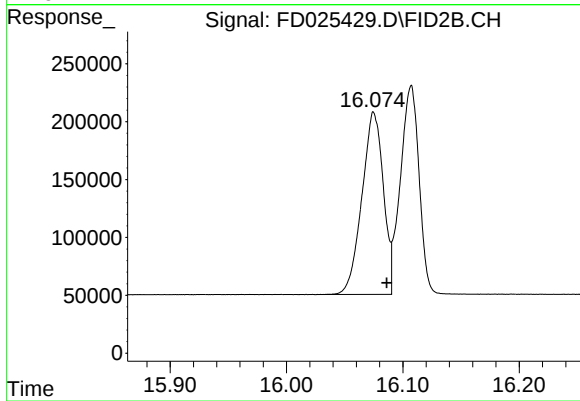
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: -0.013 min
Response: 1949722
Conc: 23.38 ug/ml



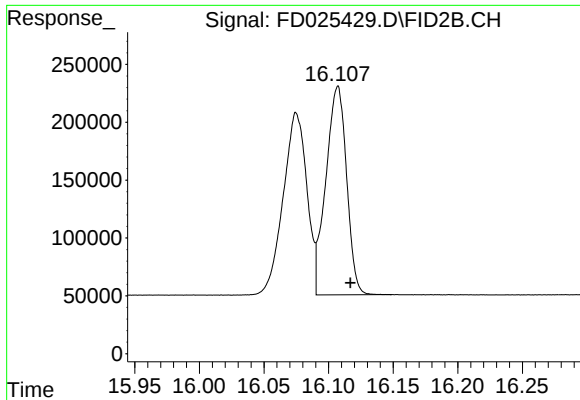
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: -0.011 min
Response: 1959273
Conc: 23.26 ug/ml



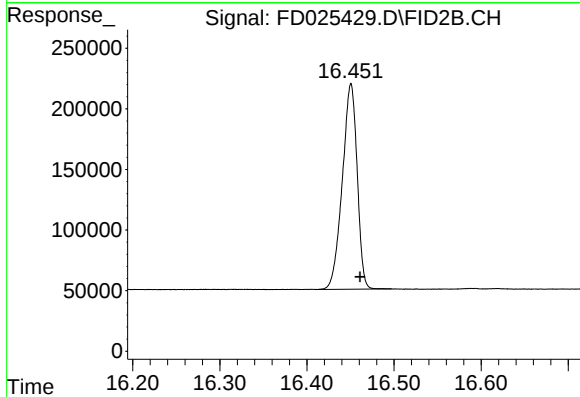
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.075 min
Delta R.T.: -0.011 min
Response: 2014439
Conc: 22.39 ug/ml



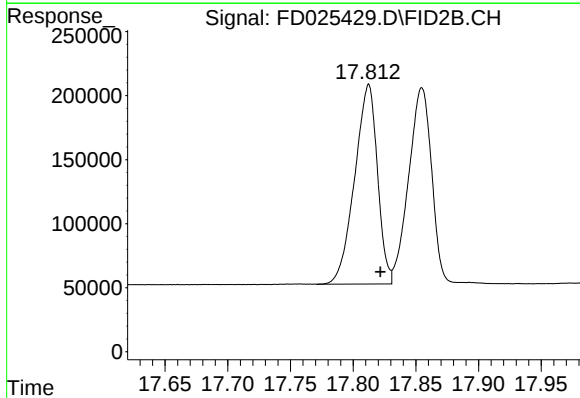
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.107 min
Delta R.T.: -0.010 min
Response: 2015645
Conc: 22.39 ug/ml



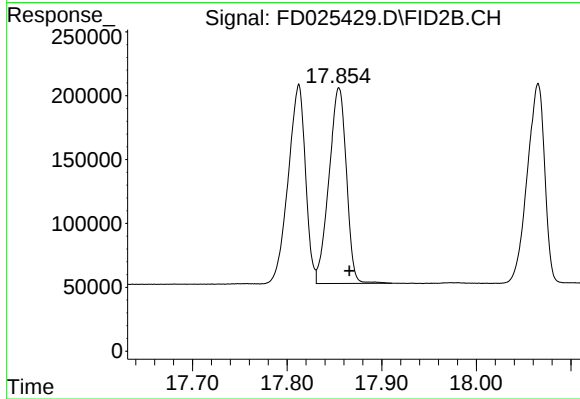
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: -0.010 min
Response: 2004362
Conc: 21.78 ug/ml



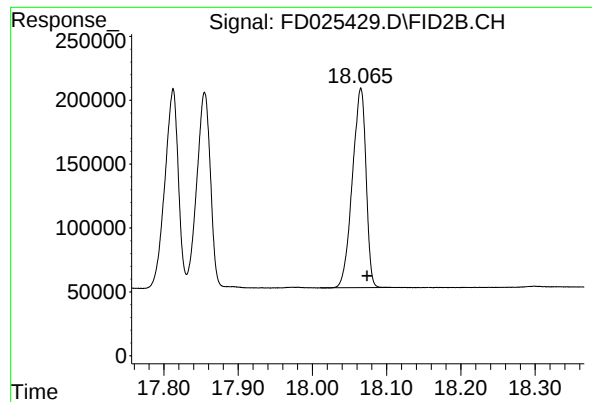
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: -0.009 min
Response: 1971082
Conc: 20.89 ug/ml



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

R.T.: 17.855 min
Delta R.T.: -0.011 min
Response: 1960104
Conc: 21.42 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.008 min
Response: 1994854
Conc: 20.59 ug/ml