

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025389.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2018 15:27
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 23:56:23 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...	7.436	1522530	19.723 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.288	1076582	20.022 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.04%
11) S ortho-Terphenyl (SURR)	11.331	1754668	20.676 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	1520942	19.473 ug/ml
2) T Naphthalene (C11.7)	5.770	1701134	19.746 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	1706827	19.851 ug/ml
5) T Acenaphthylene (C15.06)	8.092	1698573	19.998 ug/ml
7) T Acenaphthene (C15.5)	8.388	1781822	20.012 ug/ml
8) T Flouorene (C16.55)	9.166	1776954	19.952 ug/ml
9) T Phenanthrene (C19.36)	10.556	1815601	20.271 ug/ml
10) T Anthracene (C19.43)	10.630	1775128	20.159 ug/ml
12) T Fluoranthene (C21.85)	12.362	1897413	21.596 ug/ml
13) T Pyrene (C20.8)	12.656	1918446	21.831 ug/ml
14) T Benzo[a]anthracene (C...	14.525	1921677	23.041 ug/ml
15) T Chrysene (C27.41)	14.566	1939100	23.018 ug/ml
16) T benzo[b]fluoranthene ...	16.072	2013210	22.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	2019136	22.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.447	1997045	21.696 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	1935961	20.520 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	1849814	20.214 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	2016035	20.811 ug/ml

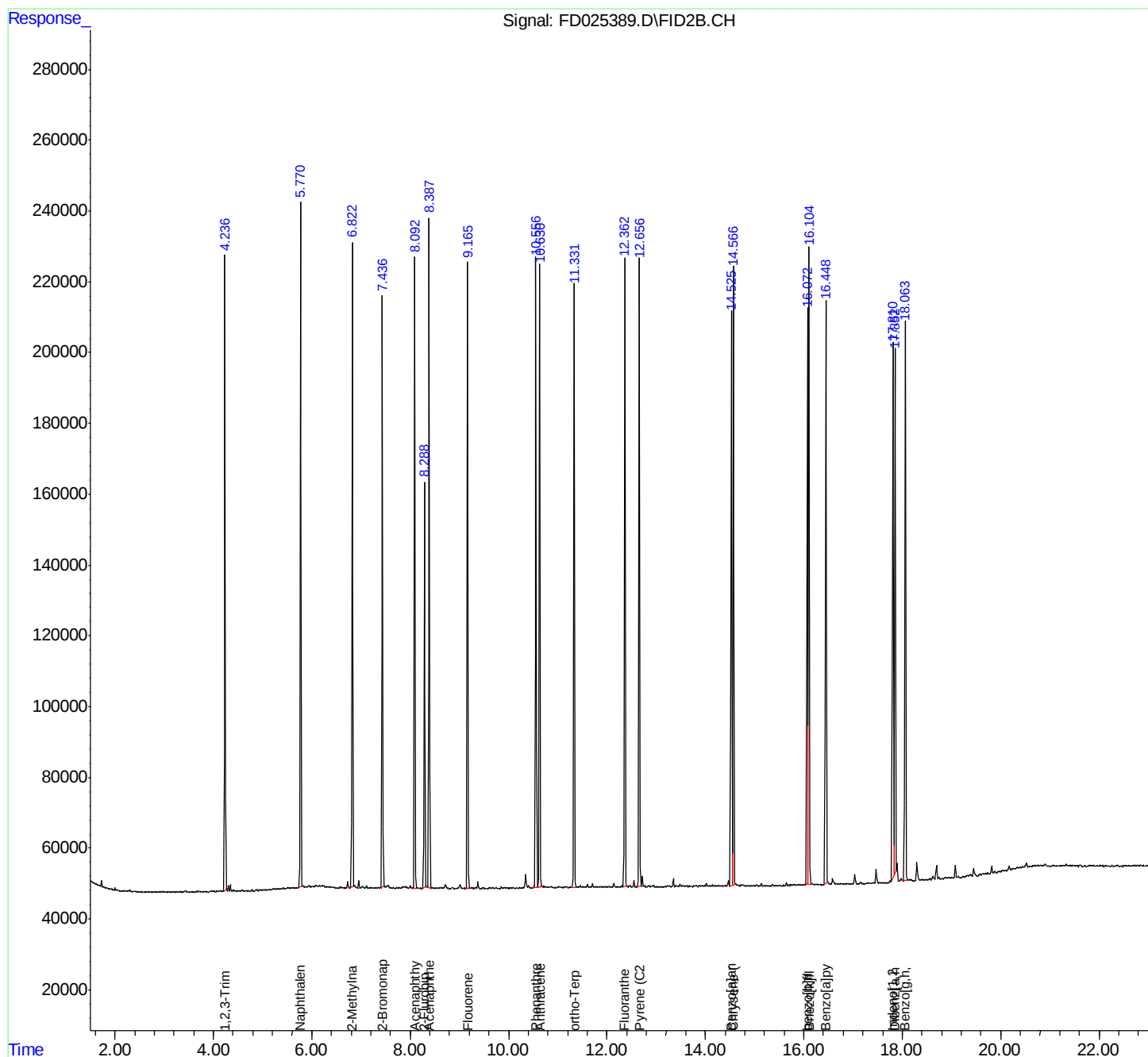
(f)=RT Delta > 1/2 Window

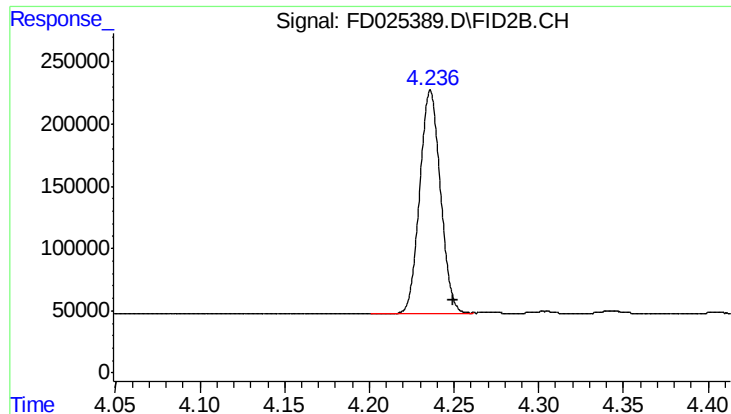
(m)=manual int.

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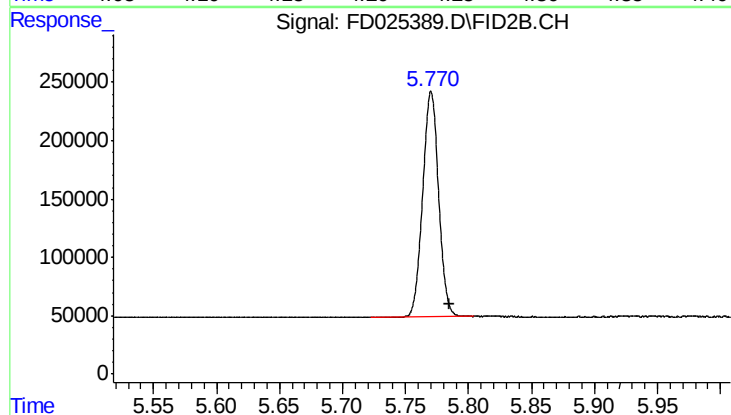
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Signal Info : 20M x 0.18mm x 0.18µm





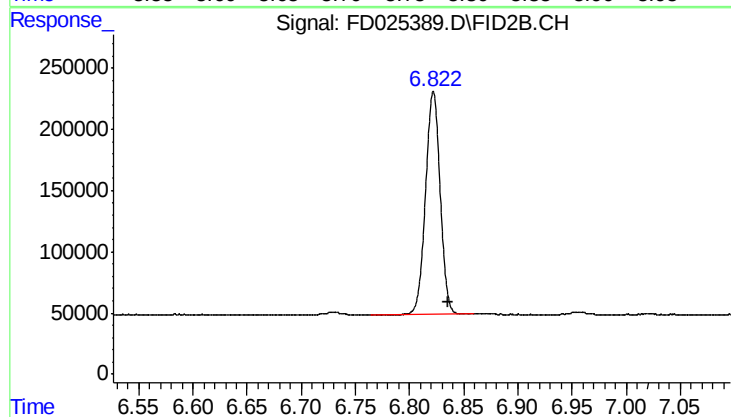
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 1520942
Conc: 19.47 ug/ml



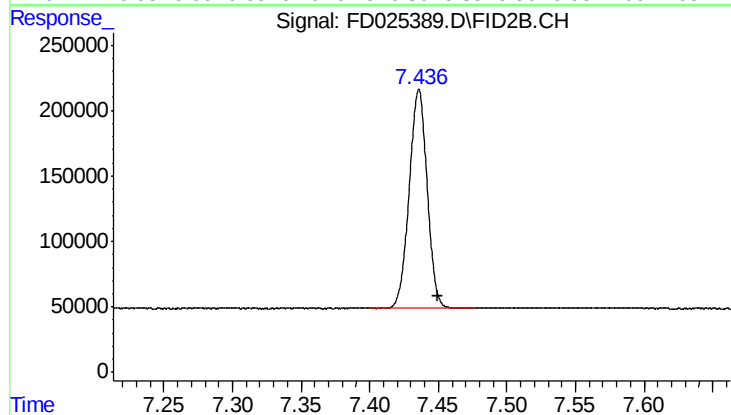
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.015 min
Response: 1701134
Conc: 19.75 ug/ml



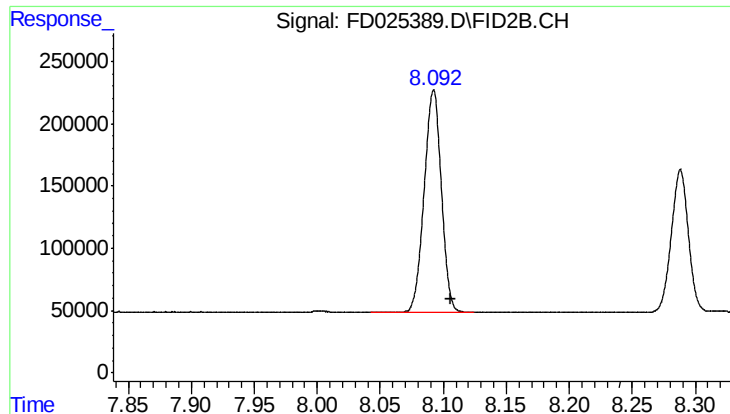
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.014 min
Response: 1706827
Conc: 19.85 ug/ml



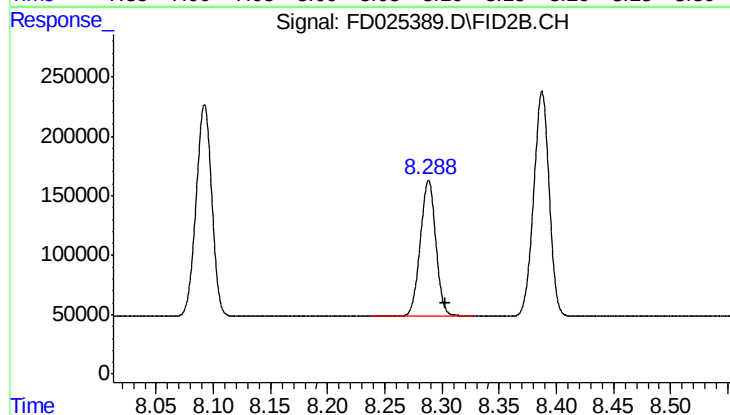
#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.014 min
Response: 1522530
Conc: 19.72 ug/ml



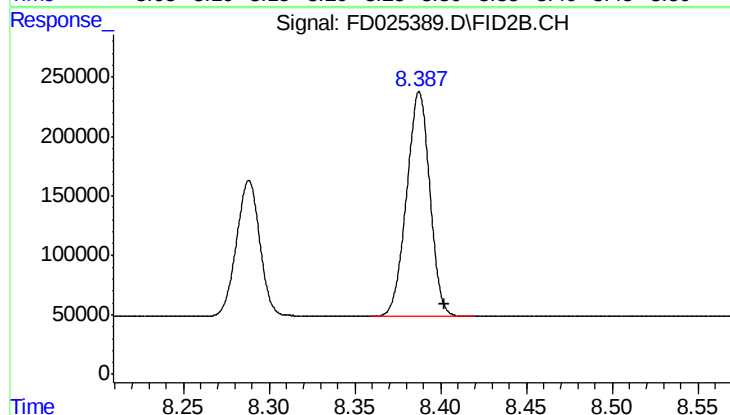
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.014 min
Response: 1698573
Conc: 20.00 ug/ml



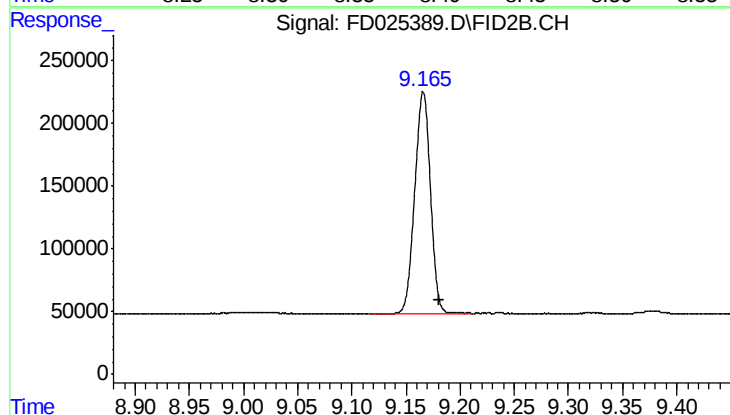
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.014 min
Response: 1076582
Conc: 20.02 ug/ml



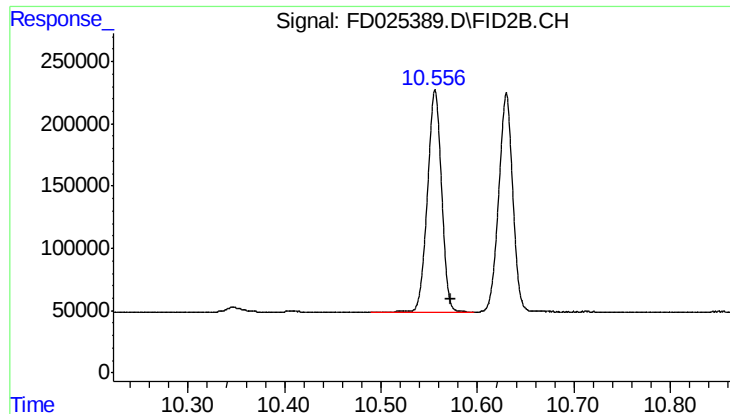
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.015 min
Response: 1781822
Conc: 20.01 ug/ml



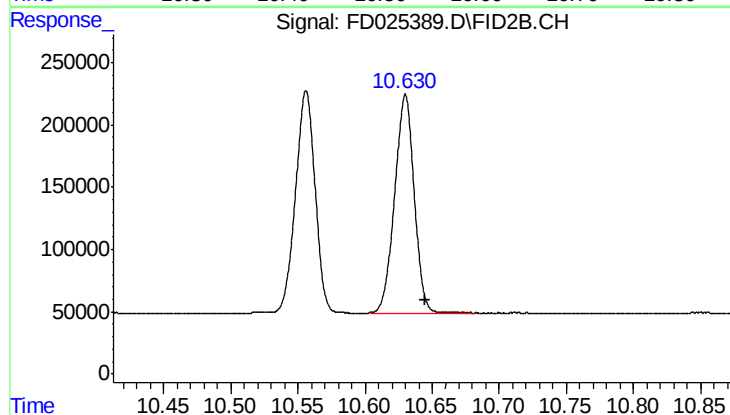
#8 Fluorene (C16.55)

R.T.: 9.166 min
Delta R.T.: -0.015 min
Response: 1776954
Conc: 19.95 ug/ml



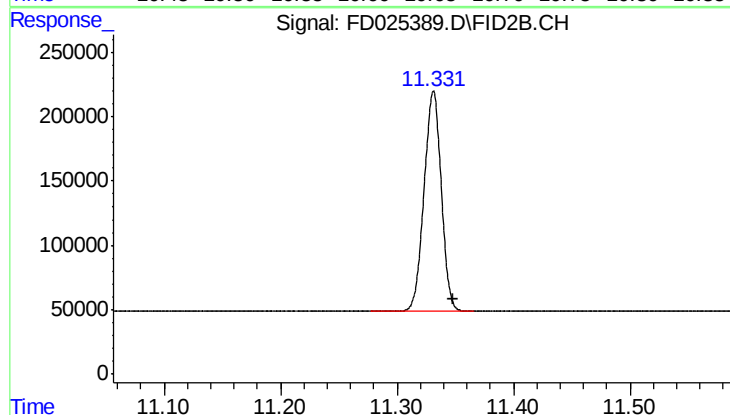
#9 Phenanthrene (C19.36)

R.T.: 10.556 min
Delta R.T.: -0.016 min
Response: 1815601
Conc: 20.27 ug/ml



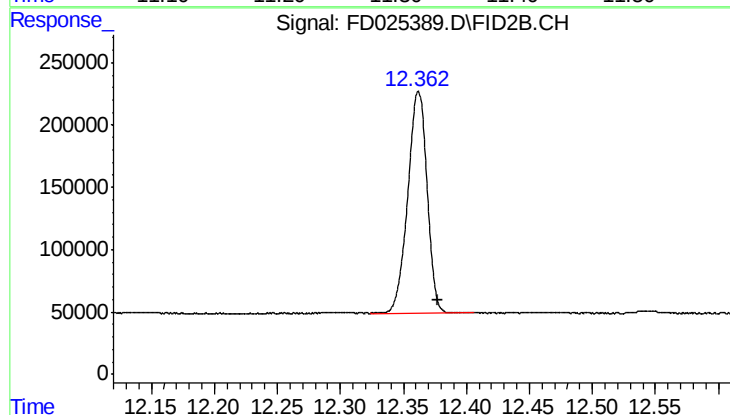
#10 Anthracene (C19.43)

R.T.: 10.630 min
Delta R.T.: -0.015 min
Response: 1775128
Conc: 20.16 ug/ml



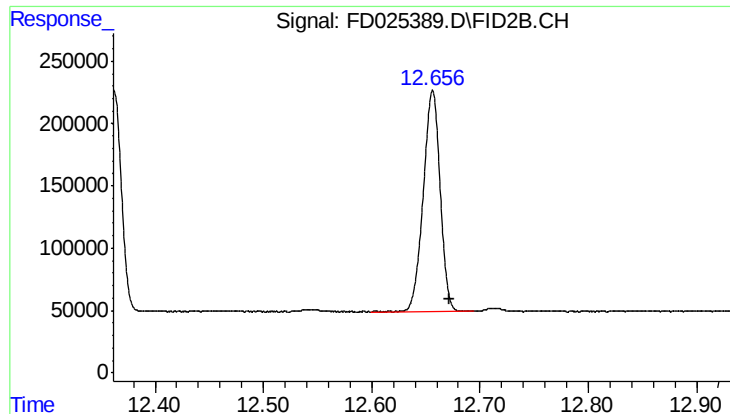
#11 ortho-Terphenyl (SURR)

R.T.: 11.331 min
Delta R.T.: -0.016 min
Response: 1754668
Conc: 20.68 ug/ml



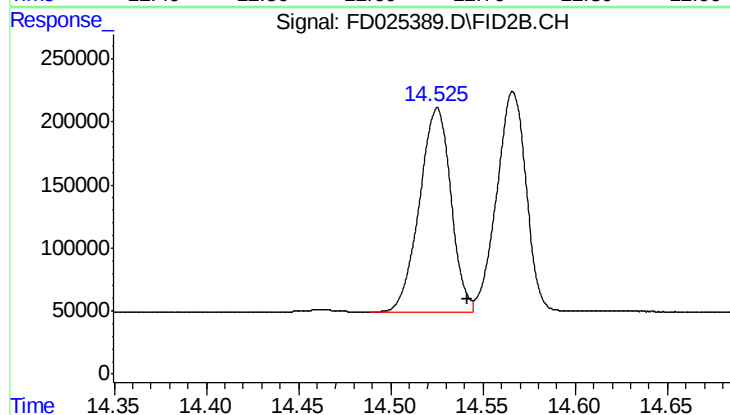
#12 Fluoranthene (C21.85)

R.T.: 12.362 min
Delta R.T.: -0.015 min
Response: 1897413
Conc: 21.60 ug/ml



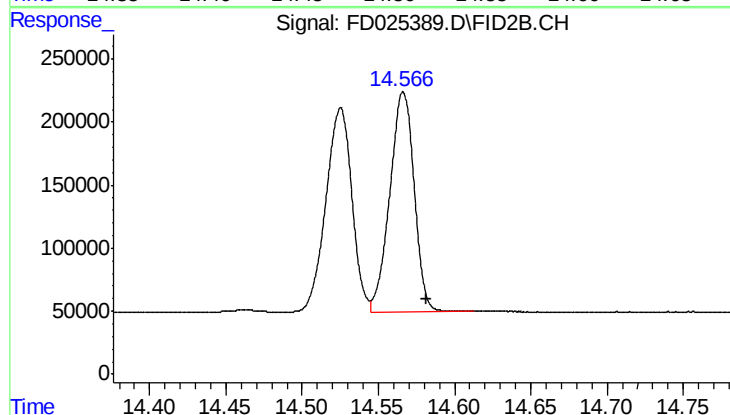
#13 Pyrene (C20.8)

R.T.: 12.656 min
Delta R.T.: -0.016 min
Response: 1918446
Conc: 21.83 ug/ml



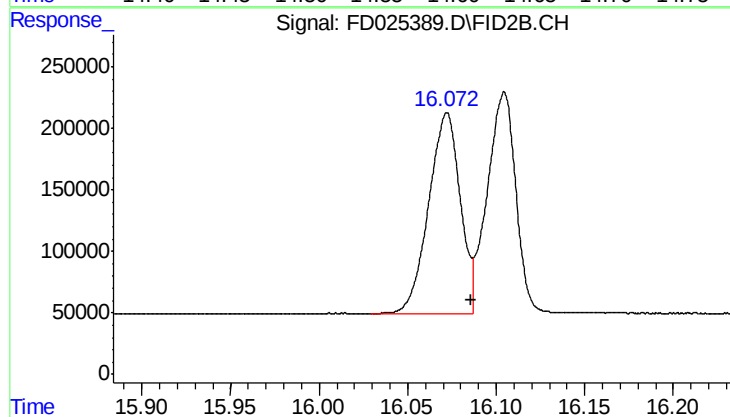
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: -0.016 min
Response: 1921677
Conc: 23.04 ug/ml



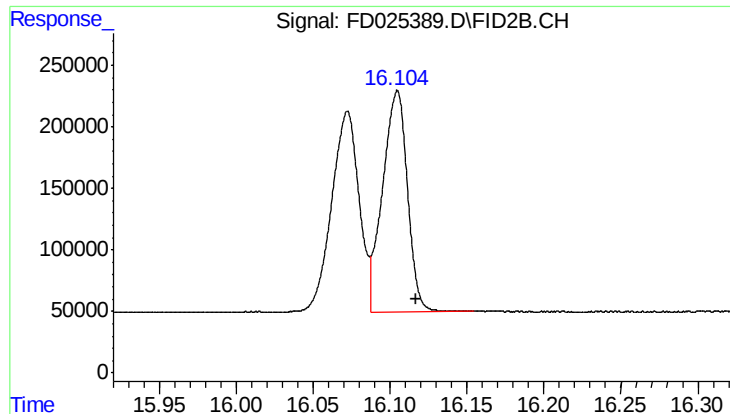
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: -0.015 min
Response: 1939100
Conc: 23.02 ug/ml



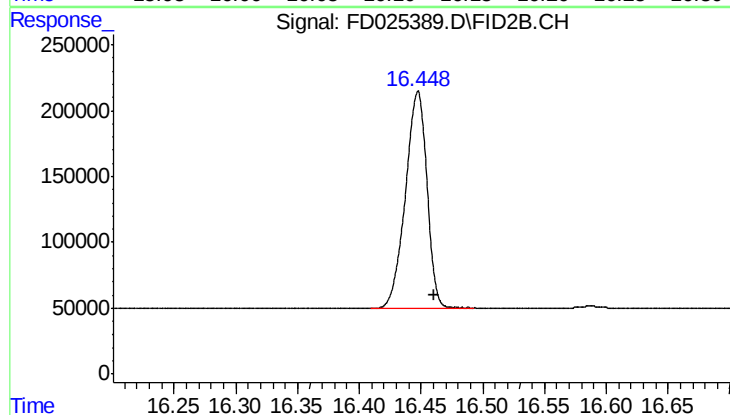
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.072 min
Delta R.T.: -0.014 min
Response: 2013210
Conc: 22.38 ug/ml



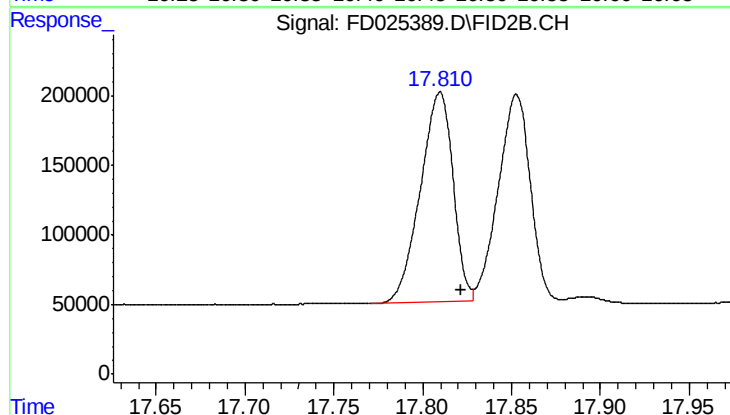
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.104 min
Delta R.T.: -0.012 min
Response: 2019136
Conc: 22.43 ug/ml



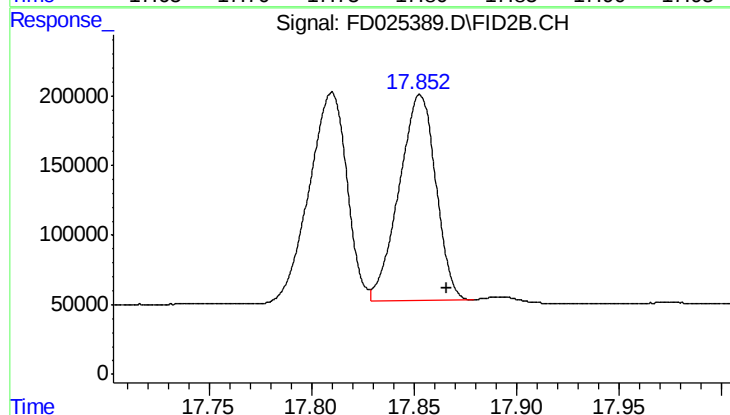
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.447 min
Delta R.T.: -0.013 min
Response: 1997045
Conc: 21.70 ug/ml



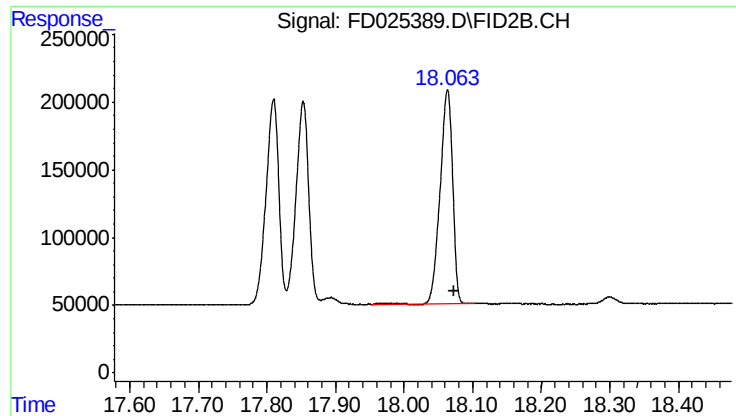
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.012 min
Response: 1935961
Conc: 20.52 ug/ml



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

R.T.: 17.853 min
Delta R.T.: -0.013 min
Response: 1849814
Conc: 20.21 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.010 min
Response: 2016035
Conc: 20.81 ug/ml