

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD080618AR\
 Data File : FD025334.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2018 00:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 08:00:07 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	1428963	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
6) S 2-Fluorobiphenyl (SURR)	8.288	991096	18.432 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.86%
11) S ortho-Terphenyl (SURR)	11.333	1621066	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1302773	16.680 ug/ml
2) T Naphthalene (C11.7)	5.771	1629813	18.918 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	1606932	18.690 ug/ml
5) T Acenaphthylene (C15.06)	8.092	1575529	18.549 ug/ml
7) T Acenaphthene (C15.5)	8.387	1652152	18.556 ug/ml
8) T Fluorene (C16.55)	9.166	1645989	18.481 ug/ml
9) T Phenanthrene (C19.36)	10.557	1676421	18.717 ug/ml
10) T Anthracene (C19.43)	10.631	1648037	18.715 ug/ml
12) T Fluoranthene (C21.85)	12.363	1695587	19.299 ug/ml
13) T Pyrene (C20.8)	12.658	1706415	19.418 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.527	1652059	19.808 ug/ml
15) T Chrysene (C27.41)	14.568	1667680	19.796 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.073	1729455	19.223 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.106	1739639	19.322 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.448	1748868	19.000 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.809	1762557	18.682 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.852	1740573	19.020 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.062	1804537	18.628 ug/ml

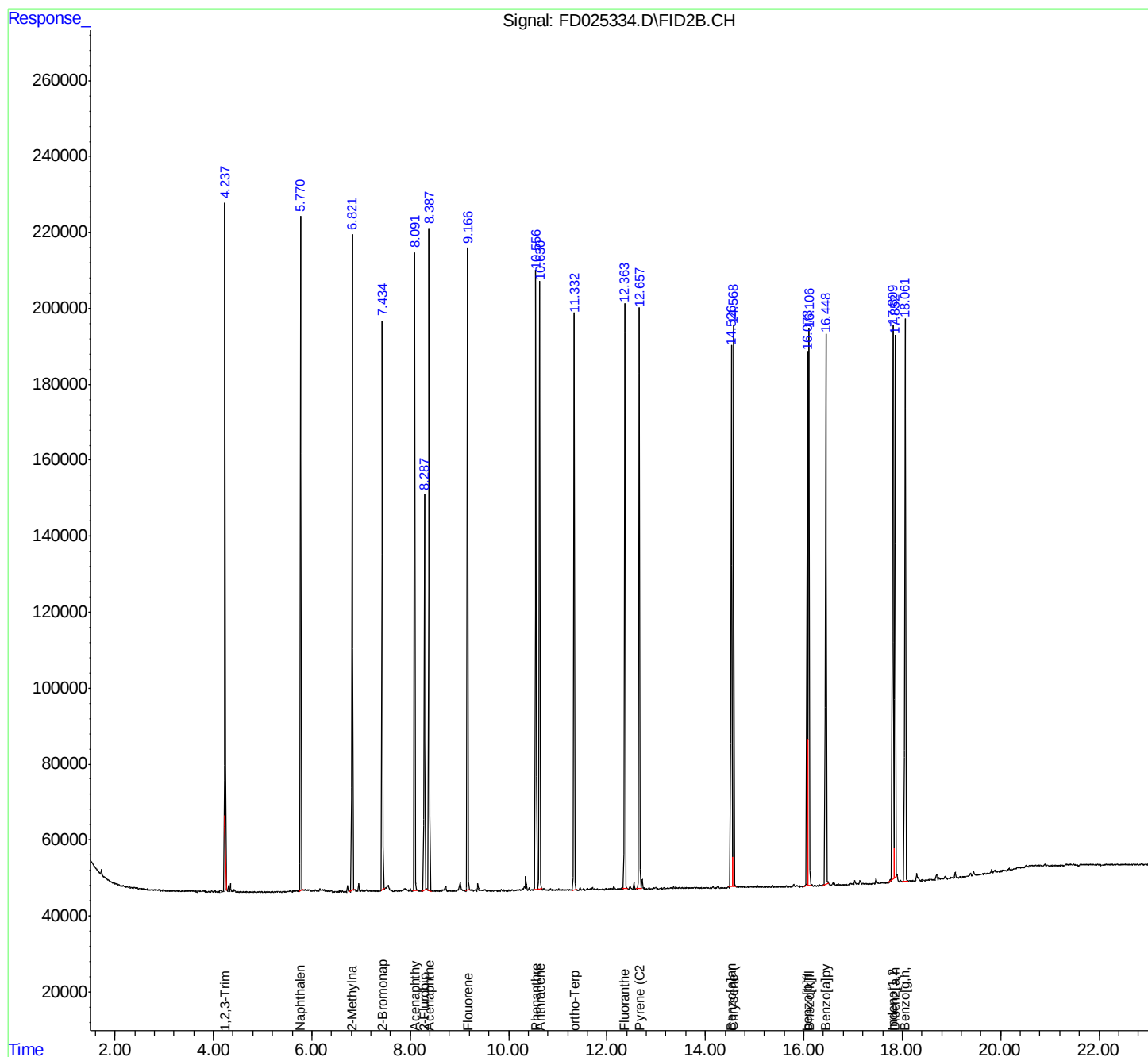
(f)=RT Delta > 1/2 Window

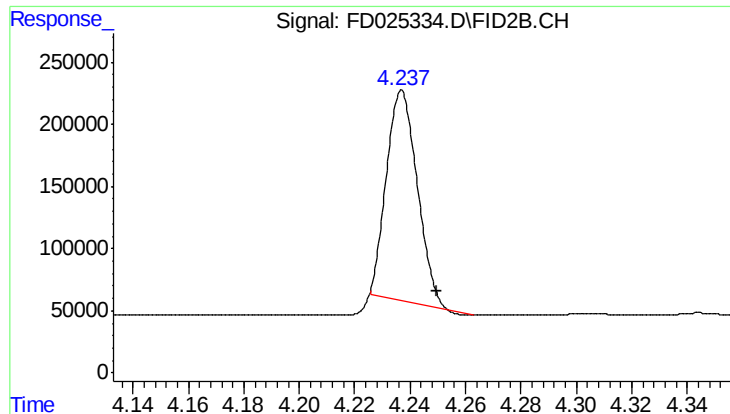
(m)=manual int.

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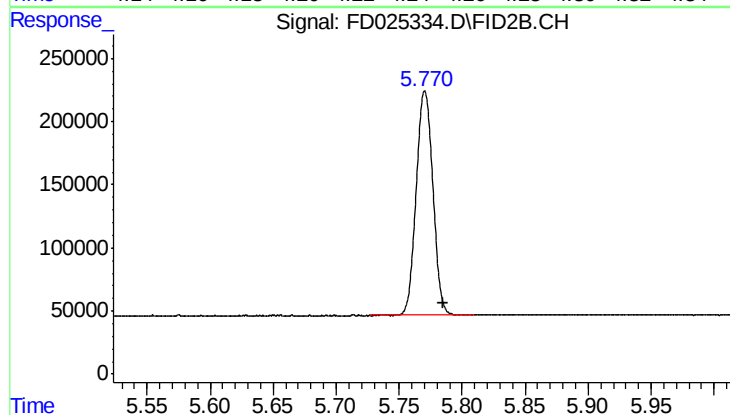
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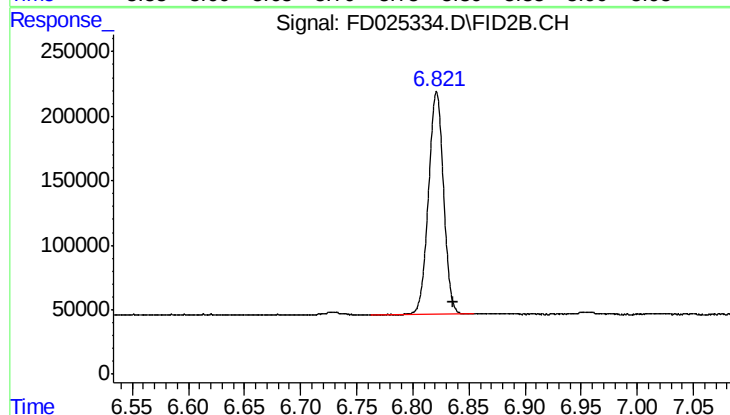
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.012 min
Response: 1302773
Conc: 16.68 ug/ml



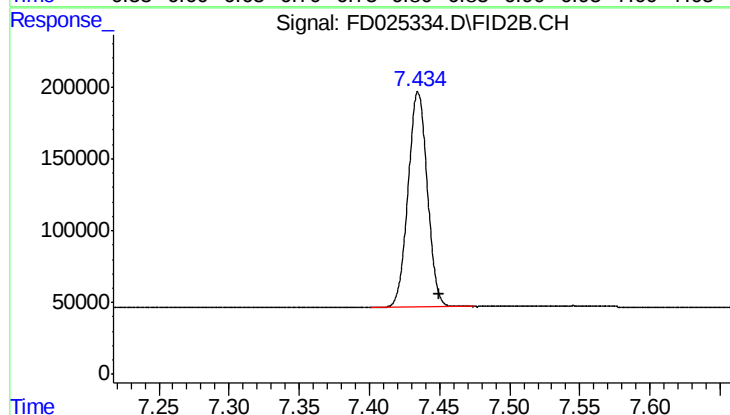
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.015 min
Response: 1629813
Conc: 18.92 ug/ml



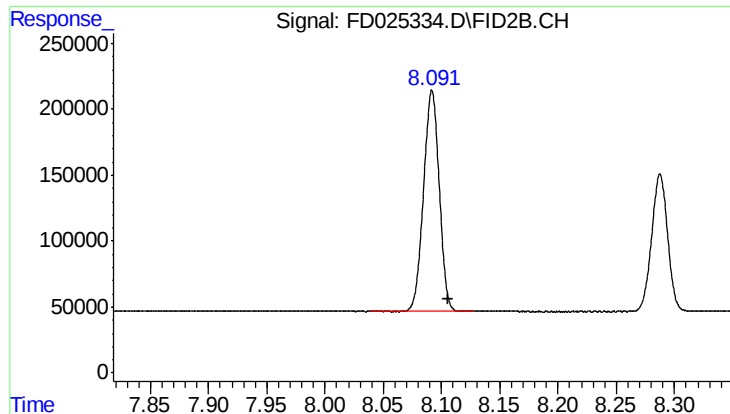
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.015 min
Response: 1606932
Conc: 18.69 ug/ml



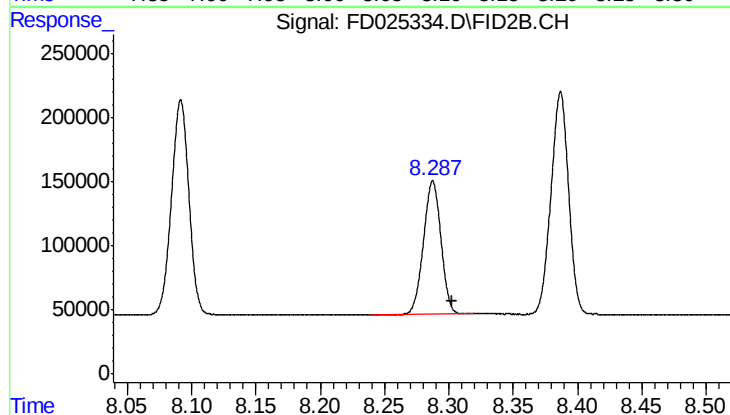
#4 2-Bromonaphthalene (SURR)

R.T.: 7.435 min
Delta R.T.: -0.015 min
Response: 1428963
Conc: 18.51 ug/ml



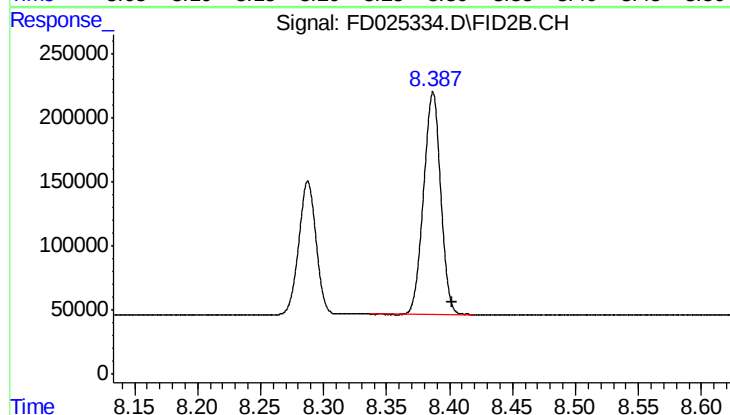
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.014 min
Response: 1575529
Conc: 18.55 ug/ml



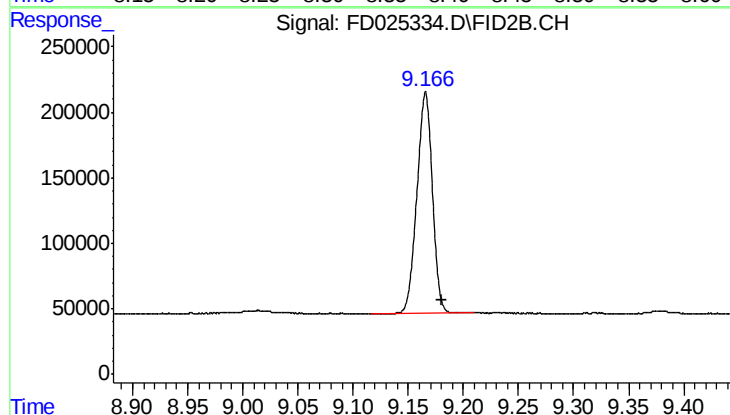
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.015 min
Response: 991096
Conc: 18.43 ug/ml



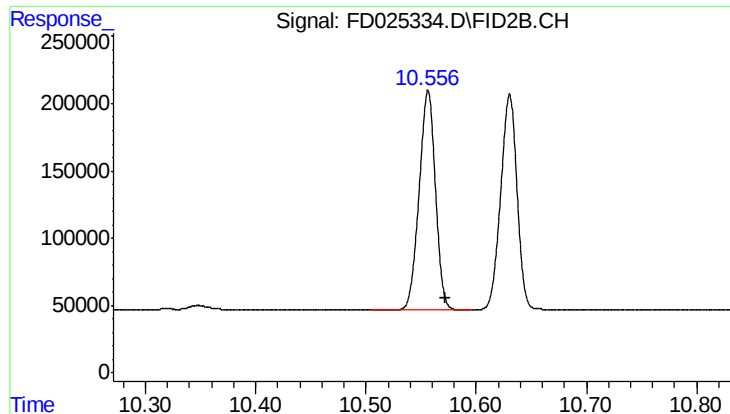
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: -0.015 min
Response: 1652152
Conc: 18.56 ug/ml



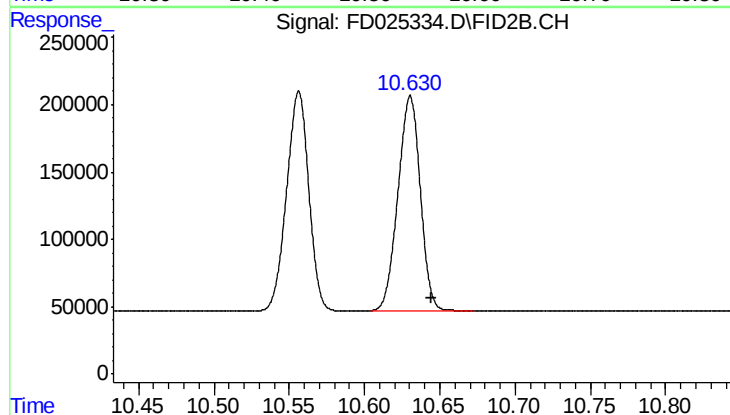
#8 Fluorene (C16.55)

R.T.: 9.166 min
Delta R.T.: -0.015 min
Response: 1645989
Conc: 18.48 ug/ml



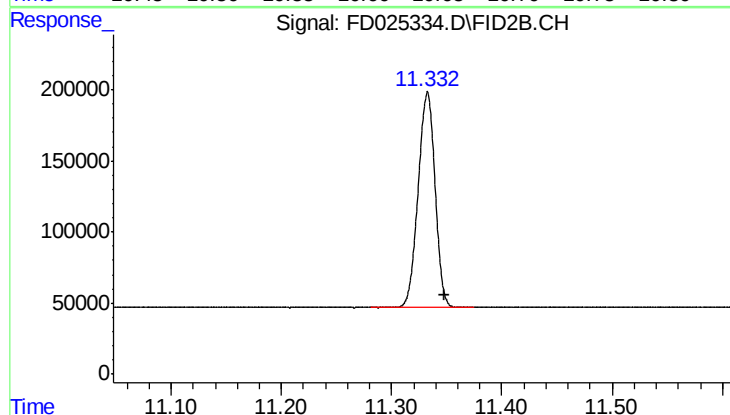
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: -0.016 min
Response: 1676421
Conc: 18.72 ug/ml



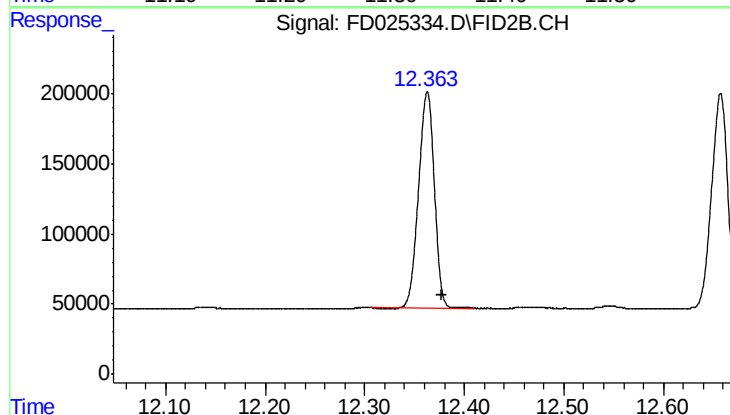
#10 Anthracene (C19.43)

R.T.: 10.631 min
Delta R.T.: -0.014 min
Response: 1648037
Conc: 18.72 ug/ml



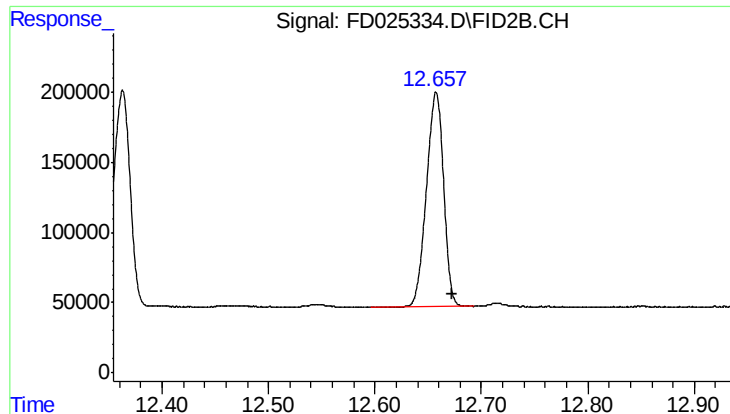
#11 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: -0.015 min
Response: 1621066
Conc: 19.10 ug/ml



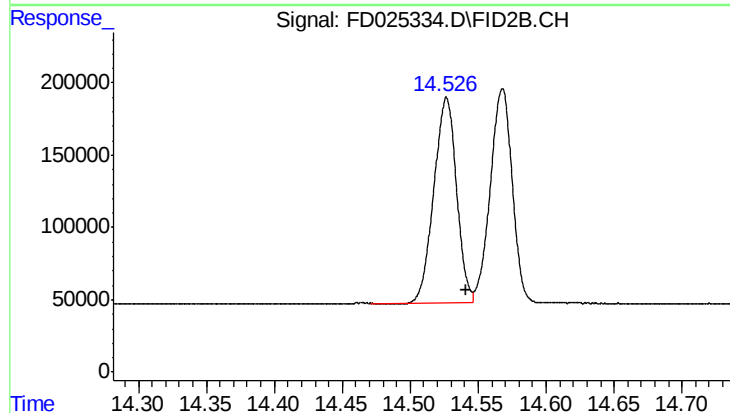
#12 Fluoranthene (C21.85)

R.T.: 12.363 min
Delta R.T.: -0.014 min
Response: 1695587
Conc: 19.30 ug/ml



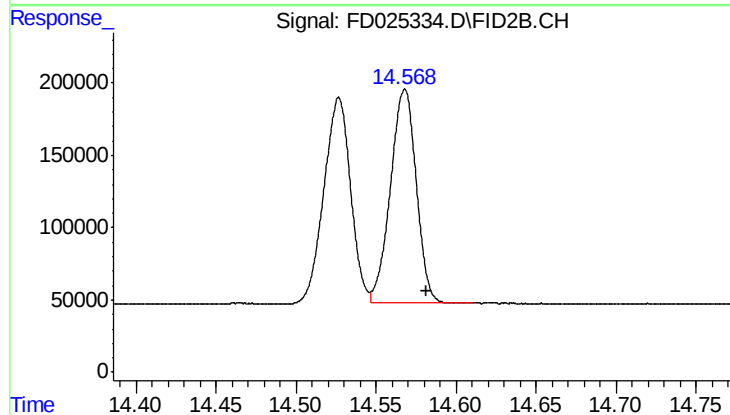
#13 Pyrene (C20.8)

R.T.: 12.658 min
Delta R.T.: -0.015 min
Response: 1706415
Conc: 19.42 ug/ml



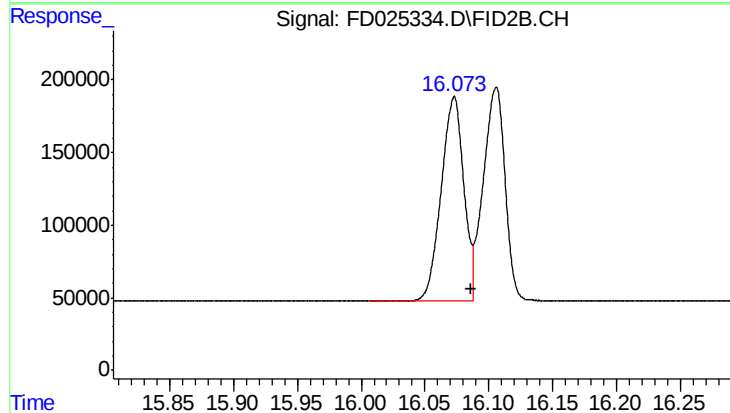
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.527 min
Delta R.T.: -0.015 min
Response: 1652059
Conc: 19.81 ug/ml



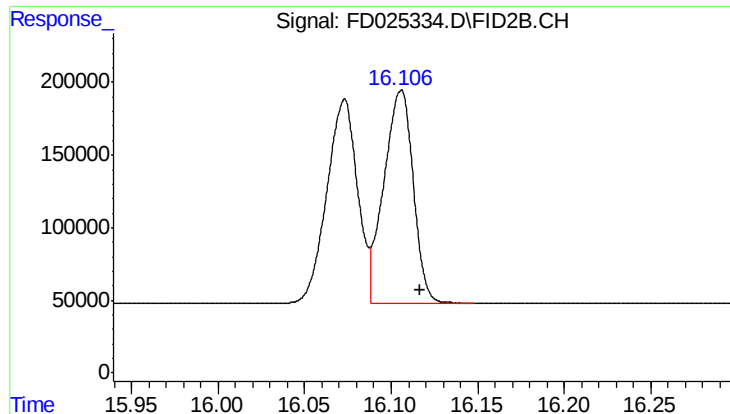
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.014 min
Response: 1667680
Conc: 19.80 ug/ml



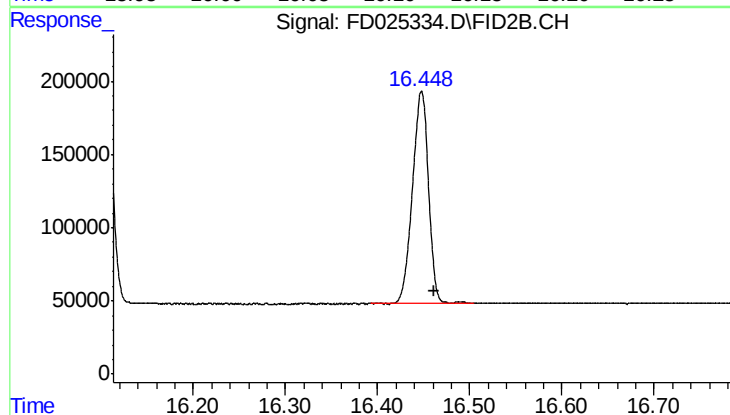
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.073 min
Delta R.T.: -0.013 min
Response: 1729455
Conc: 19.22 ug/ml



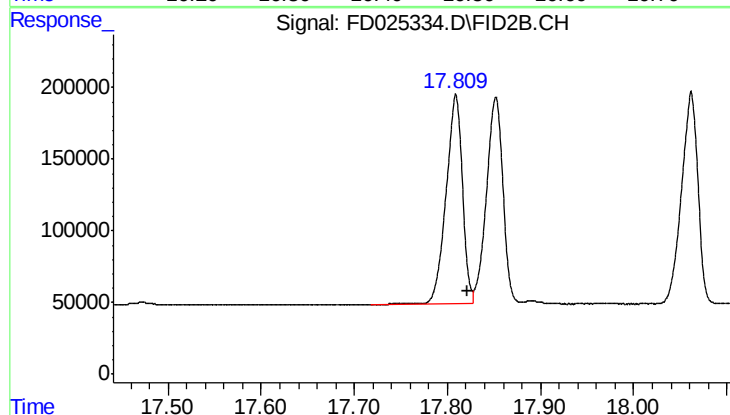
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.011 min
Response: 1739639
Conc: 19.32 ug/ml



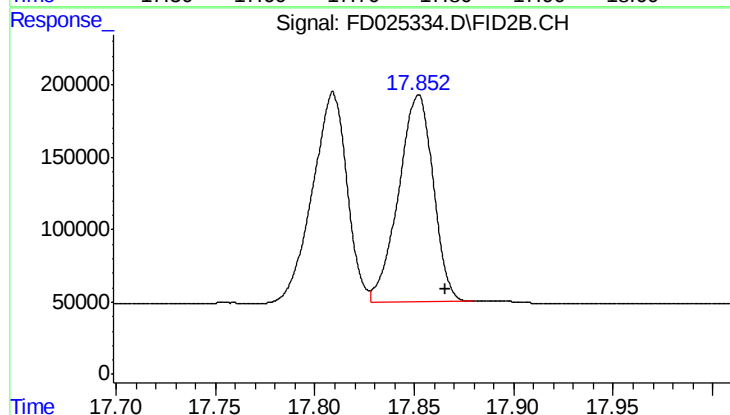
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.013 min
Response: 1748868
Conc: 19.00 ug/ml



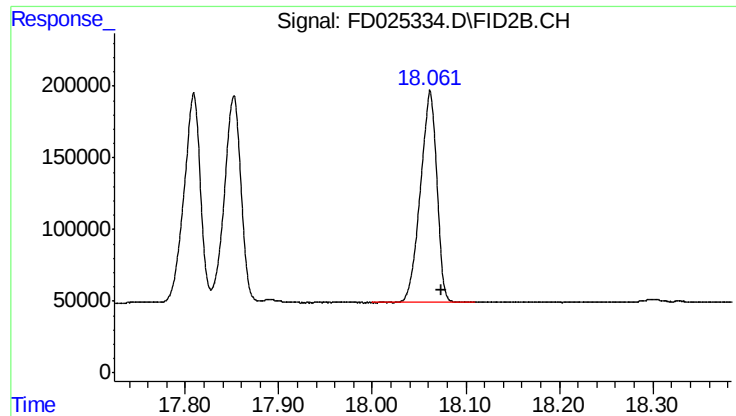
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: -0.013 min
Response: 1762557
Conc: 18.68 ug/ml



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

R.T.: 17.852 min
Delta R.T.: -0.014 min
Response: 1740573
Conc: 19.02 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.012 min
Response: 1804537
Conc: 18.63 ug/ml