

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD091118AR\
 Data File : FD025570.D
 Signal(s) : FID2B.CH
 Acq On : 11 Sep 2018 18:02
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 12 02:06:14 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...	7.435	1690540	20.971 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
6) S 2-Fluorobiphenyl (SURR)	8.288	1160670	20.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.88%
11) S ortho-Terphenyl (SURR)	11.331	1842806	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1752980	22.310 ug/ml
2) T Naphthalene (C11.7)	5.769	1912142	21.862 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	1890547	21.322 ug/ml
5) T Acenaphthylene (C15.06)	8.091	1839497	20.636 ug/ml
7) T Acenaphthene (C15.5)	8.387	1923562	20.565 ug/ml
8) T Fluorene (C16.55)	9.165	1896321	19.817 ug/ml
9) T Phenanthrene (C19.36)	10.555	1895422	19.626 ug/ml
10) T Anthracene (C19.43)	10.629	1856713	19.566 ug/ml
12) T Fluoranthene (C21.85)	12.361	1966895	20.503 ug/ml
13) T Pyrene (C20.8)	12.655	2000432	20.906 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.524	2070521	23.136 ug/ml
15) T Chrysene (C27.41)	14.566	2089426	23.290 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.070	2179205	22.804 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.101	2179756	22.510 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.445	2168340	22.287 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.807	2114374	20.626 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.850	2103641	20.883 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.060	2153197	20.813 ug/ml

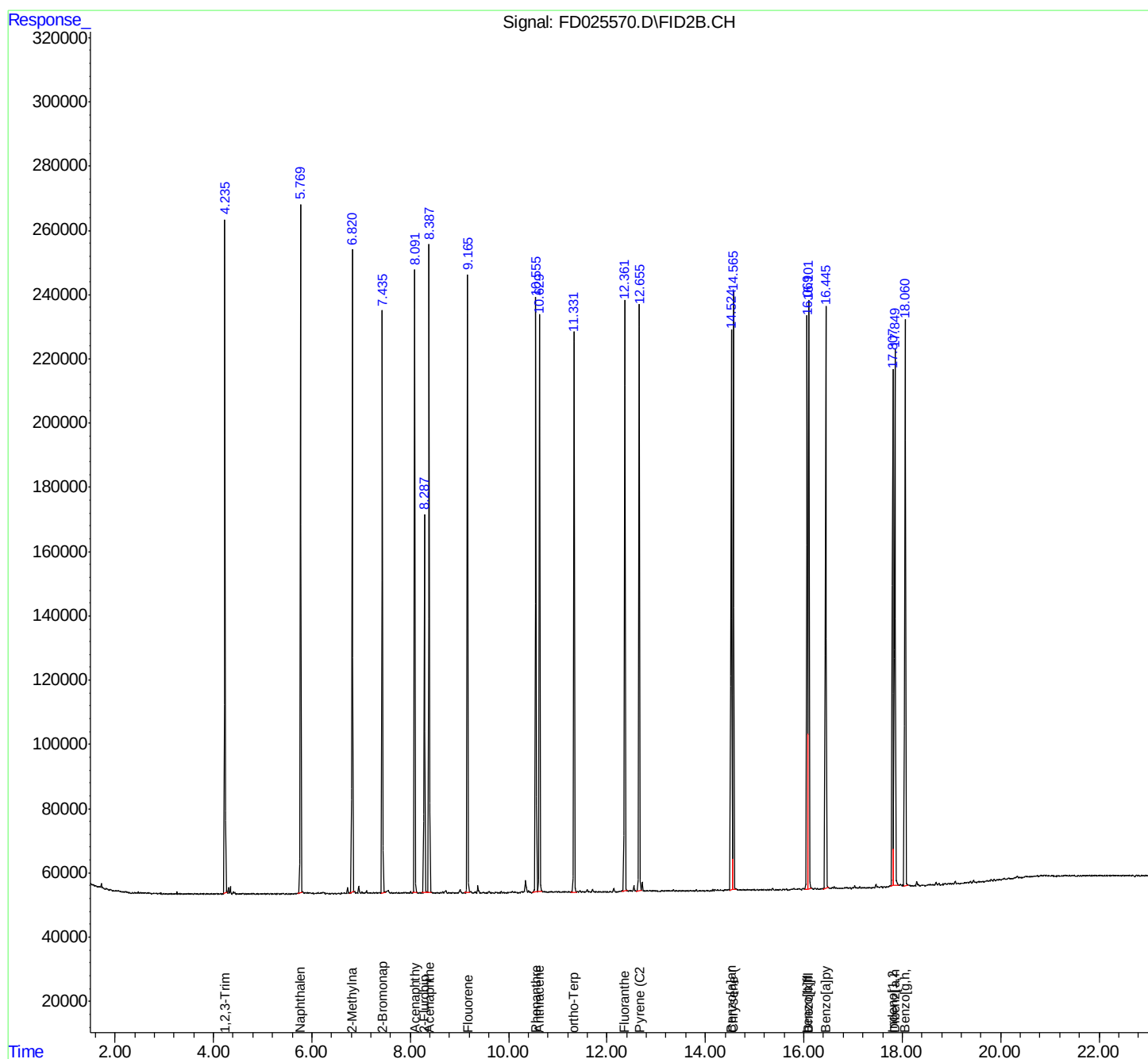
(f)=RT Delta > 1/2 Window

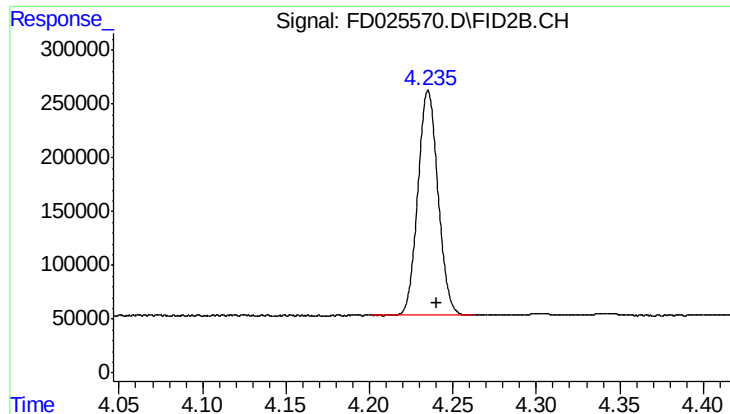
(m)=manual int.

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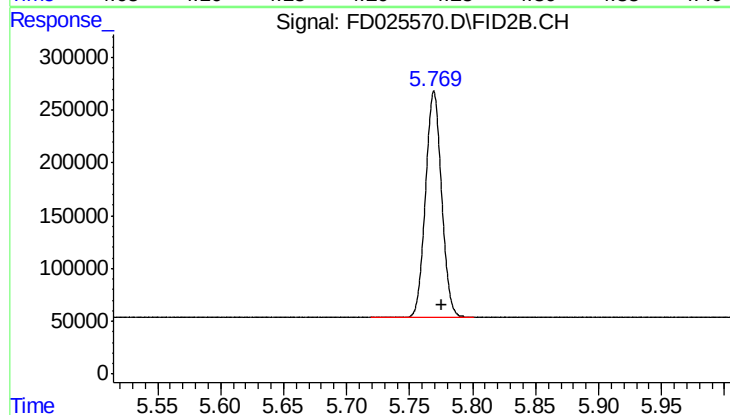
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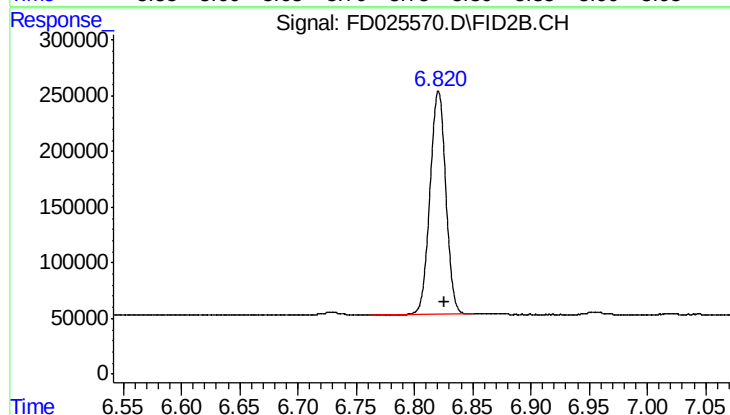
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 1752980
Conc: 22.31 ug/ml



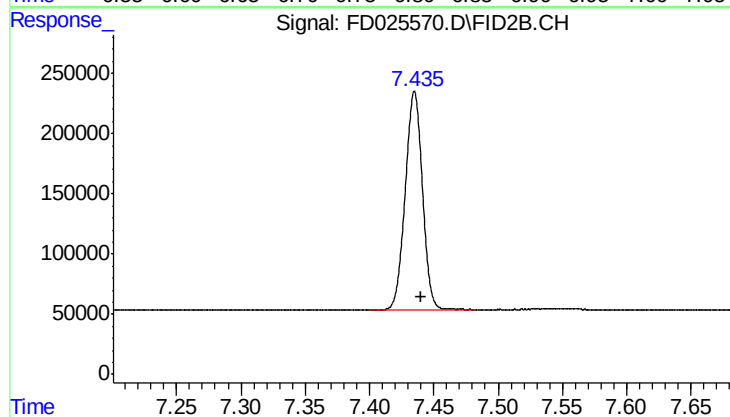
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 1912142
Conc: 21.86 ug/ml



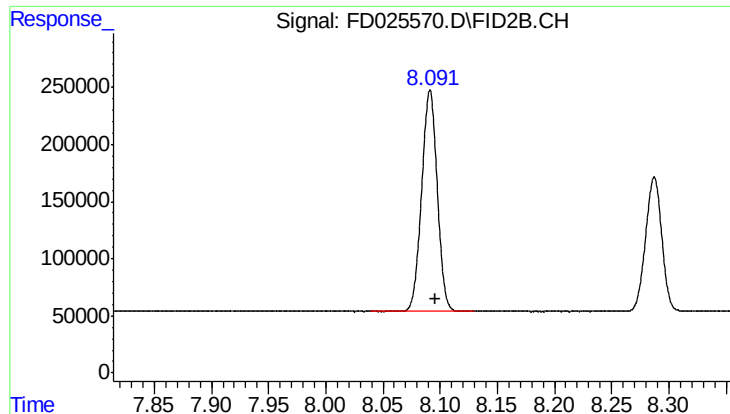
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 1890547
Conc: 21.32 ug/ml



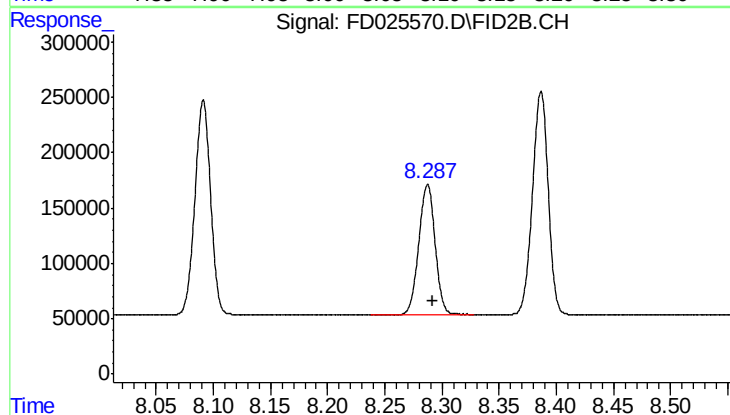
#4 2-Bromonaphthalene (SURR)

R.T.: 7.435 min
Delta R.T.: -0.005 min
Response: 1690540
Conc: 20.97 ug/ml



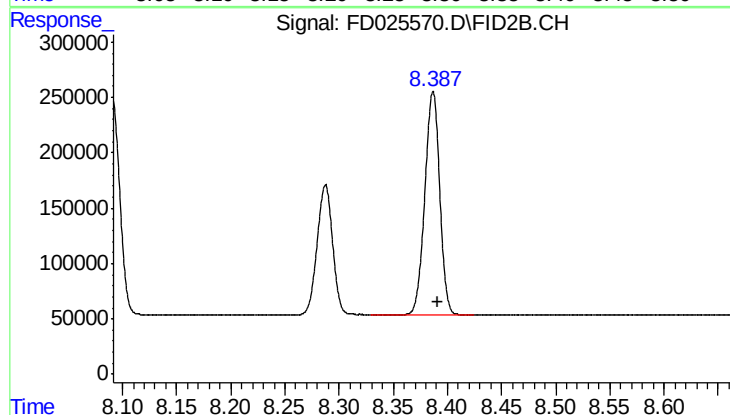
#5 Acenaphthylene (C15.06)

R.T.: 8.091 min
Delta R.T.: -0.005 min
Response: 1839497
Conc: 20.64 ug/ml



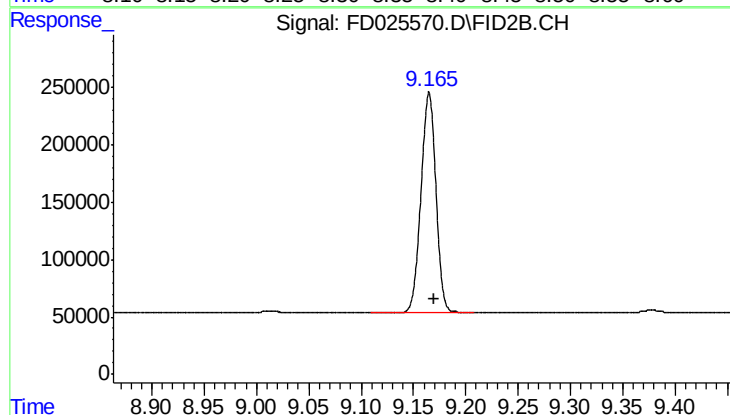
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.005 min
Response: 1160670
Conc: 20.44 ug/ml



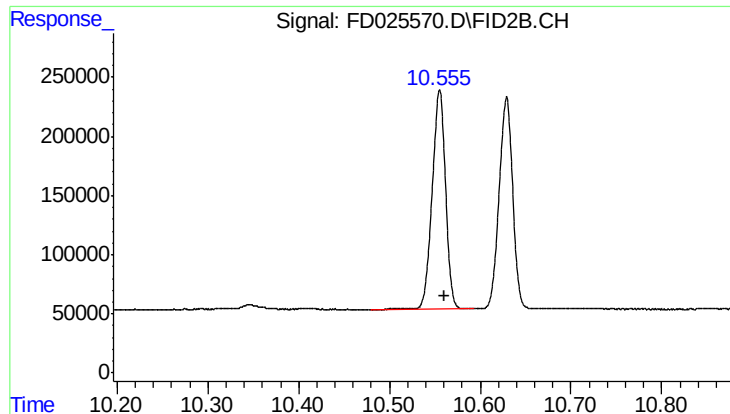
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: -0.004 min
Response: 1923562
Conc: 20.56 ug/ml



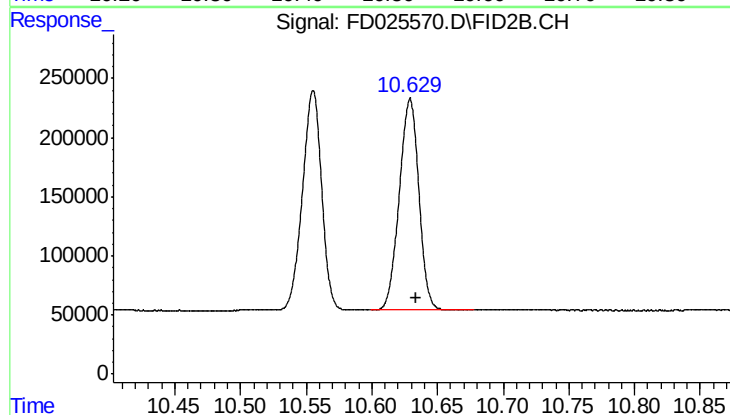
#8 Fluorene (C16.55)

R.T.: 9.165 min
Delta R.T.: -0.004 min
Response: 1896321
Conc: 19.82 ug/ml



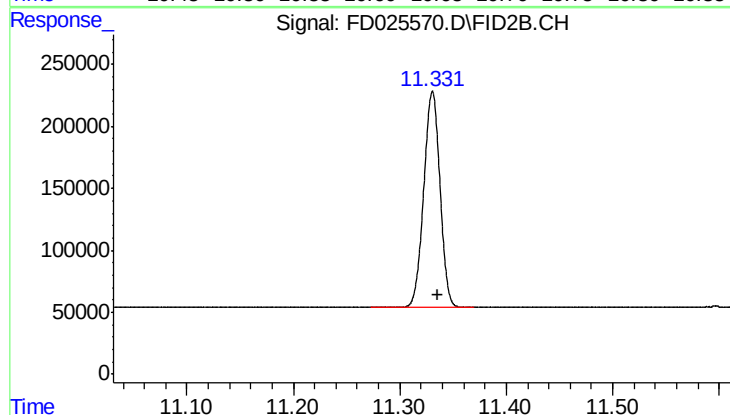
#9 Phenanthrene (C19.36)

R.T.: 10.555 min
Delta R.T.: -0.005 min
Response: 1895422
Conc: 19.63 ug/ml



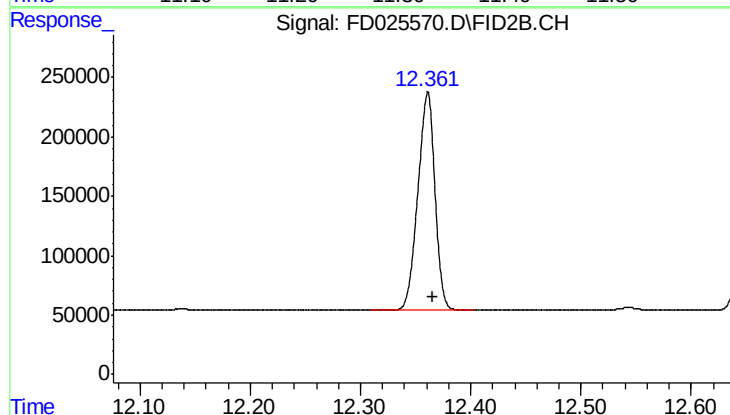
#10 Anthracene (C19.43)

R.T.: 10.629 min
Delta R.T.: -0.004 min
Response: 1856713
Conc: 19.57 ug/ml



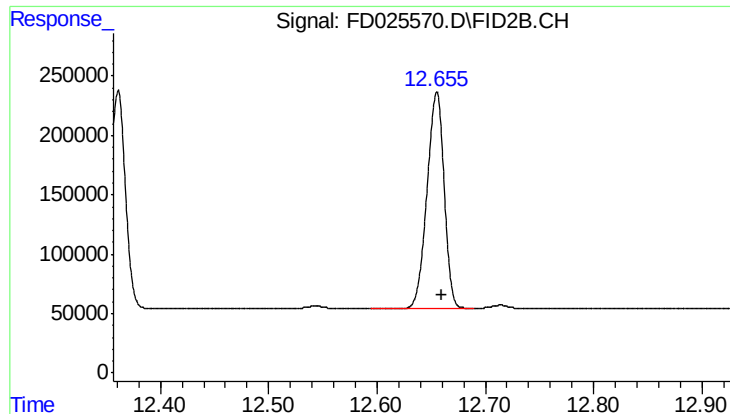
#11 ortho-Terphenyl (SURR)

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 1842806
Conc: 19.66 ug/ml



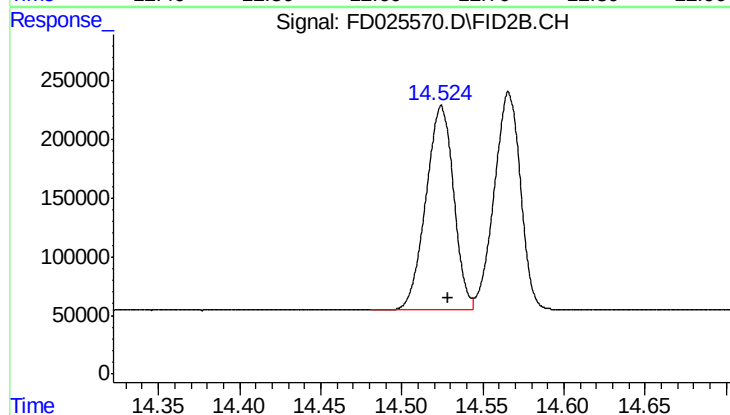
#12 Fluoranthene (C21.85)

R.T.: 12.361 min
Delta R.T.: -0.005 min
Response: 1966895
Conc: 20.50 ug/ml



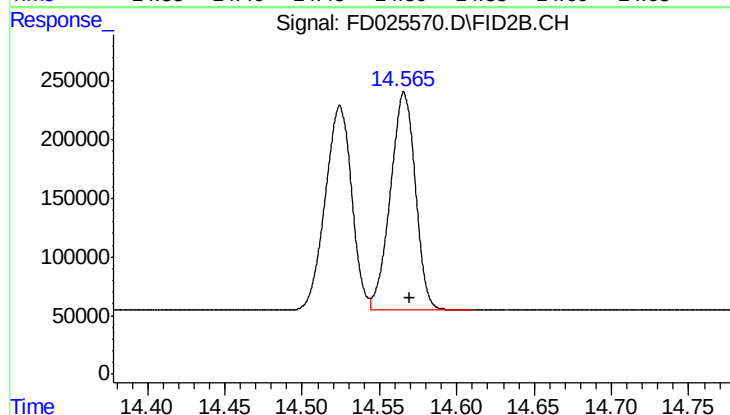
#13 Pyrene (C20.8)

R.T.: 12.655 min
Delta R.T.: -0.004 min
Response: 2000432
Conc: 20.91 ug/ml



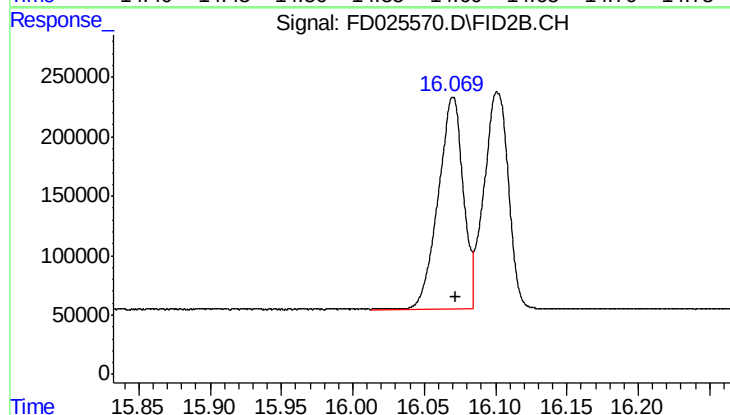
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.004 min
Response: 2070521
Conc: 23.14 ug/ml



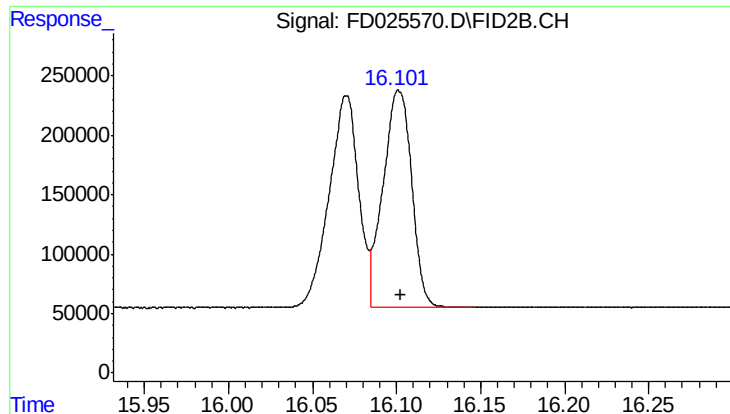
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: -0.004 min
Response: 2089426
Conc: 23.29 ug/ml



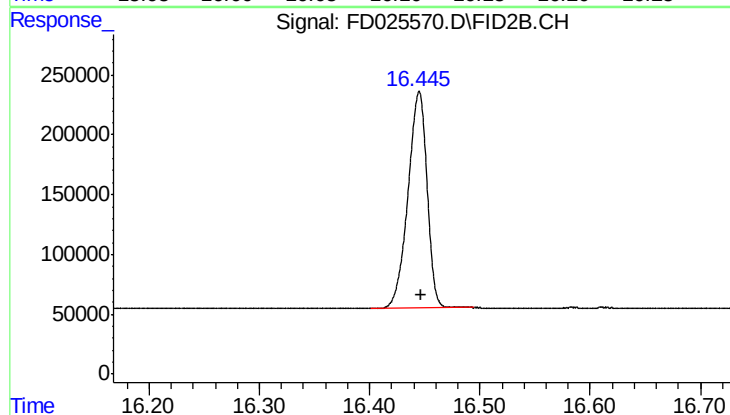
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.070 min
Delta R.T.: -0.002 min
Response: 2179205
Conc: 22.80 ug/ml



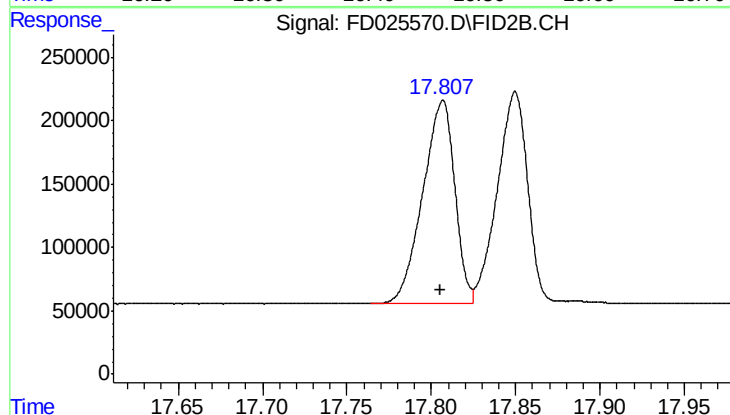
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.101 min
Delta R.T.: -0.001 min
Response: 2179756
Conc: 22.51 ug/ml



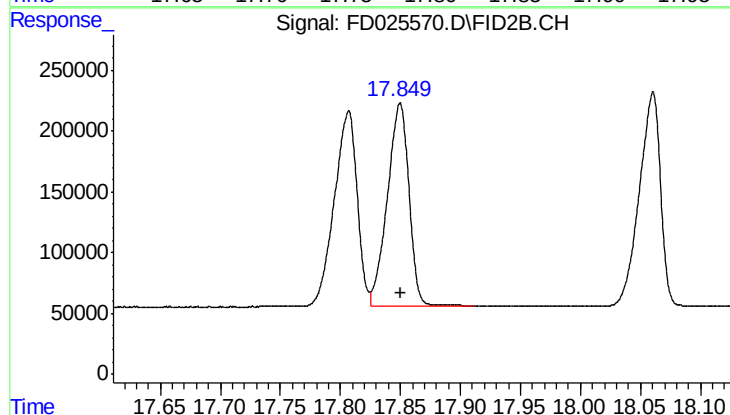
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.002 min
Response: 2168340
Conc: 22.29 ug/ml



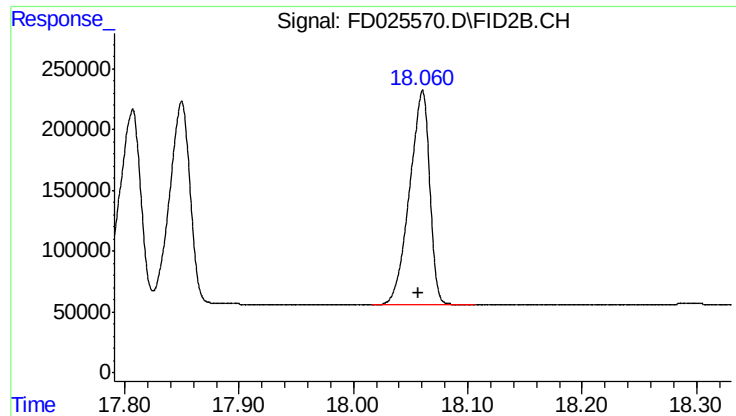
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.002 min
Response: 2114374
Conc: 20.63 ug/ml



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

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 2103641
Conc: 20.88 ug/ml



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

R.T.: 18.060 min
Delta R.T.: 0.003 min
Response: 2153197
Conc: 20.81 ug/ml