

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD080618AR\
 Data File : FD025329.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2018 20:43
 Operator : AJ\SJ
 Sample : J4323-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:59:17 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...	7.439	3441748	44.586 ug/ml
Spiked Amount 50.000		Recovery =	89.17%
6) S 2-Fluorobiphenyl (SURR)	8.292	2453853	45.637 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.27%
11) S ortho-Terphenyl (SURR)	11.337	3482622	41.038 ug/ml
Spiked Amount 50.000		Recovery =	82.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.239	2138162	27.376 ug/ml
2) T Naphthalene (C11.7)	5.772	2829118	32.839 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	3033121	35.277 ug/ml
5) T Acenaphthylene (C15.06)	8.095	3102529	36.527 ug/ml
7) T Acenaphthene (C15.5)	8.391	3222539	36.193 ug/ml
8) T Fluorene (C16.55)	9.170	3300189	37.055 ug/ml
9) T Phenanthrene (C19.36)	10.561	3574247	39.907 ug/ml
10) T Anthracene (C19.43)	10.636	3546470	40.274 ug/ml
12) T Fluoranthene (C21.85)	12.369	3834637	43.645 ug/ml
13) T Pyrene (C20.8)	12.664	3780016	43.014 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.535	3960143	47.483 ug/ml
15) T Chrysene (C27.41)	14.577	3924525	46.586 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.081	4138734	46.002 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.116	4075085	45.262 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.458	4163535	45.234 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.821	4200703	44.524 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.863	4138009	45.218 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.077	4254875	43.922 ug/ml

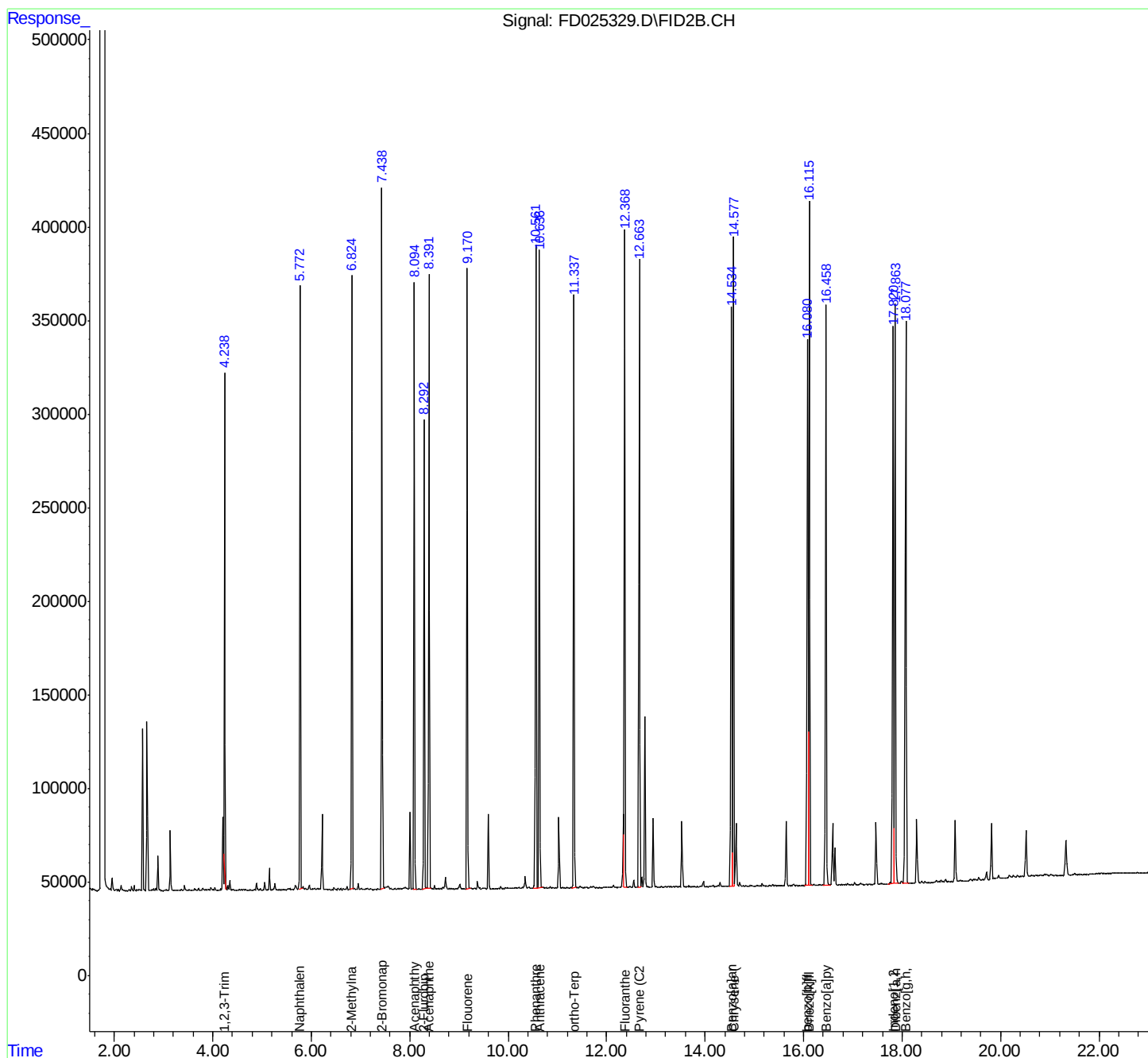
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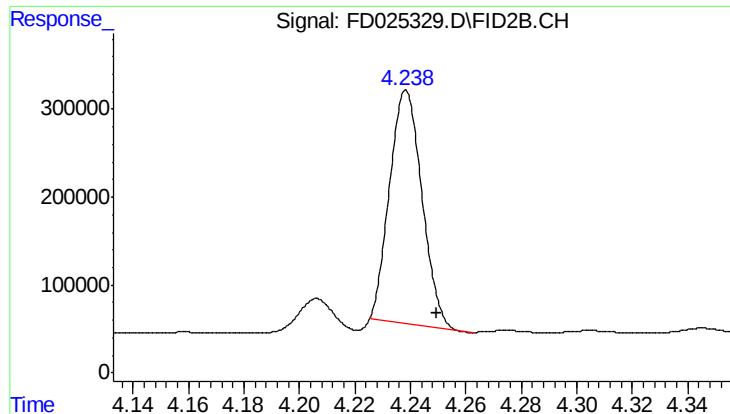
(m)=manual int.

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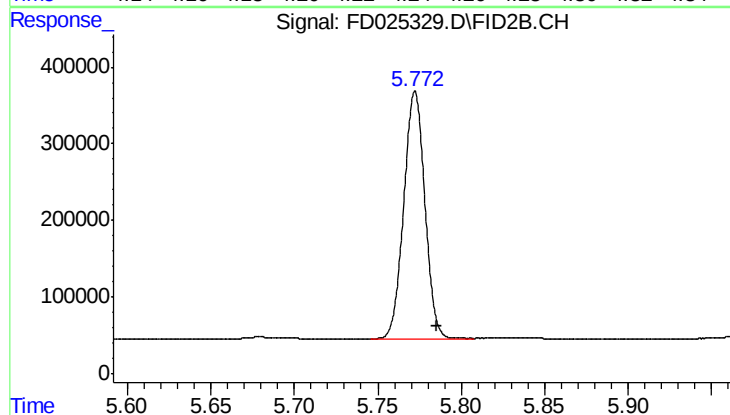
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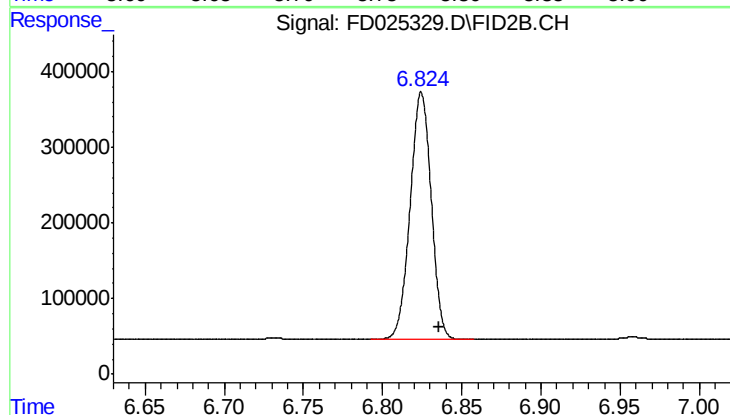
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.239 min
Delta R.T.: -0.011 min
Response: 2138162
Conc: 27.38 ug/ml



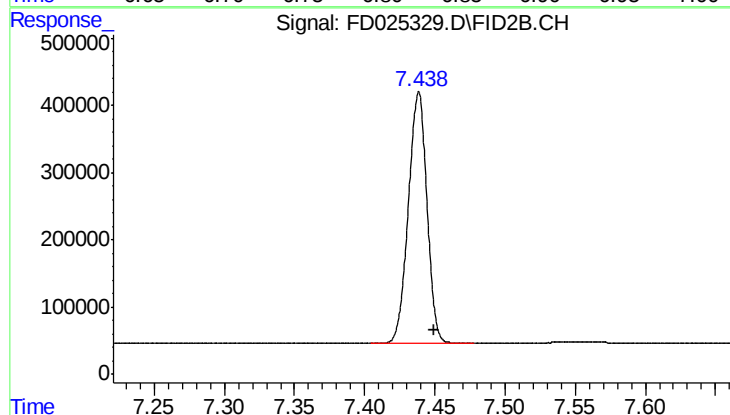
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.013 min
Response: 2829118
Conc: 32.84 ug/ml



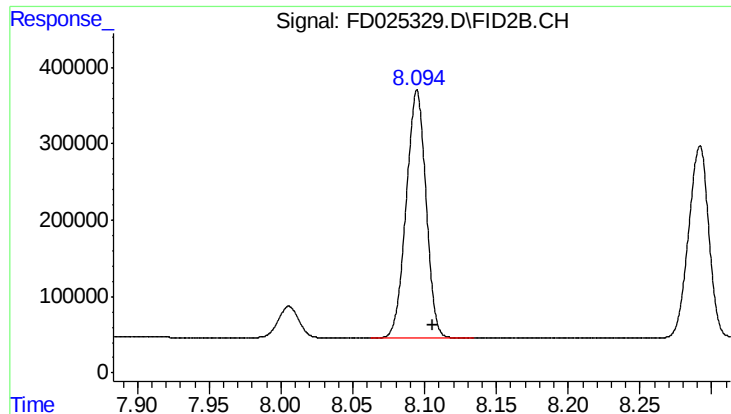
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: -0.011 min
Response: 3033121
Conc: 35.28 ug/ml



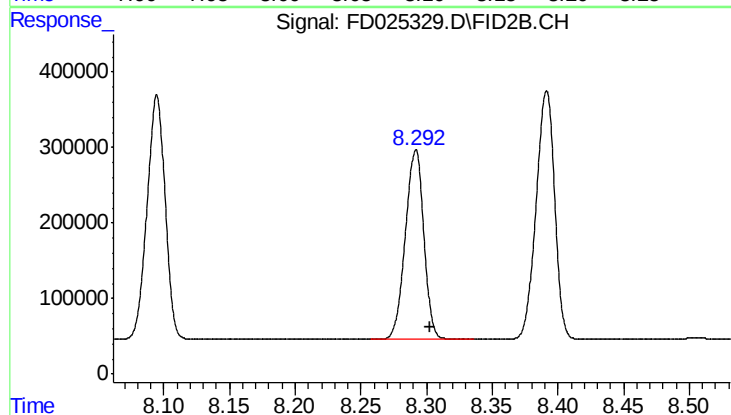
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 3441748
Conc: 44.59 ug/ml



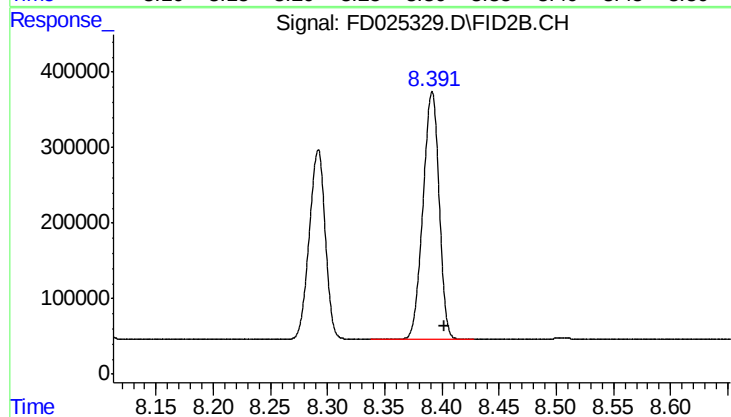
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 3102529
Conc: 36.53 ug/ml



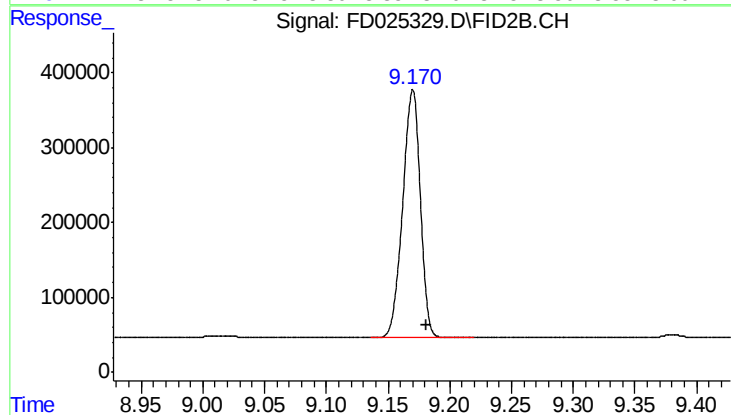
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 2453853
Conc: 45.64 ug/ml



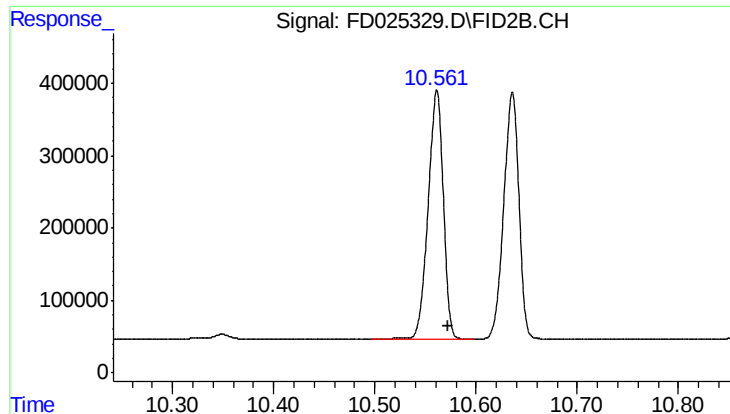
#7 Acenaphthene (C15.5)

R.T.: 8.391 min
Delta R.T.: -0.011 min
Response: 3222539
Conc: 36.19 ug/ml



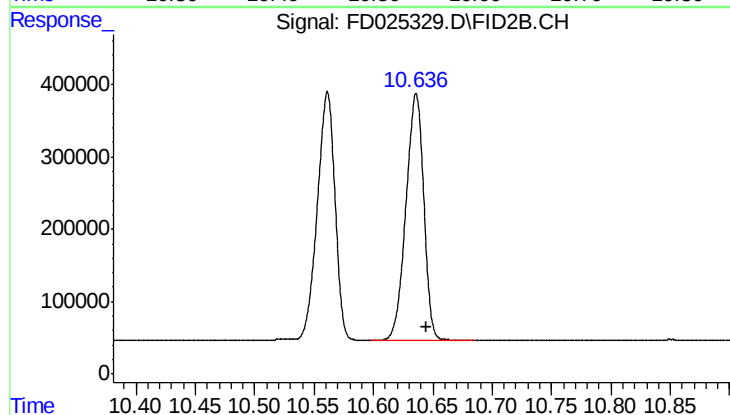
#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.011 min
Response: 3300189
Conc: 37.06 ug/ml



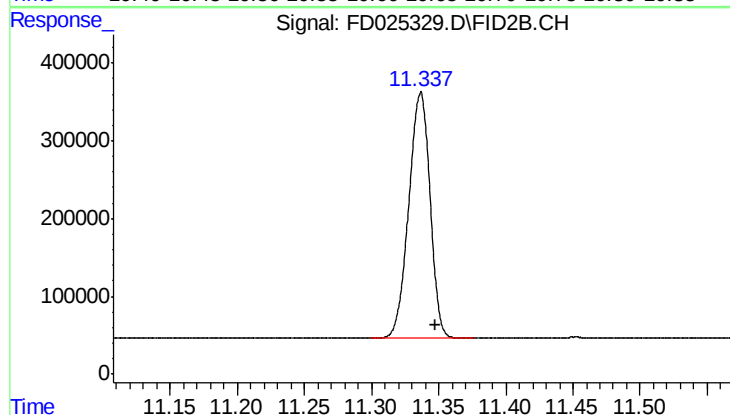
#9 Phenanthrene (C19.36)

R.T.: 10.561 min
Delta R.T.: -0.011 min
Response: 3574247
Conc: 39.91 ug/ml



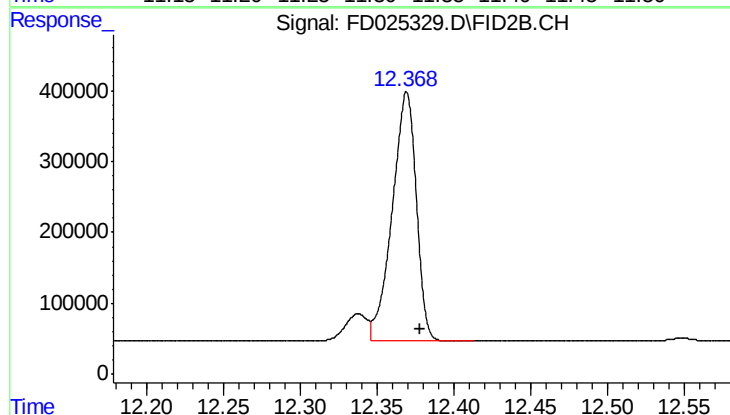
#10 Anthracene (C19.43)

R.T.: 10.636 min
Delta R.T.: -0.009 min
Response: 3546470
Conc: 40.27 ug/ml



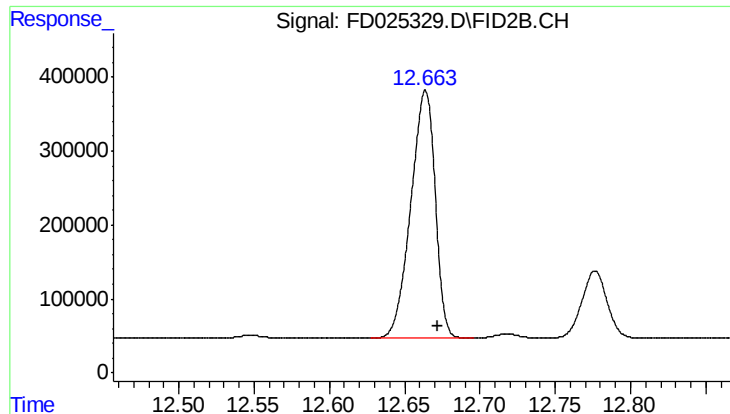
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 3482622
Conc: 41.04 ug/ml



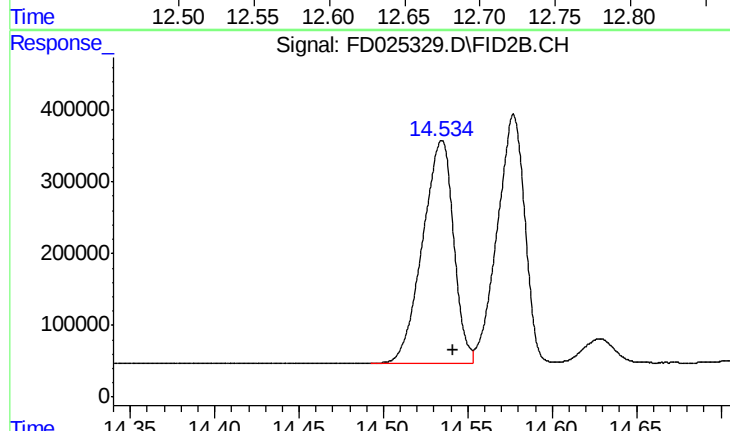
#12 Fluoranthene (C21.85)

R.T.: 12.369 min
Delta R.T.: -0.009 min
Response: 3834637
Conc: 43.65 ug/ml



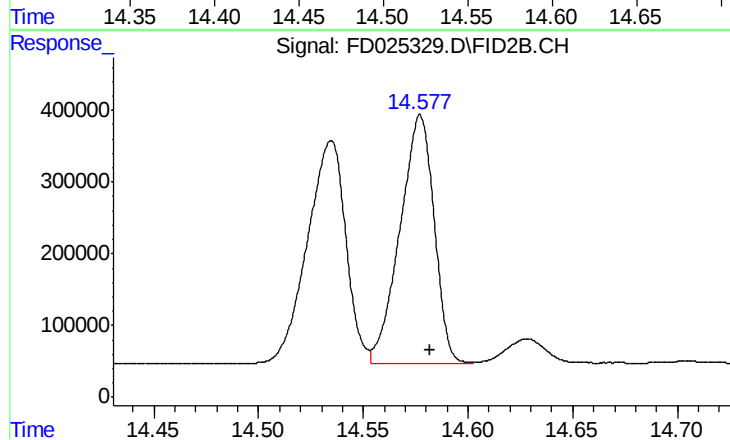
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 3780016
Conc: 43.01 ug/ml



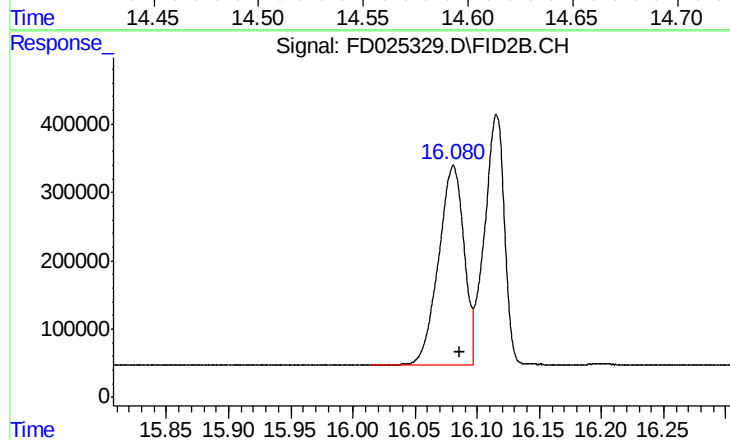
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.007 min
Response: 3960143
Conc: 47.48 ug/ml



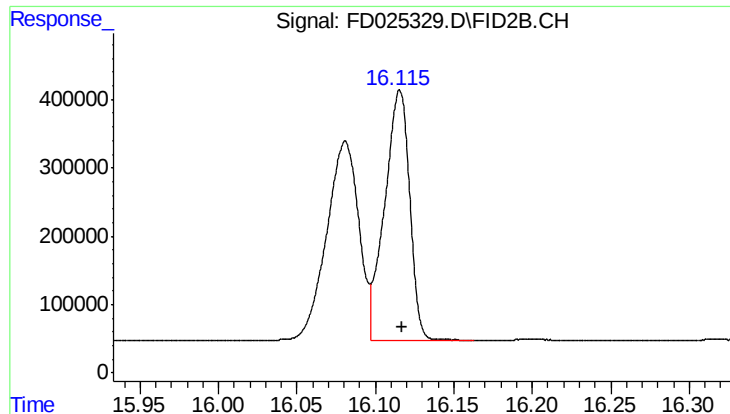
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.005 min
Response: 3924525
Conc: 46.59 ug/ml



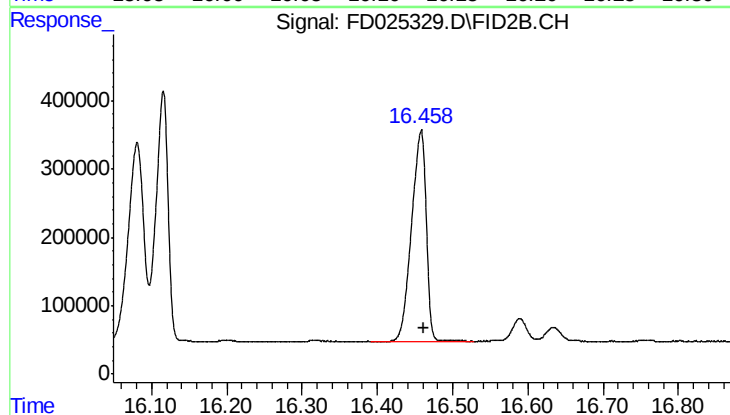
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.081 min
Delta R.T.: -0.005 min
Response: 4138734
Conc: 46.00 ug/ml



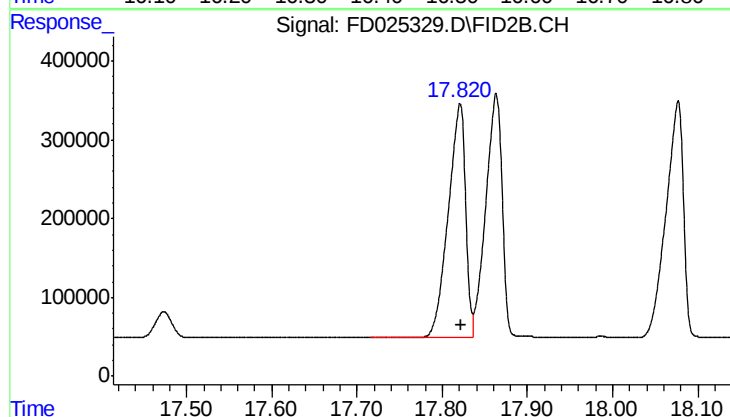
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.116 min
Delta R.T.: -0.001 min
Response: 4075085
Conc: 45.26 ug/ml



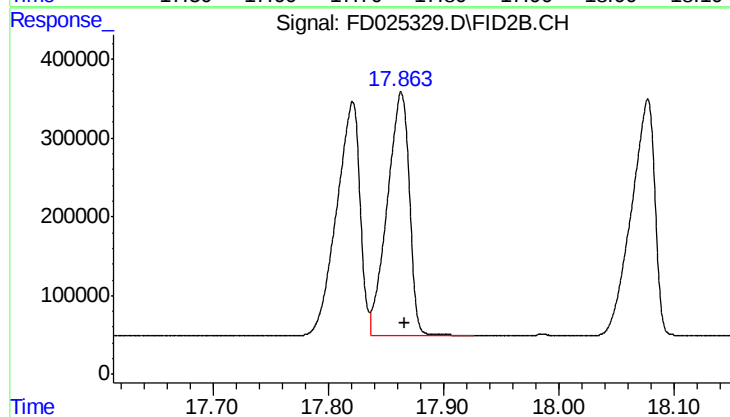
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: -0.003 min
Response: 4163535
Conc: 45.23 ug/ml



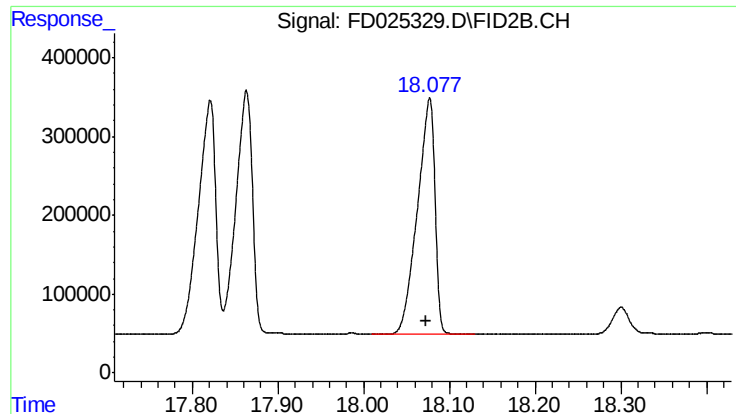
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.000 min
Response: 4200703
Conc: 44.52 ug/ml



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

R.T.: 17.863 min
Delta R.T.: -0.003 min
Response: 4138009
Conc: 45.22 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 4254875
Conc: 43.92 ug/ml