

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025425.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 19:54
 Operator : AJ\SJ
 Sample : AR IDOC SOIL-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 04:23:13 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...	7.438	4224256	54.723 ug/ml
Spiked Amount 50.000		Recovery =	109.45%
6) S 2-Fluorobiphenyl (SURR)	8.292	2950702	54.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.75%
11) S ortho-Terphenyl (SURR)	11.337	4645980	54.747 ug/ml
Spiked Amount 50.000		Recovery =	109.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	2938777	37.627 ug/ml
2) T Naphthalene (C11.7)	5.771	3876589	44.997 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	4147884	48.242 ug/ml
5) T Acenaphthylene (C15.06)	8.095	4287689	50.480 ug/ml
7) T Acenaphthene (C15.5)	8.393	4438502	49.850 ug/ml
8) T Flouorene (C16.55)	9.171	4573173	51.348 ug/ml
9) T Phenanthrene (C19.36)	10.563	5046935	56.350 ug/ml
10) T Anthracene (C19.43)	10.639	5044982	57.292 ug/ml
12) T Fluoranthene (C21.85)	12.372	5531362	62.957 ug/ml
13) T Pyrene (C20.8)	12.667	5467160	62.212 ug/ml
14) T Benzo[a]anthracene (C...	14.539	5670626	67.992 ug/ml
15) T Chrysene (C27.41)	14.583	5609785	66.591 ug/ml
16) T benzo[b]fluoranthene ...	16.086	5731310	63.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	5615598	62.372 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	5673109	61.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	5552310	58.850 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	5452031	59.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	5608083	57.890 ug/ml

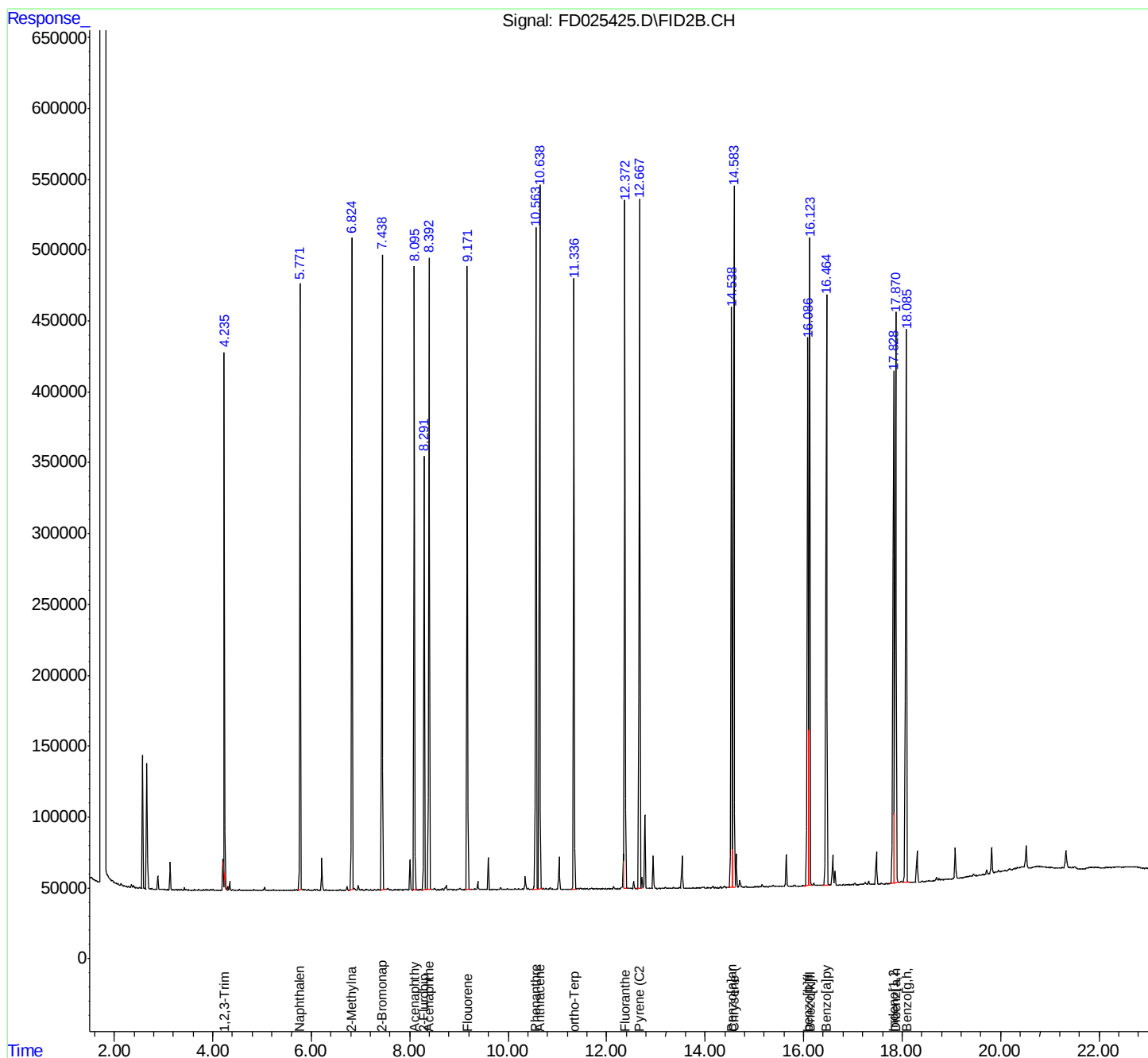
(f)=RT Delta > 1/2 Window

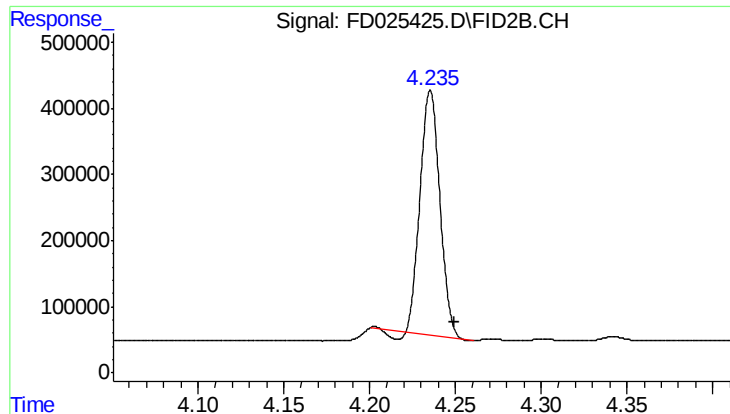
(m)=manual int.

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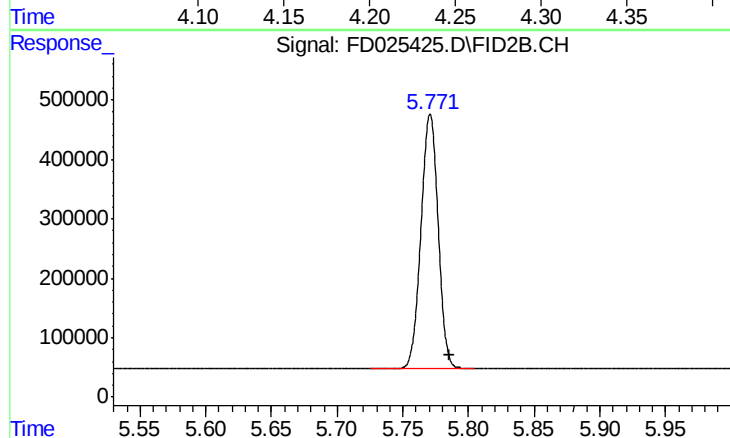
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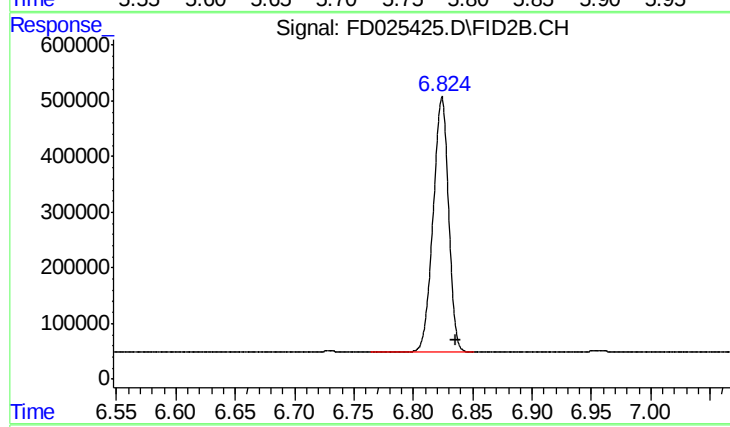
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.014 min
Response: 2938777
Conc: 37.63 ug/ml



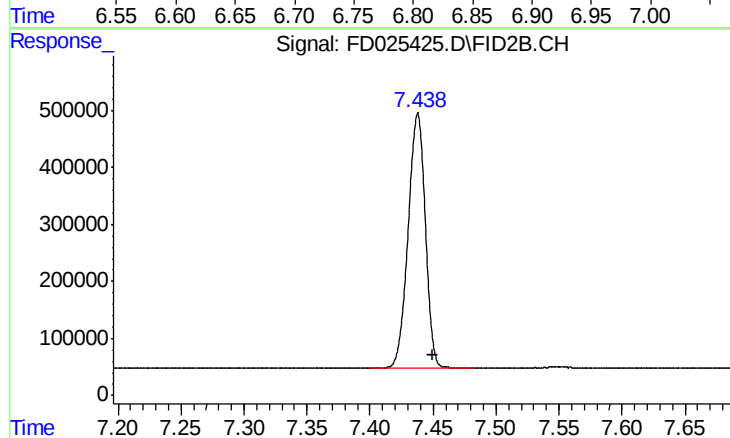
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 3876589
Conc: 45.00 ug/ml



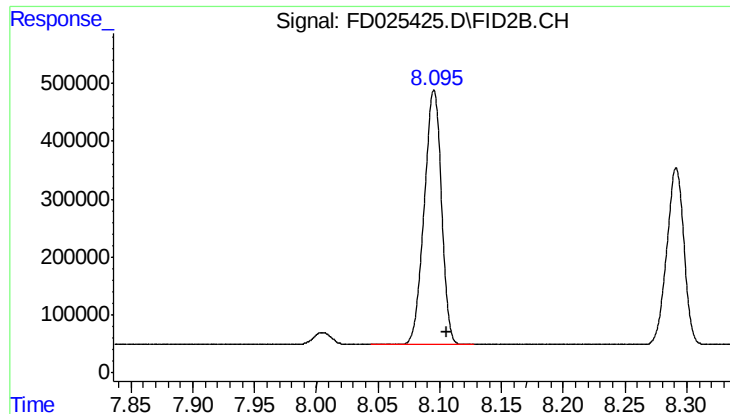
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.012 min
Response: 4147884
Conc: 48.24 ug/ml



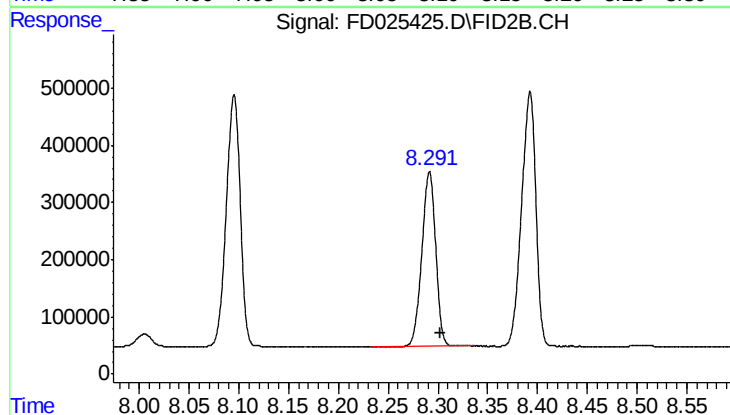
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.011 min
Response: 4224256
Conc: 54.72 ug/ml



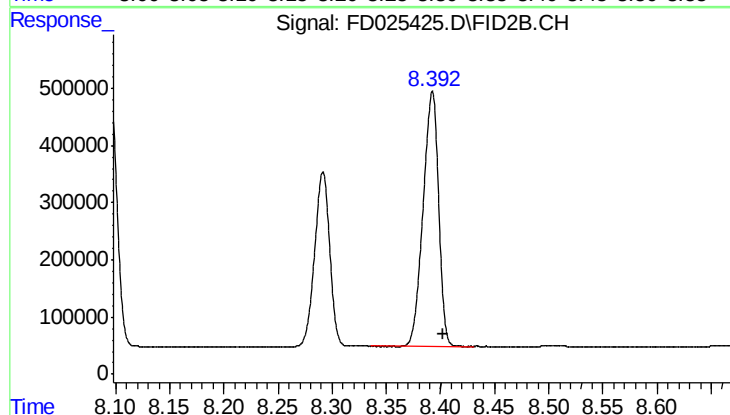
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 4287689
Conc: 50.48 ug/ml



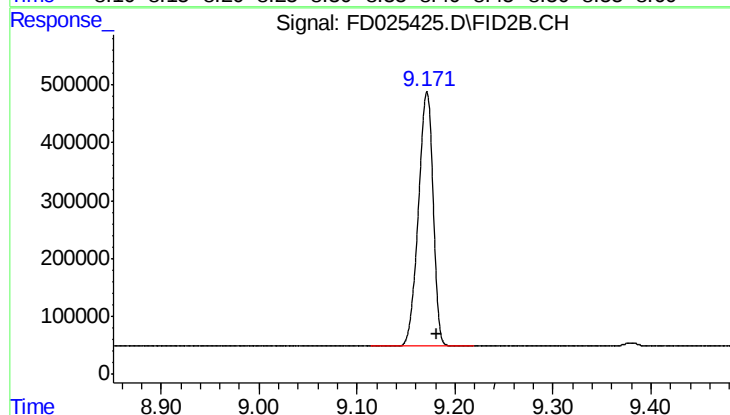
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 2950702
Conc: 54.88 ug/ml



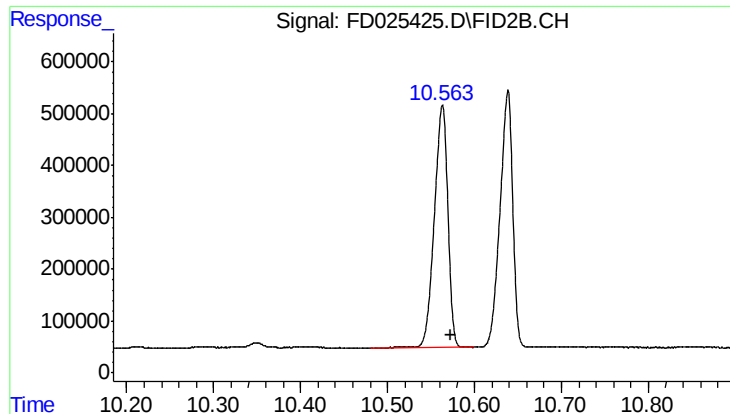
#7 Acenaphthene (C15.5)

R.T.: 8.393 min
Delta R.T.: -0.010 min
Response: 4438502
Conc: 49.85 ug/ml



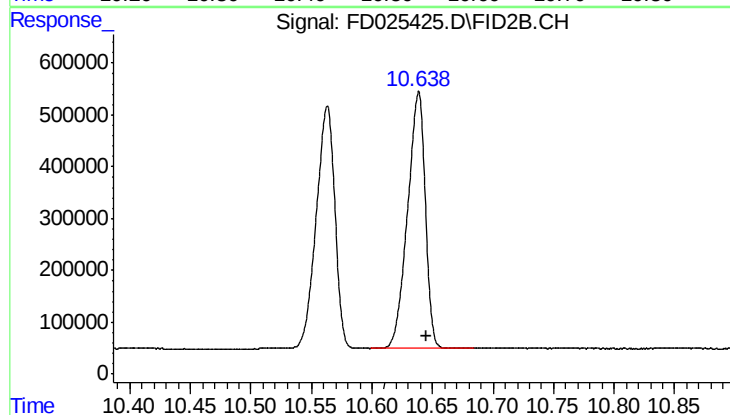
#8 Fluorene (C16.55)

R.T.: 9.171 min
Delta R.T.: -0.009 min
Response: 4573173
Conc: 51.35 ug/ml



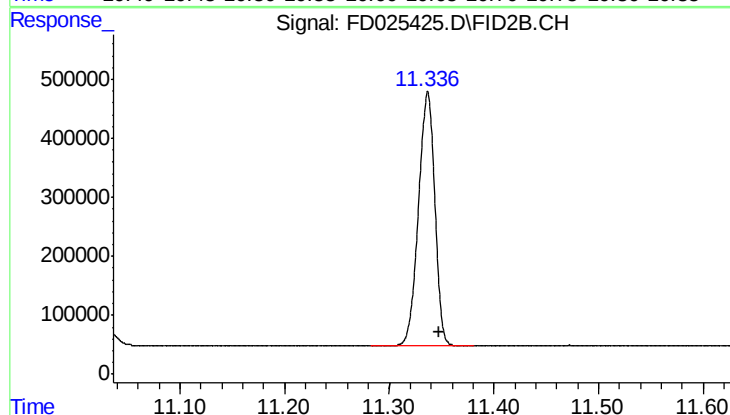
#9 Phenanthrene (C19.36)

R.T.: 10.563 min
Delta R.T.: -0.009 min
Response: 5046935
Conc: 56.35 ug/ml



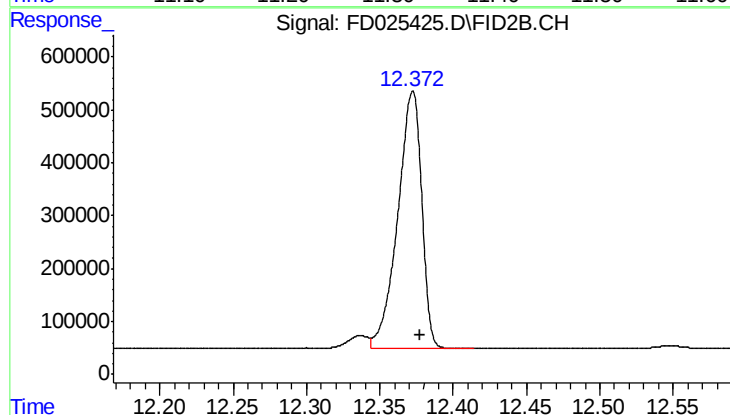
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 5044982
Conc: 57.29 ug/ml



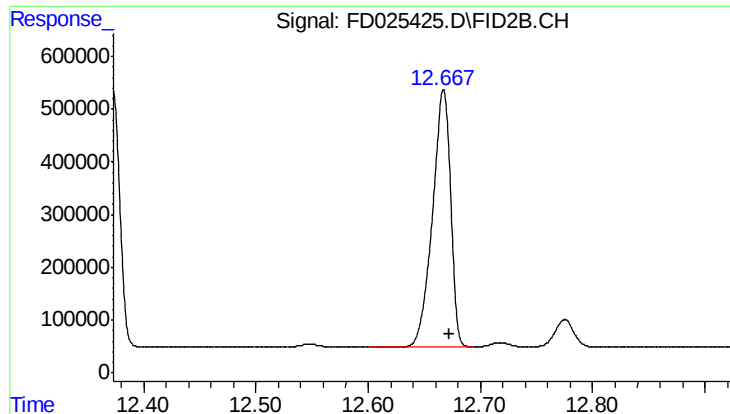
#11 ortho-Terphenyl (SURRE)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 4645980
Conc: 54.75 ug/ml



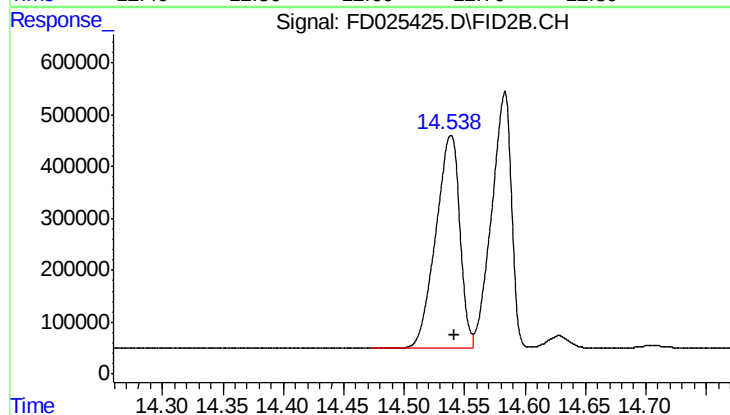
#12 Fluoranthene (C21.85)

R.T.: 12.372 min
Delta R.T.: -0.005 min
Response: 5531362
Conc: 62.96 ug/ml



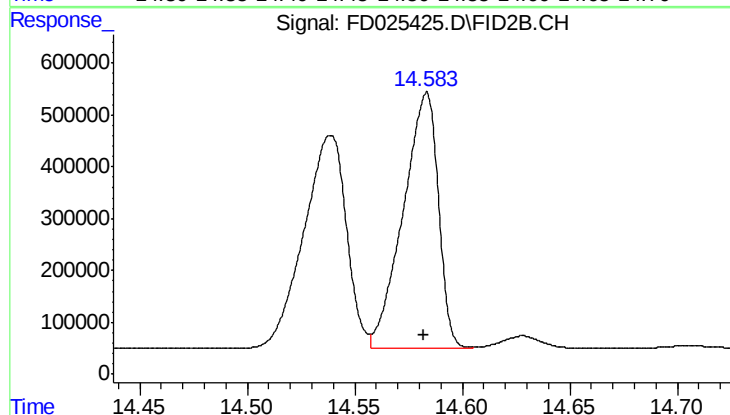
#13 Pyrene (C20.8)

R.T.: 12.667 min
Delta R.T.: -0.005 min
Response: 5467160
Conc: 62.21 ug/ml



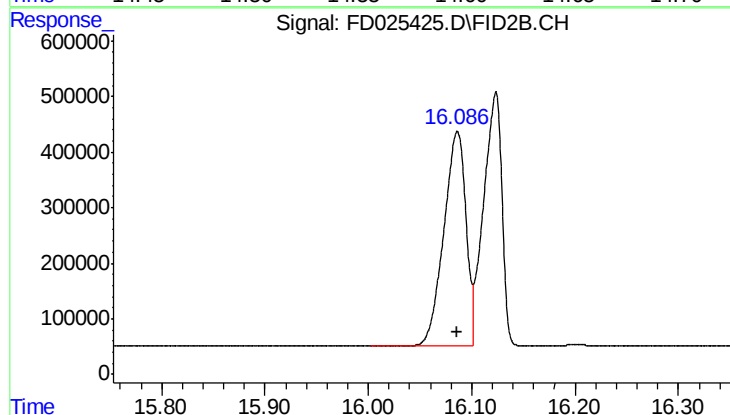
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.539 min
Delta R.T.: -0.003 min
Response: 5670626
Conc: 67.99 ug/ml



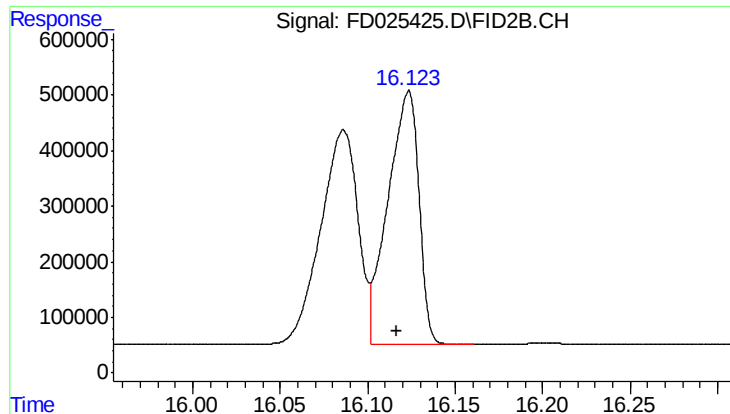
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.002 min
Response: 5609785
Conc: 66.59 ug/ml



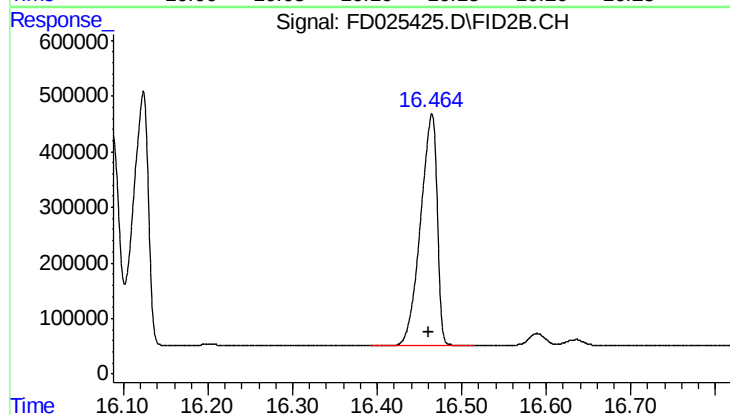
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 5731310
Conc: 63.70 ug/ml



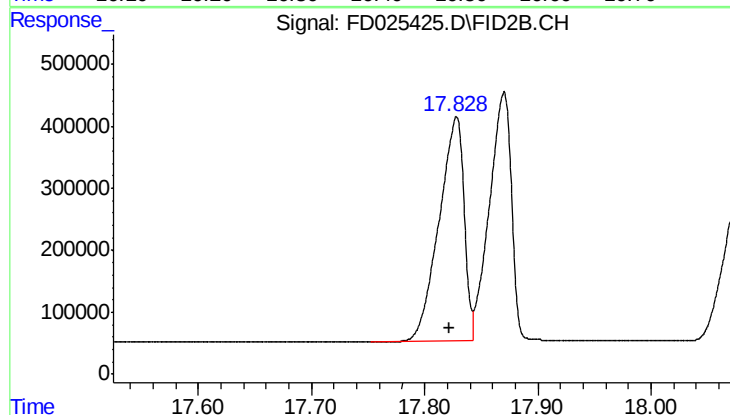
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.007 min
Response: 5615598
Conc: 62.37 ug/ml



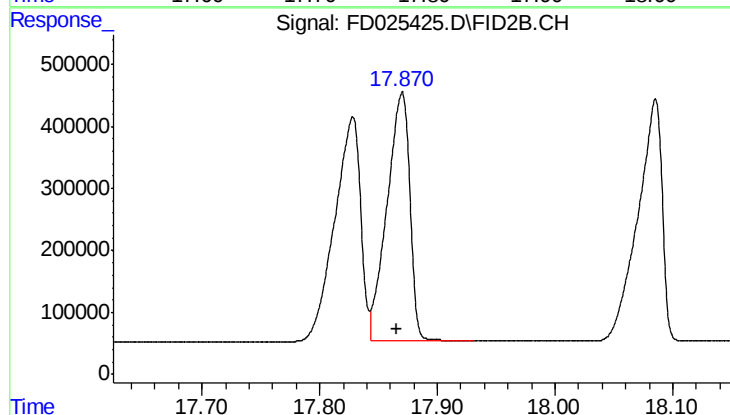
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.004 min
Response: 5673109
Conc: 61.63 ug/ml



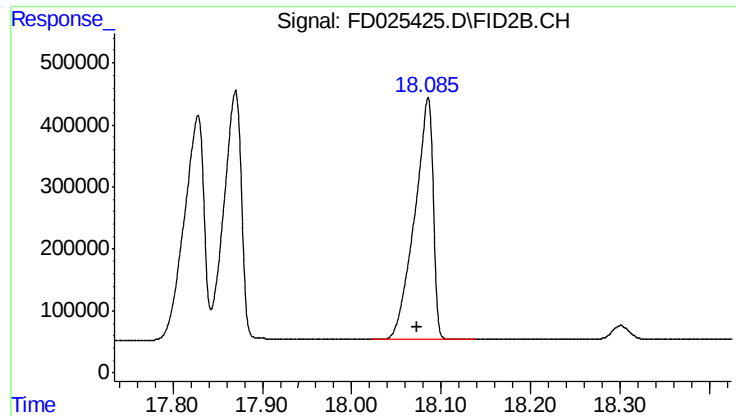
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.006 min
Response: 5552310
Conc: 58.85 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.004 min
Response: 5452031
Conc: 59.58 ug/ml



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

R.T.: 18.085 min
Delta R.T.: 0.012 min
Response: 5608083
Conc: 57.89 ug/ml