

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071718AR\
 Data File : FD025068.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jul 2018 10:51
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 03:19:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.472	1841330	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
6) S 2-Fluorobiphenyl (SURR)	8.328	1158578	18.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.53%
11) S ortho-Terphenyl (SURR)	11.377	1776676	17.704 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	2166772	23.314 ug/ml
2) T Naphthalene (C11.7)	5.805	2225348	21.930 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	2098016	20.635 ug/ml
5) T Acenaphthylene (C15.06)	8.132	1856554	18.594 ug/ml
7) T Acenaphthene (C15.5)	8.428	1924475	18.423 ug/ml
8) T Fluorene (C16.55)	9.208	1845548	17.663 ug/ml
9) T Phenanthrene (C19.36)	10.601	1822581	17.726 ug/ml
10) T Anthracene (C19.43)	10.675	1810536	17.759 ug/ml
12) T Fluoranthene (C21.85)	12.411	1950911	19.566 ug/ml
13) T Pyrene (C20.8)	12.707	1981849	19.930 ug/ml
14) T Benzo[alanthracene (C...	14.580	2042454	21.756 ug/ml
15) T Chrysene (C27.41)	14.622	2045712	21.624 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2110127	20.406 ug/ml
17) T Benzo[k]fluoranthene ...	16.161	2114684	20.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	2092644	20.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	2043780	19.175 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	2098903	20.068 ug/ml
21) T Benzo[a,h,i]perylene ...	18.122	2049991	19.300 ug/ml

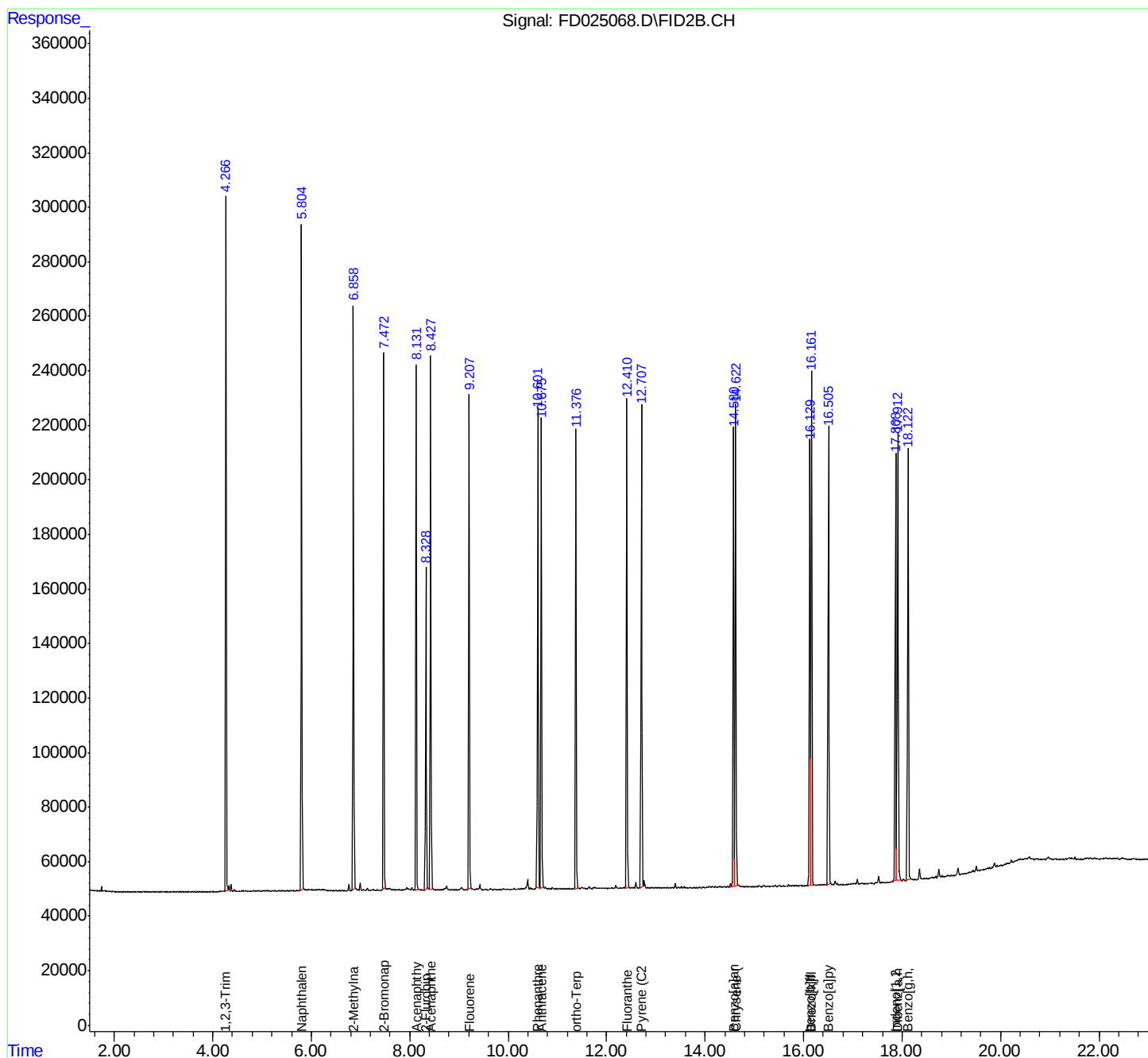
(f)=RT Delta > 1/2 Window

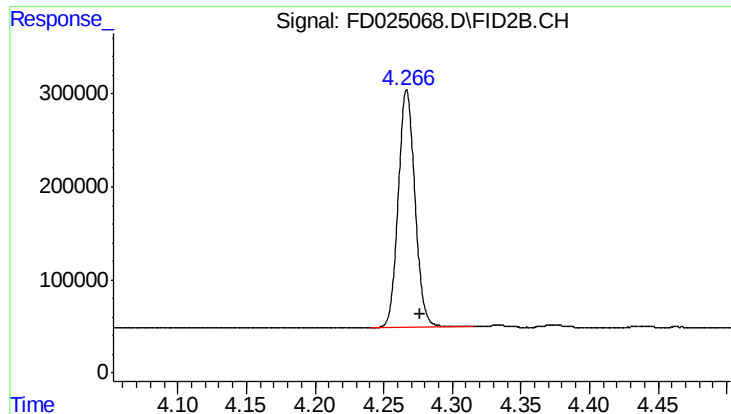
(m)=manual int.

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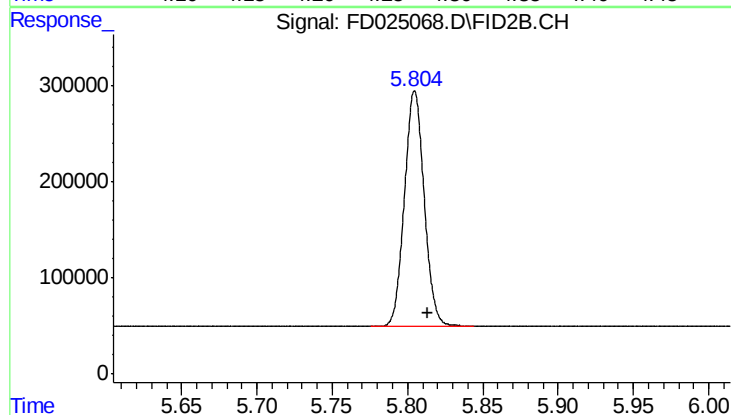
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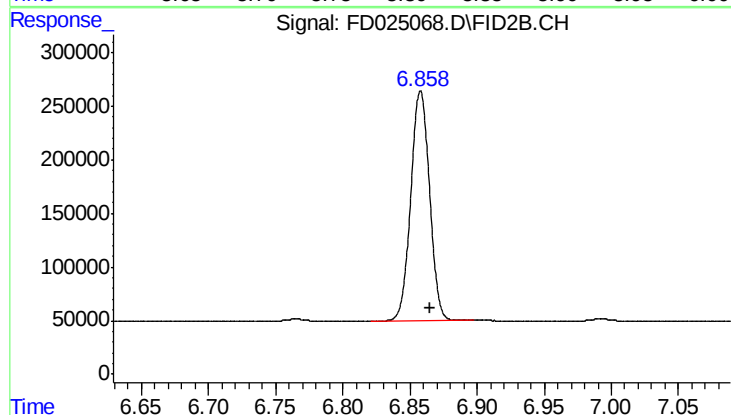
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.267 min
Delta R.T.: -0.009 min
Response: 2166772
Conc: 23.31 ug/ml



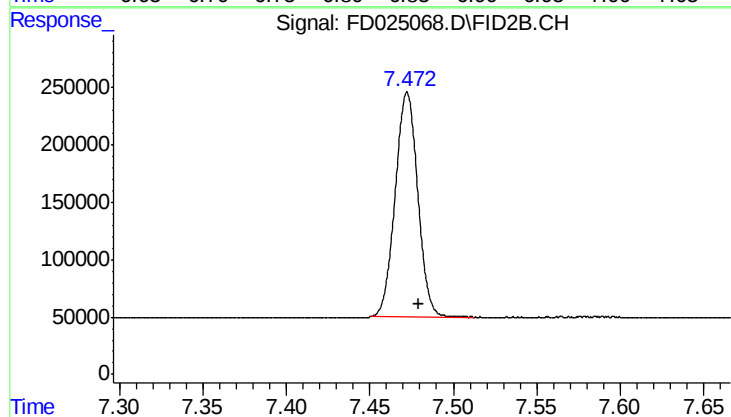
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.009 min
Response: 2225348
Conc: 21.93 ug/ml



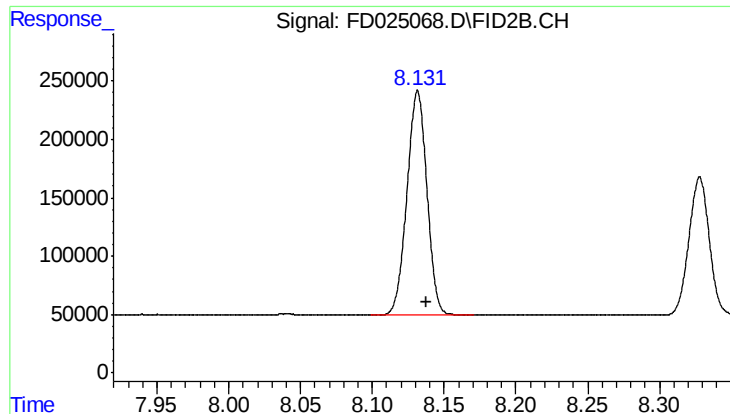
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 2098016
Conc: 20.63 ug/ml



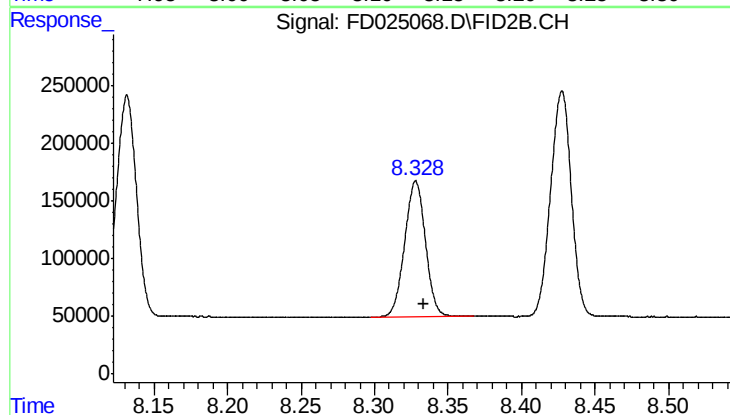
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 1841330
Conc: 20.13 ug/ml



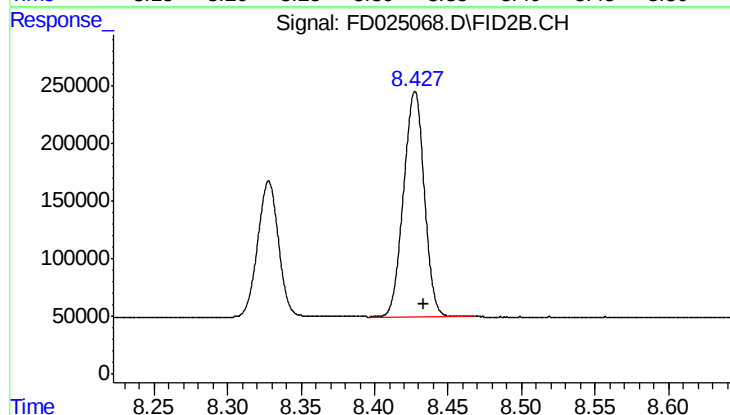
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 1856554
Conc: 18.59 ug/ml



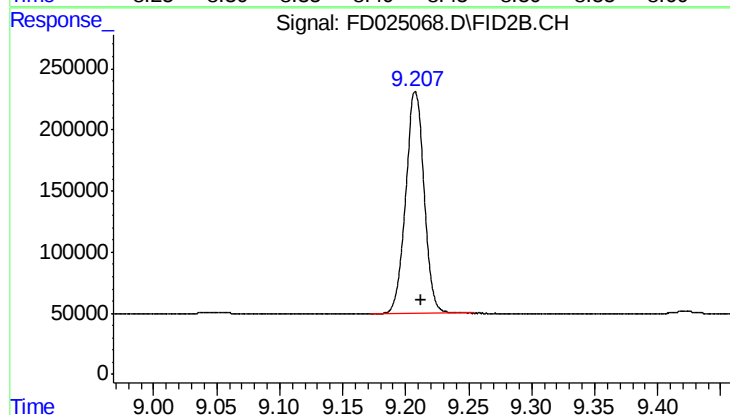
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 1158578
Conc: 18.27 ug/ml



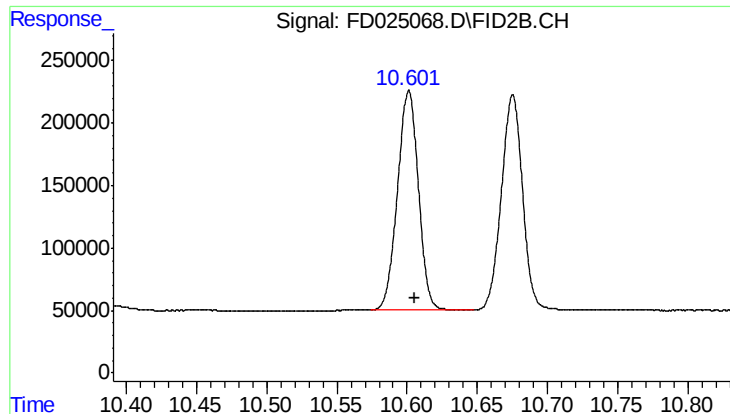
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.006 min
Response: 1924475
Conc: 18.42 ug/ml



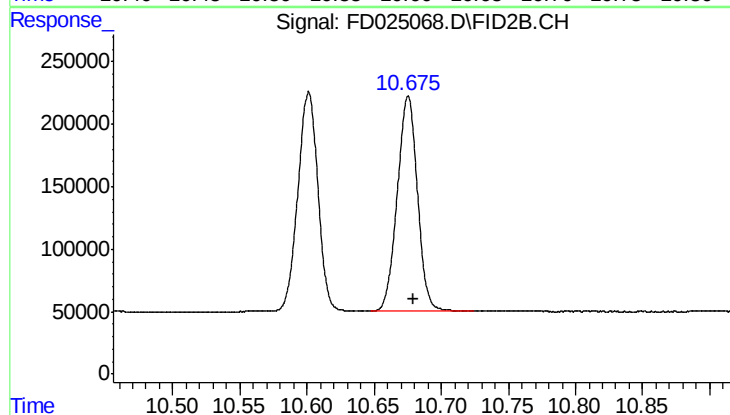
#8 Fluorene (C16.55)

R.T.: 9.208 min
Delta R.T.: -0.005 min
Response: 1845548
Conc: 17.66 ug/ml



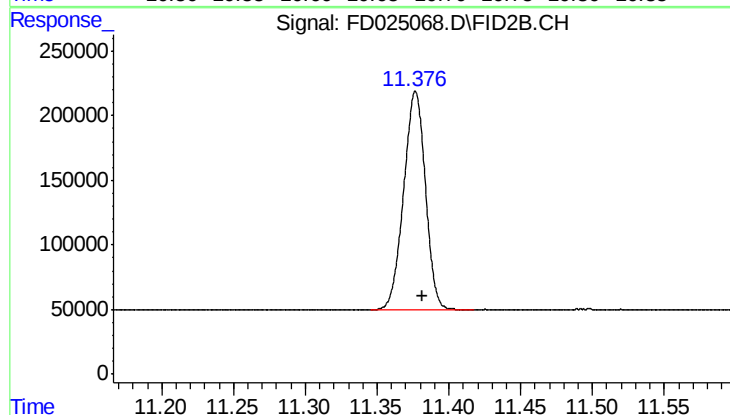
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.004 min
Response: 1822581
Conc: 17.73 ug/ml



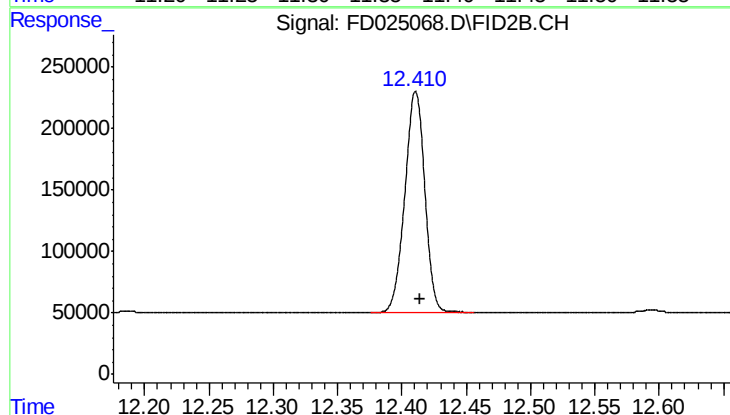
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.004 min
Response: 1810536
Conc: 17.76 ug/ml



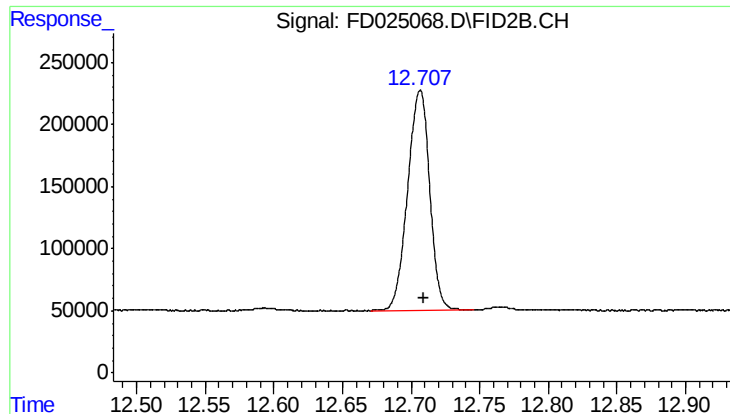
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.005 min
Response: 1776676
Conc: 17.70 ug/ml



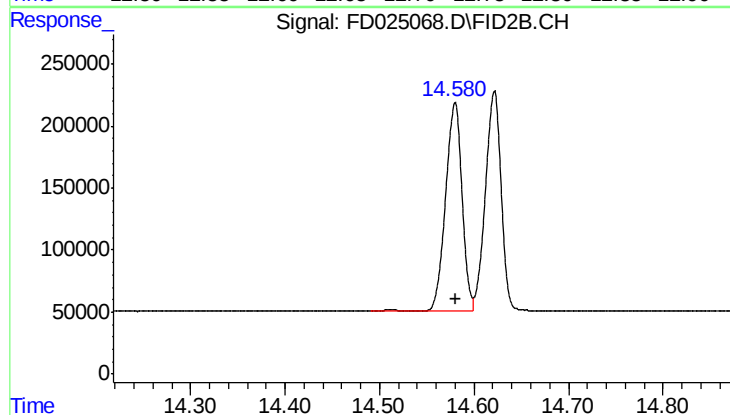
#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: -0.003 min
Response: 1950911
Conc: 19.57 ug/ml



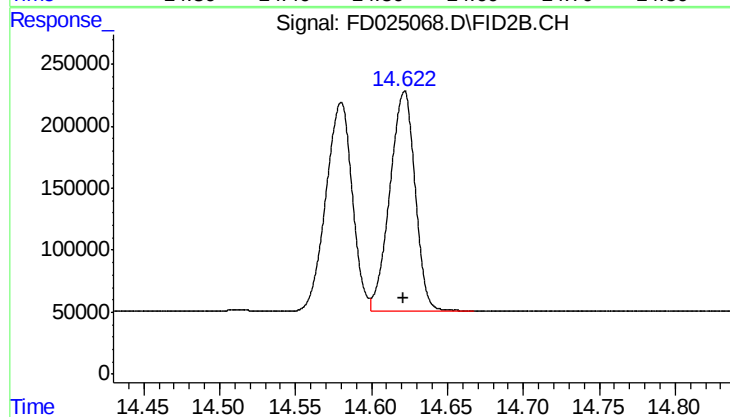
#13 Pyrene (C20.8)

R.T.: 12.707 min
Delta R.T.: -0.002 min
Response: 1981849
Conc: 19.93 ug/ml



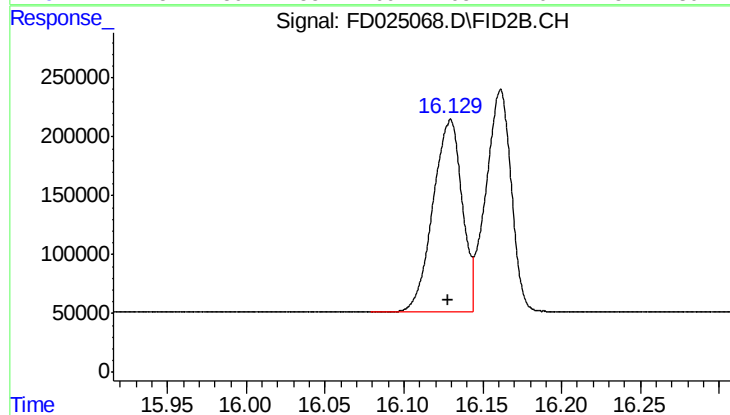
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: 0.000 min
Response: 2042454
Conc: 21.76 ug/ml



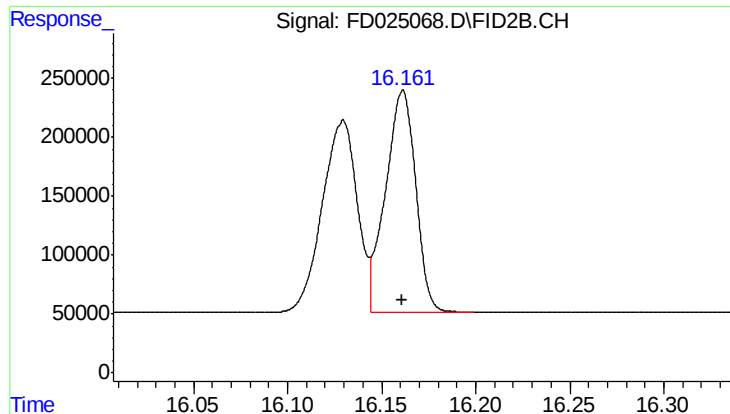
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.000 min
Response: 2045712
Conc: 21.62 ug/ml



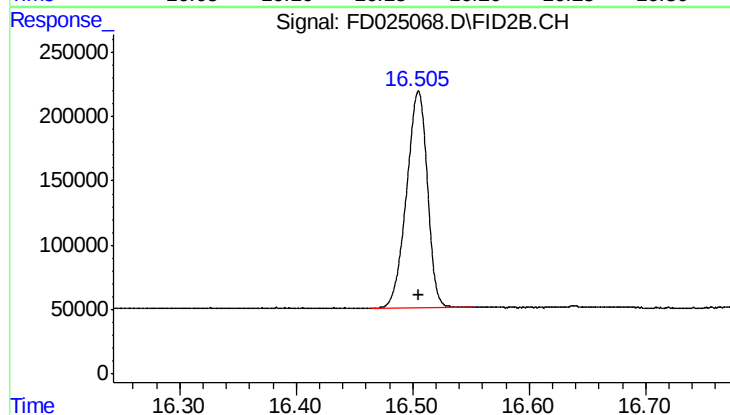
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 2110127
Conc: 20.41 ug/ml



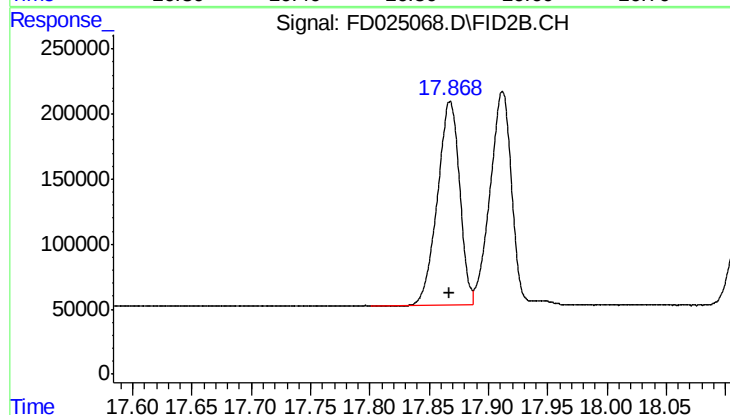
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 2114684
Conc: 20.04 ug/ml



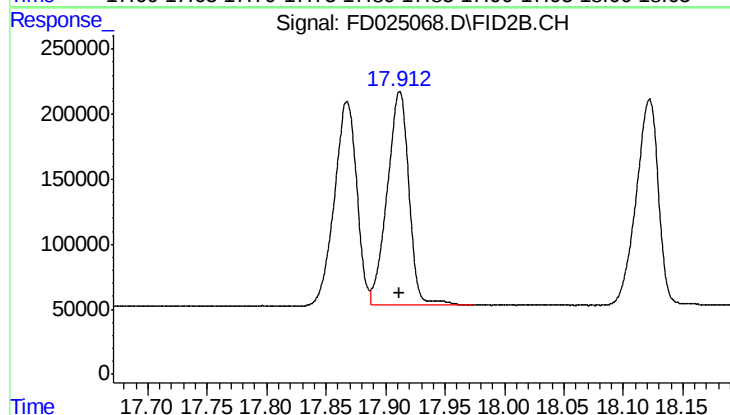
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.000 min
Response: 2092644
Conc: 20.14 ug/ml



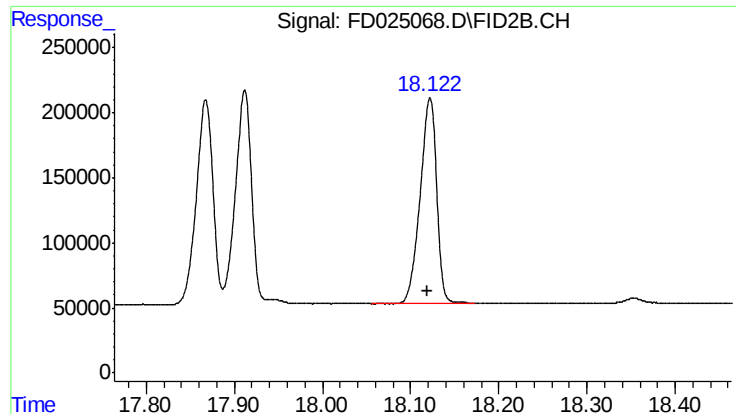
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: 0.000 min
Response: 2043780
Conc: 19.17 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.000 min
Response: 2098903
Conc: 20.07 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.003 min
Response: 2049991
Conc: 19.30 ug/ml