

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071118AR\
 Data File : FD024942.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2018 14:33
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 07:56:52 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	1883747	20.592 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
6) S 2-Fluorobiphenyl (SURR)	8.328	1209946	19.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.15%
11) S ortho-Terphenyl (SURR)	11.378	1838740	18.322 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	2100694	22.603 ug/ml
2) T Naphthalene (C11.7)	5.805	2214367	21.822 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	2132218	20.971 ug/ml
5) T Acenaphthylene (C15.06)	8.132	1937402	19.403 ug/ml
7) T Acenaphthene (C15.5)	8.428	2007564	19.218 ug/ml
8) T Fluorene (C16.55)	9.208	1930546	18.477 ug/ml
9) T Phenanthrene (C19.36)	10.602	1872857	18.215 ug/ml
10) T Anthracene (C19.43)	10.677	1847697	18.123 ug/ml
12) T Fluoranthene (C21.85)	12.414	1954775	19.604 ug/ml
13) T Pyrene (C20.8)	12.709	1972598	19.837 ug/ml
14) T Benzo[alanthracene (C...	14.583	1988403	21.180 ug/ml
15) T Chrysene (C27.41)	14.624	2004177	21.185 ug/ml
16) T benzo[b]fluoranthene ...	16.132	2049182	19.816 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	2081400	19.724 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	2036288	19.595 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	2005799	18.818 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	2070928	19.800 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.127	2020052	19.018 ug/ml

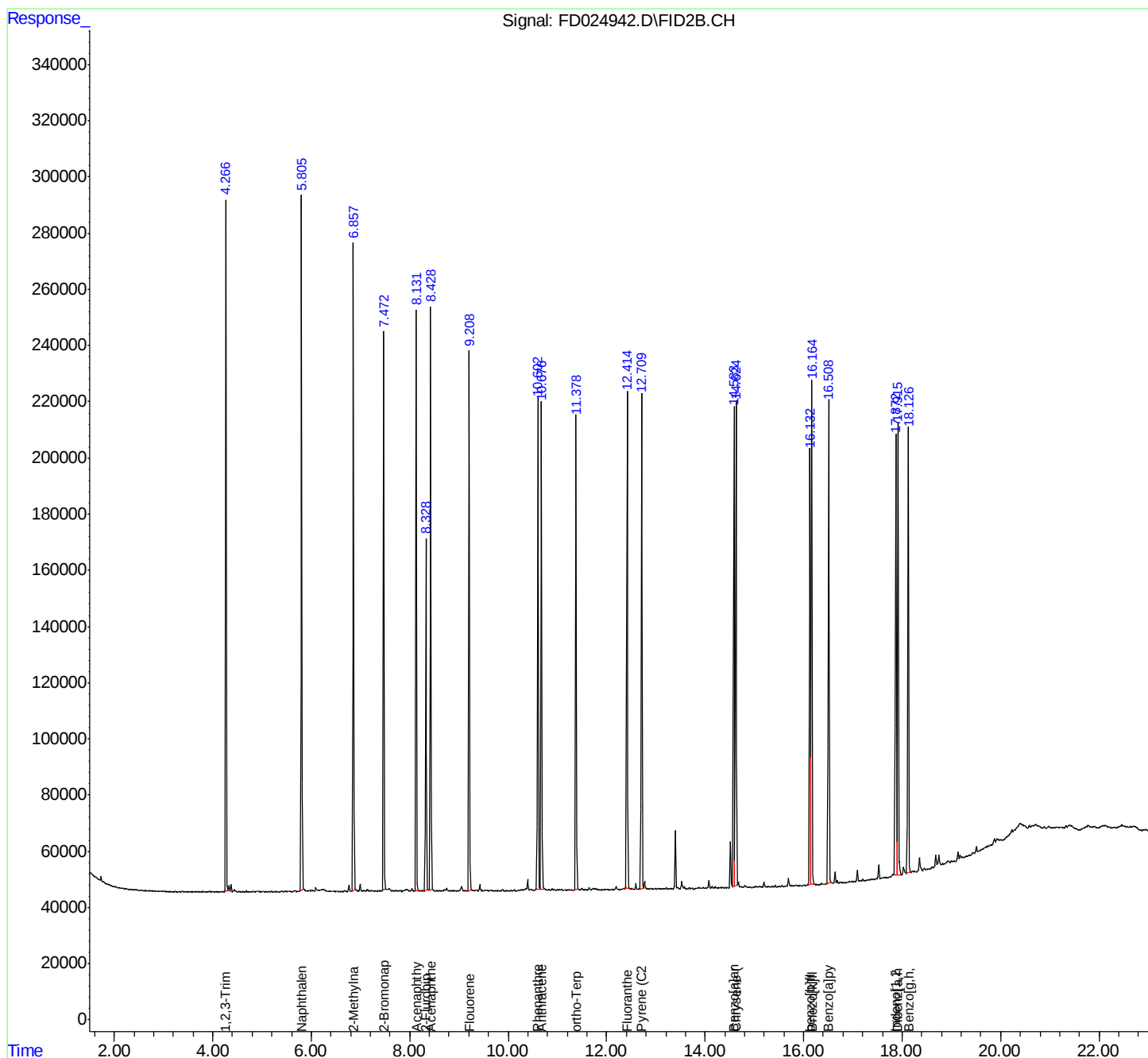
(f)=RT Delta > 1/2 Window

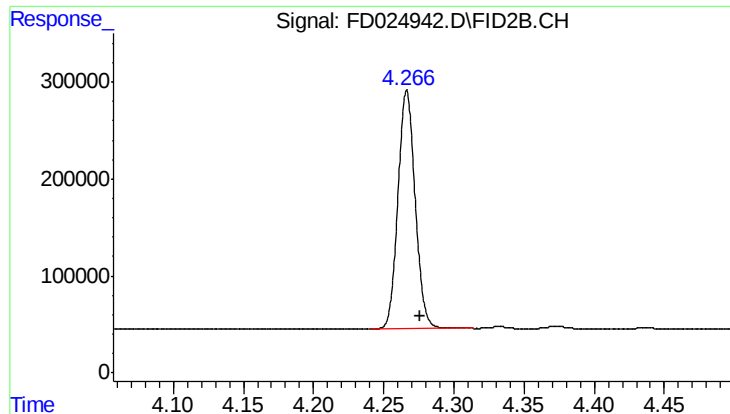
(m)=manual int.

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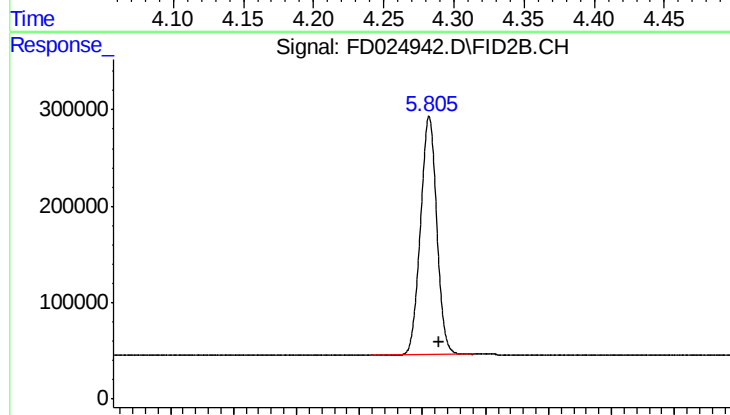
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





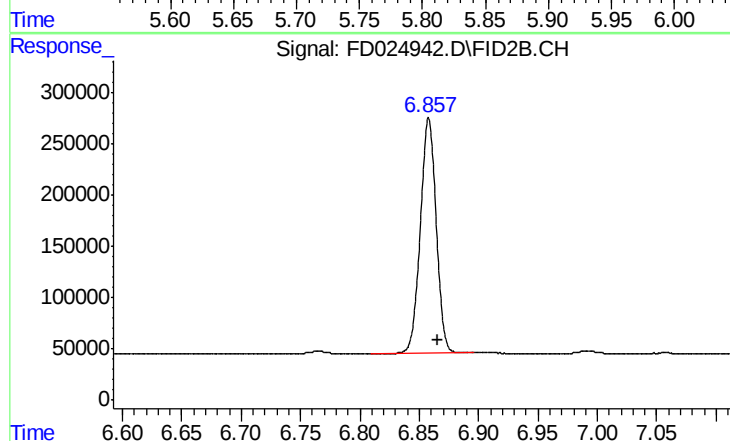
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.267 min
Delta R.T.: -0.010 min
Response: 2100694
Conc: 22.60 ug/ml



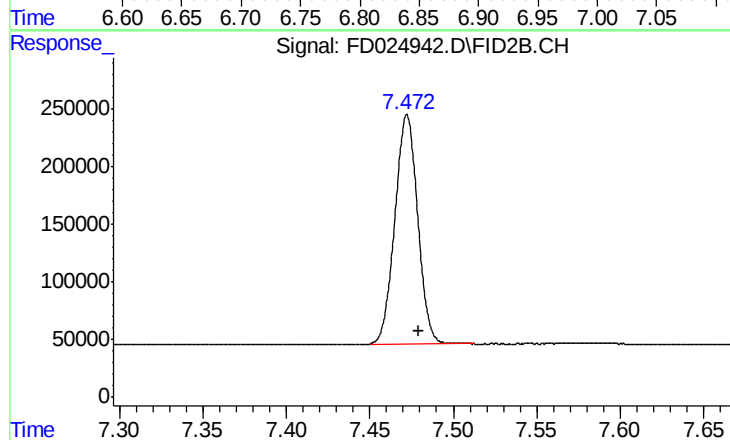
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.008 min
Response: 2214367
Conc: 21.82 ug/ml



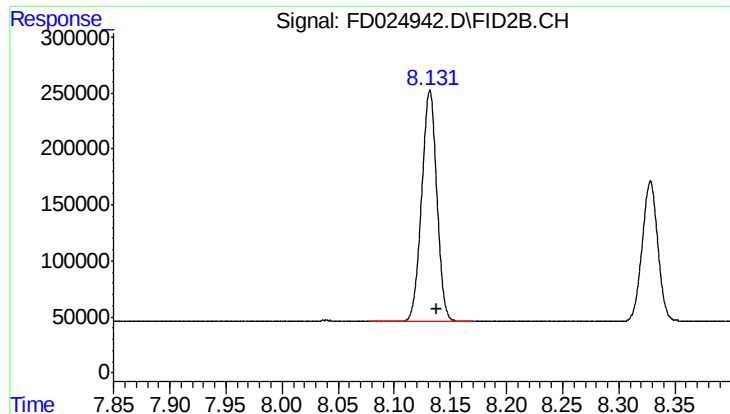
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 2132218
Conc: 20.97 ug/ml



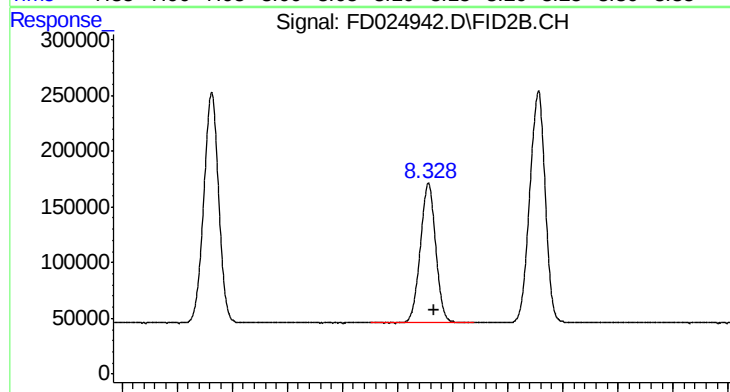
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 1883747
Conc: 20.59 ug/ml



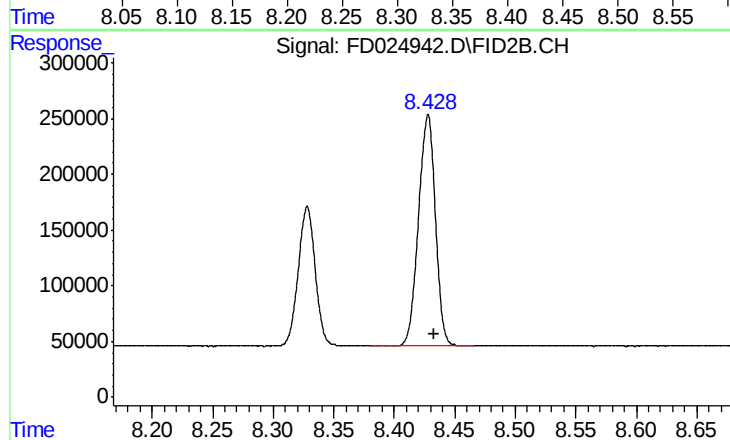
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 1937402
Conc: 19.40 ug/ml



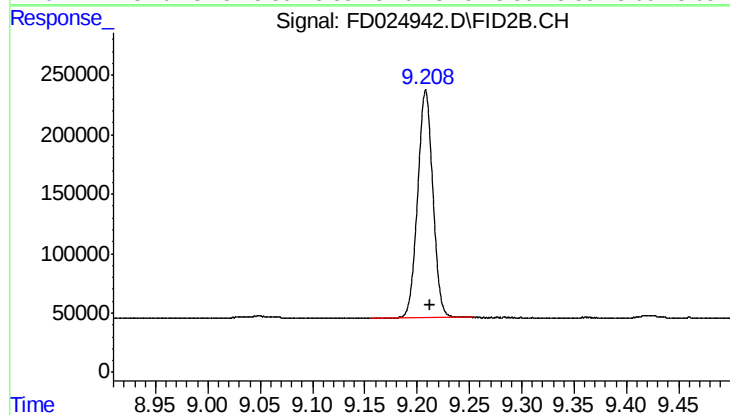
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 1209946
Conc: 19.08 ug/ml



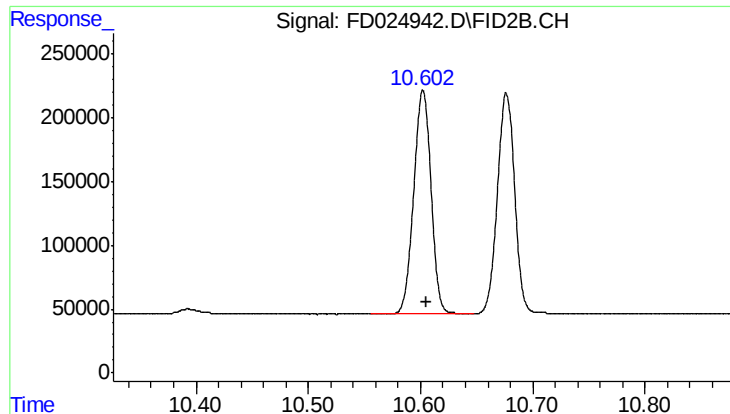
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.005 min
Response: 2007564
Conc: 19.22 ug/ml



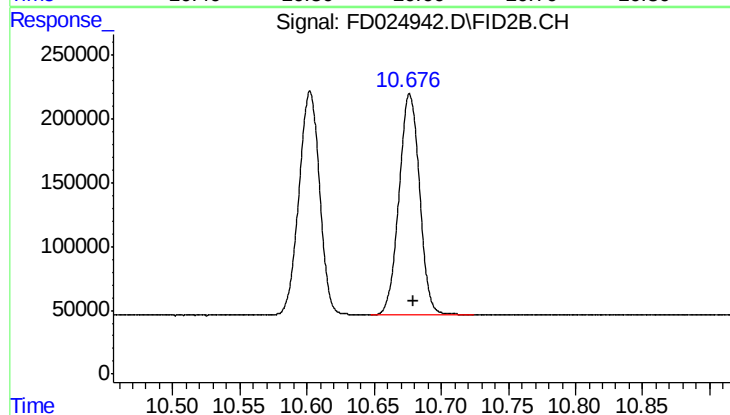
#8 Fluorene (C16.55)

R.T.: 9.208 min
Delta R.T.: -0.004 min
Response: 1930546
Conc: 18.48 ug/ml



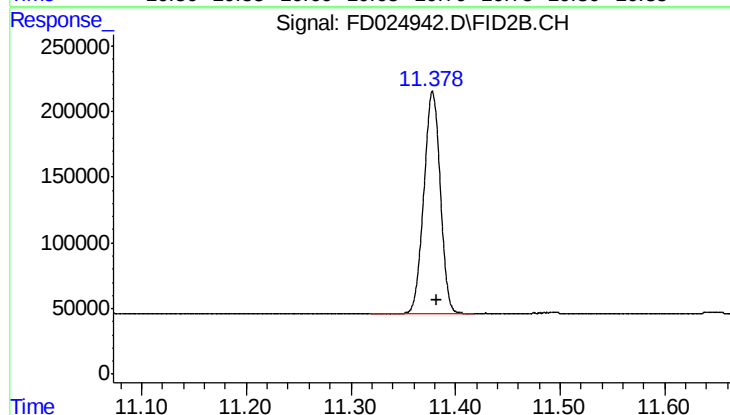
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.003 min
Response: 1872857
Conc: 18.22 ug/ml



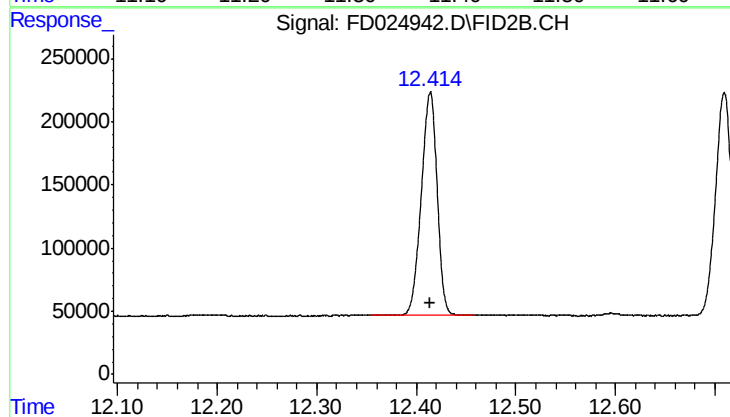
#10 Anthracene (C19.43)

R.T.: 10.677 min
Delta R.T.: -0.002 min
Response: 1847697
Conc: 18.12 ug/ml



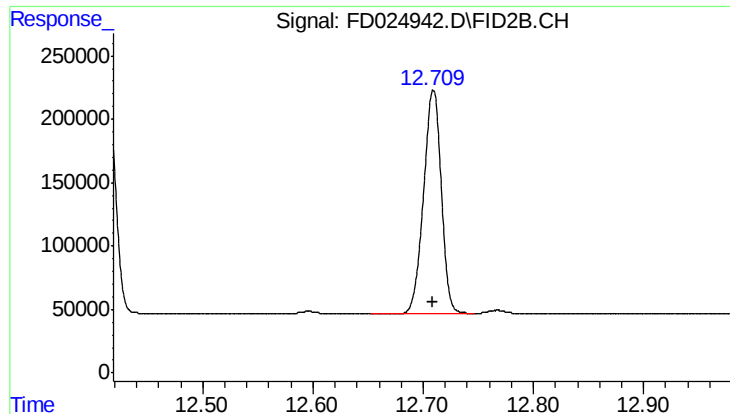
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.003 min
Response: 1838740
Conc: 18.32 ug/ml



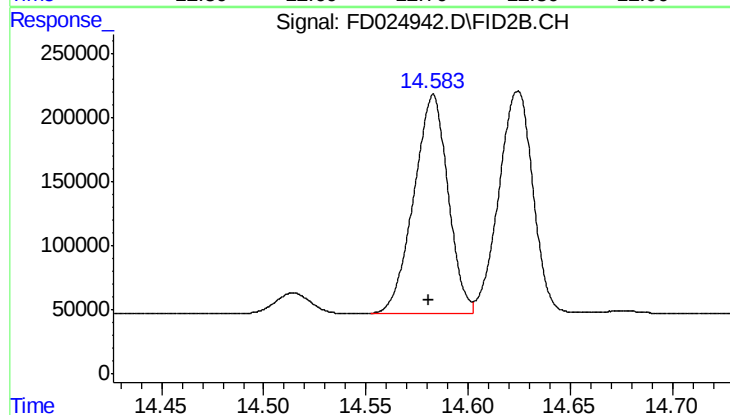
#12 Fluoranthene (C21.85)

R.T.: 12.414 min
Delta R.T.: 0.000 min
Response: 1954775
Conc: 19.60 ug/ml



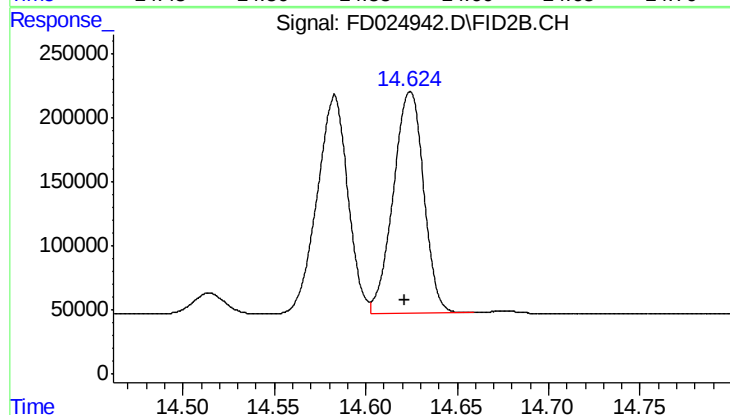
#13 Pyrene (C20.8)

R.T.: 12.709 min
Delta R.T.: 0.000 min
Response: 1972598
Conc: 19.84 ug/ml



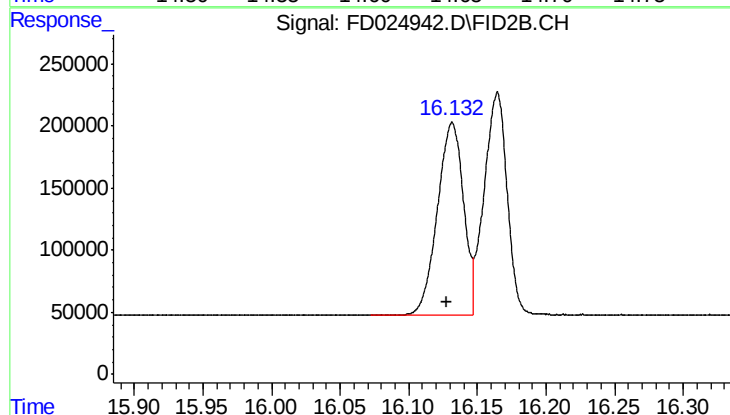
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: 0.002 min
Response: 1988403
Conc: 21.18 ug/ml



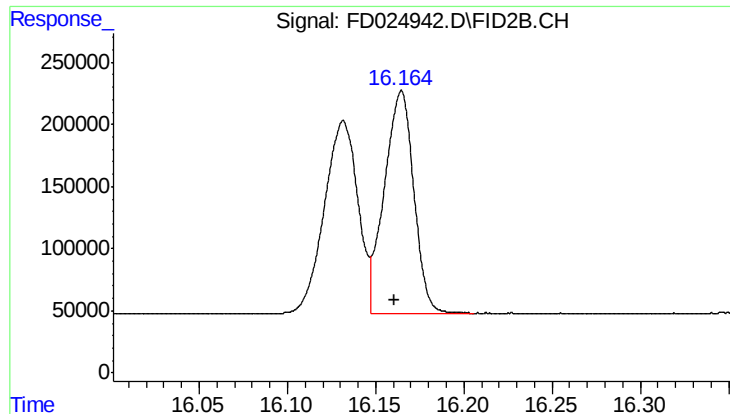
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: 0.003 min
Response: 2004177
Conc: 21.19 ug/ml



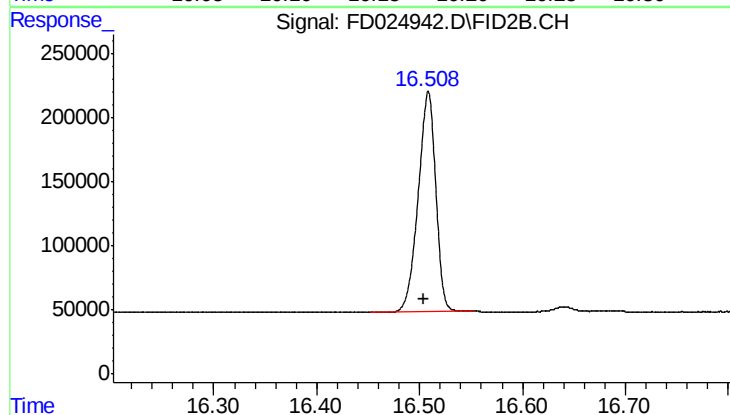
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.132 min
Delta R.T.: 0.004 min
Response: 2049182
Conc: 19.82 ug/ml



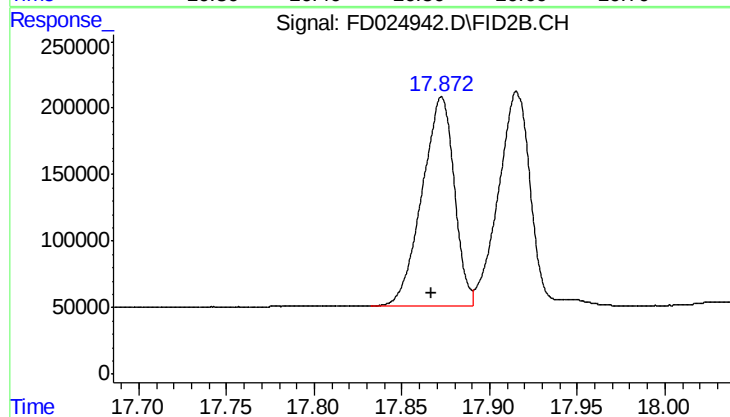
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: 0.004 min
Response: 2081400
Conc: 19.72 ug/ml



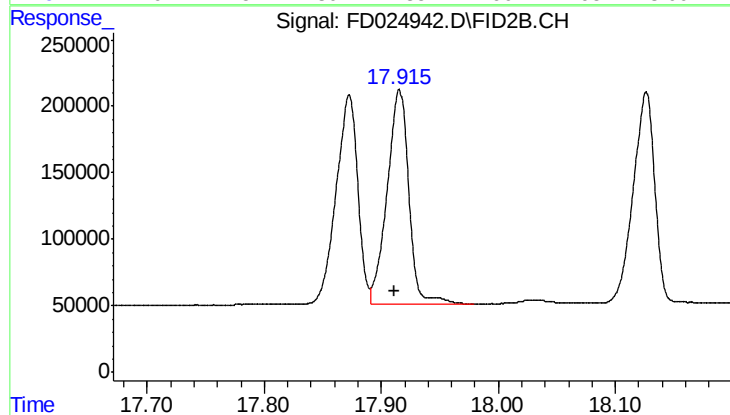
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: 0.004 min
Response: 2036288
Conc: 19.59 ug/ml



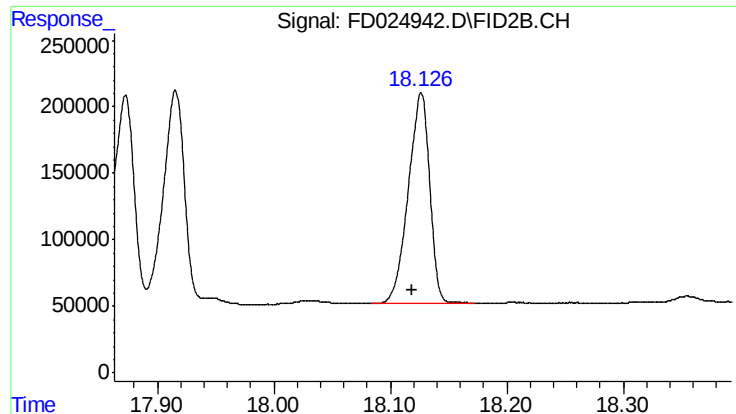
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: 0.006 min
Response: 2005799
Conc: 18.82 ug/ml



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

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 2070928
Conc: 19.80 ug/ml



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

R.T.: 18.127 min
Delta R.T.: 0.007 min
Response: 2020052
Conc: 19.02 ug/ml