

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062818AR\
 Data File : FD024799.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jun 2018 12:43
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 29 03:41:43 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...	7.480	1713317	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
6) S 2-Fluorobiphenyl (SURR)	8.334	1188175	18.734 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.47%
11) S ortho-Terphenyl (SURR)	11.384	1959399	19.524 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	1878011	20.207 ug/ml
2) T Naphthalene (C11.7)	5.812	1982231	19.535 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	1936874	19.050 ug/ml
5) T Acenaphthylene (C15.06)	8.138	1868636	18.715 ug/ml
7) T Acenaphthene (C15.5)	8.434	1951428	18.681 ug/ml
8) T Flouorene (C16.55)	9.214	1951059	18.673 ug/ml
9) T Phenanthrene (C19.36)	10.608	2031731	19.761 ug/ml
10) T Anthracene (C19.43)	10.683	2009312	19.709 ug/ml
12) T Fluoranthene (C21.85)	12.419	2205642	22.120 ug/ml
13) T Pyrene (C20.8)	12.715	2231013	22.436 ug/ml
14) T Benzo[a]anthracene (C...	14.588	2216608	23.611 ug/ml
15) T Chrysene (C27.41)	14.630	2227793	23.549 ug/ml
16) T benzo[b]fluoranthene ...	16.136	2254066	21.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	2277476	21.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	2231492	21.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	2038277	19.123 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	1991748	19.043 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	2190269	20.621 ug/ml

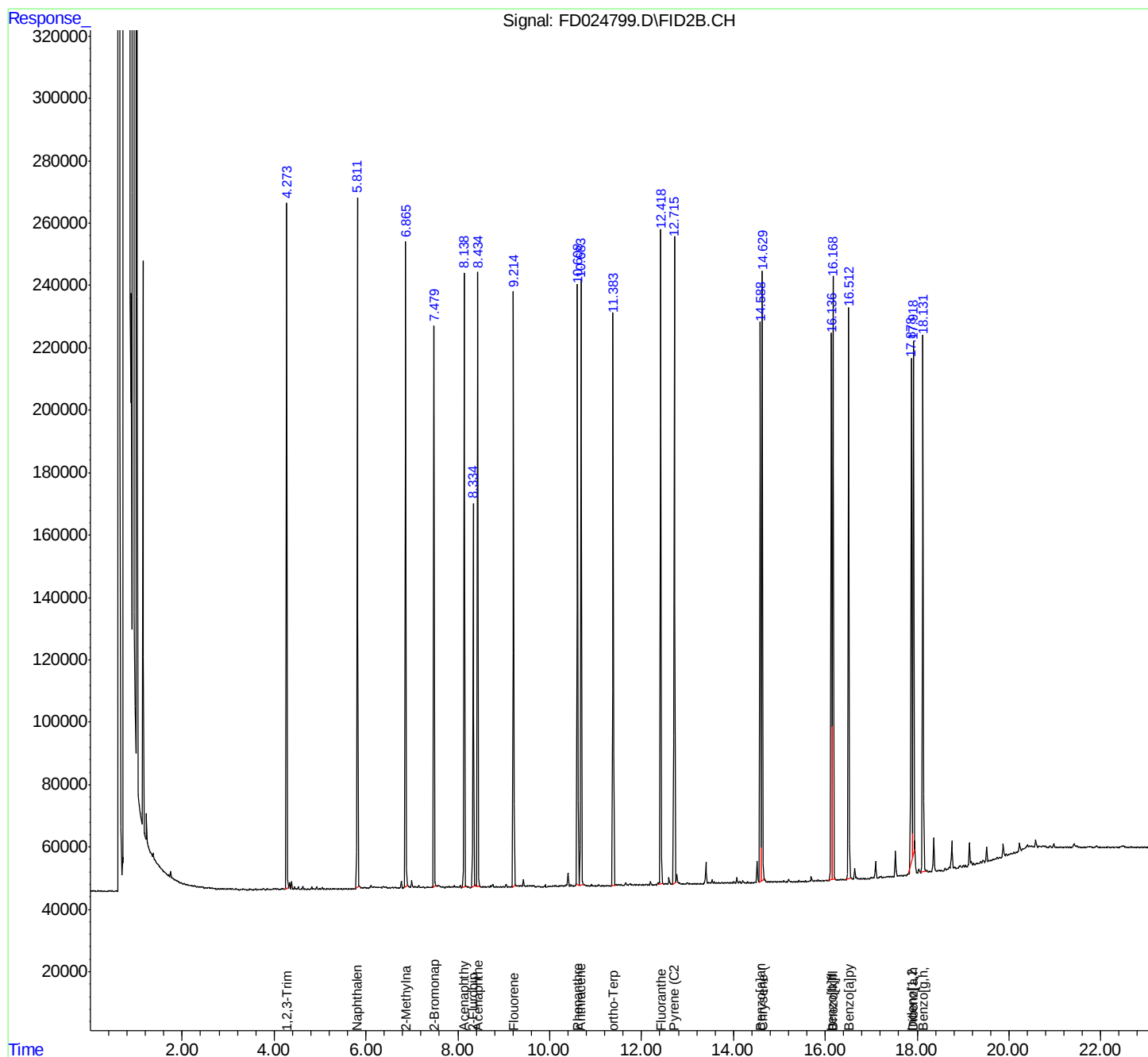
(f)=RT Delta > 1/2 Window

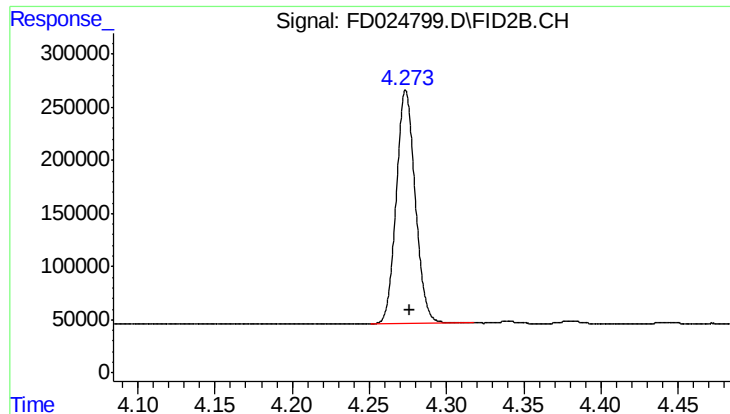
(m)=manual int.

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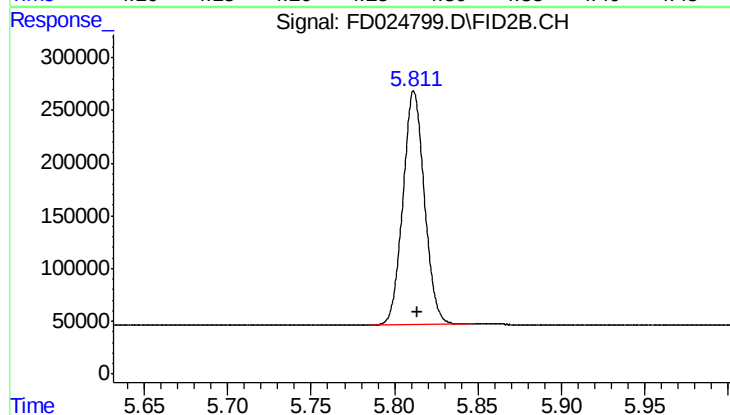
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Signal Info : 20M x 0.18mm x 0.18µm





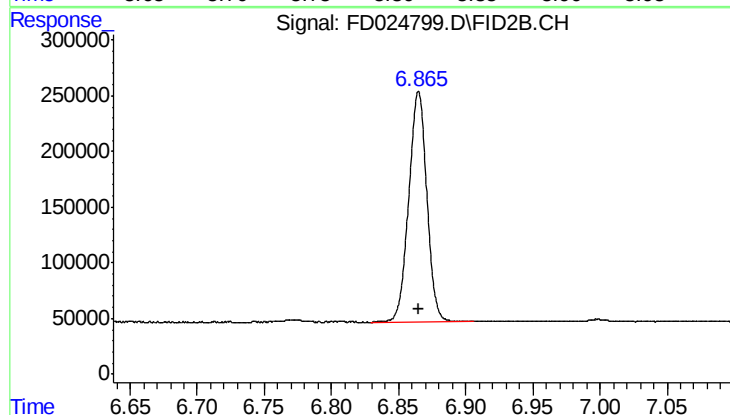
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.002 min
Response: 1878011
Conc: 20.21 ug/ml



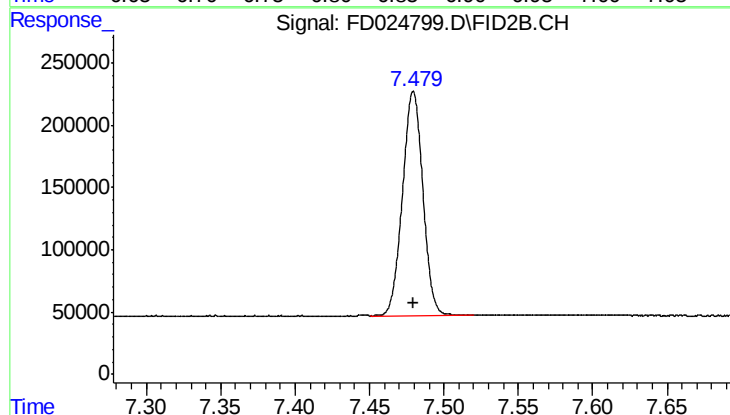
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 1982231
Conc: 19.53 ug/ml



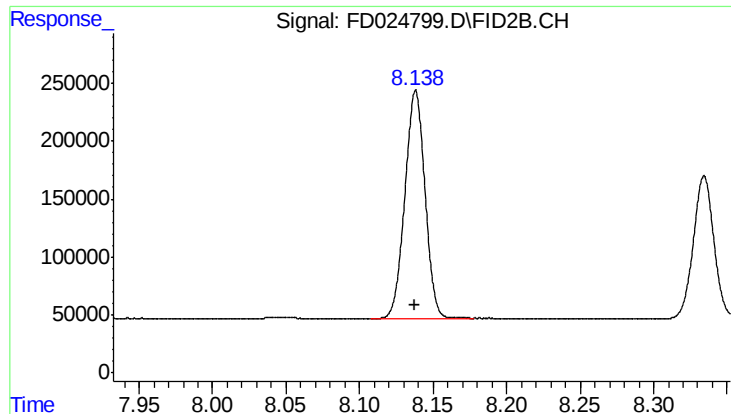
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 1936874
Conc: 19.05 ug/ml



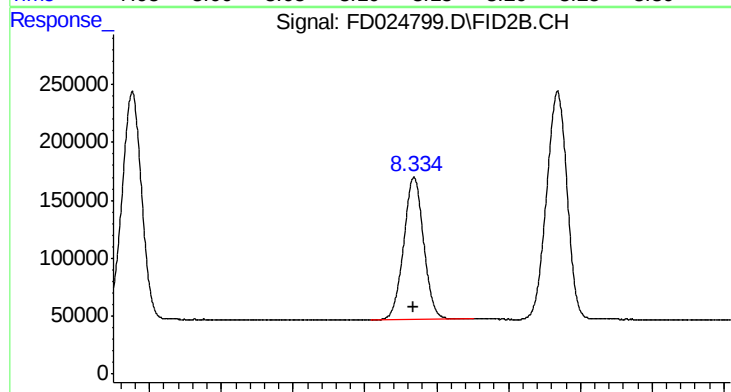
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1713317
Conc: 18.73 ug/ml



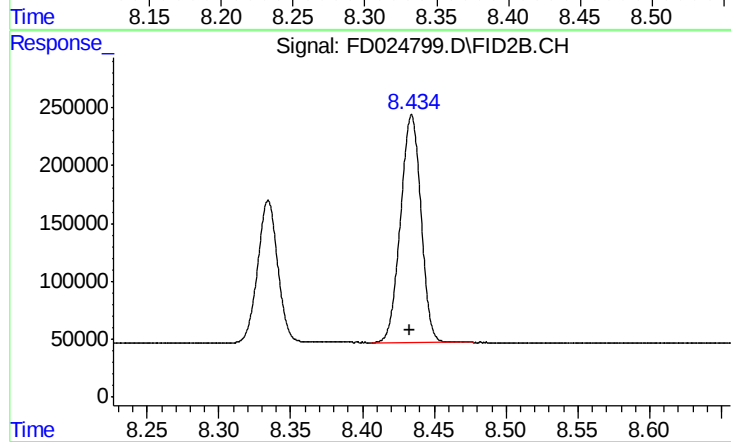
#5 Acenaphthylene (C15.06)

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 1868636
Conc: 18.71 ug/ml



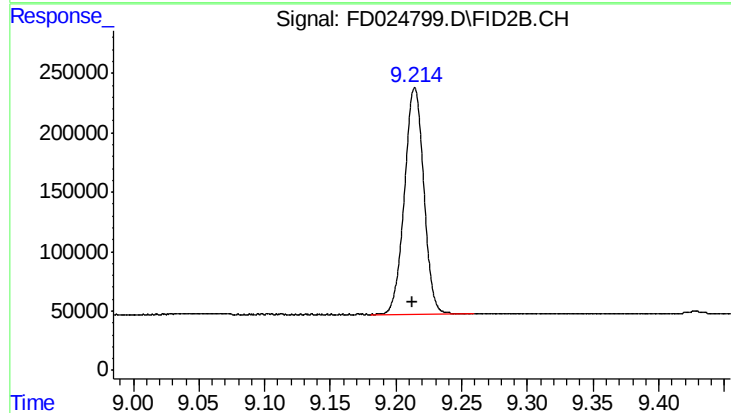
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 1188175
Conc: 18.73 ug/ml



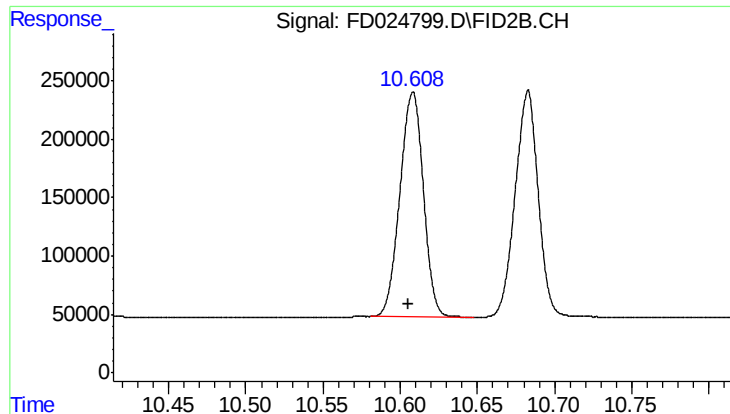
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: 0.001 min
Response: 1951428
Conc: 18.68 ug/ml



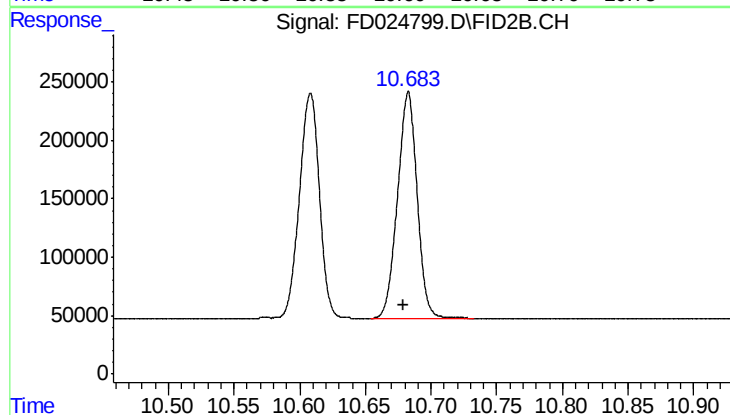
#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.002 min
Response: 1951059
Conc: 18.67 ug/ml



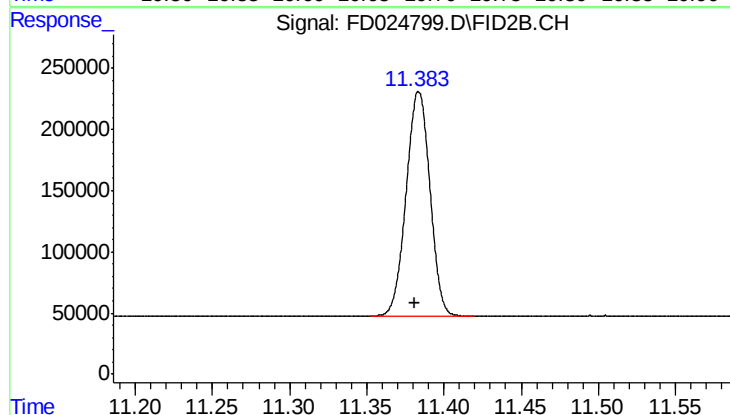
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: 0.003 min
Response: 2031731
Conc: 19.76 ug/ml



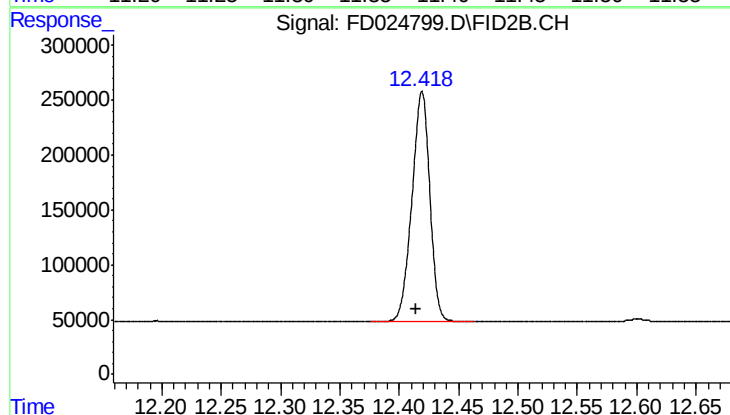
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.004 min
Response: 2009312
Conc: 19.71 ug/ml



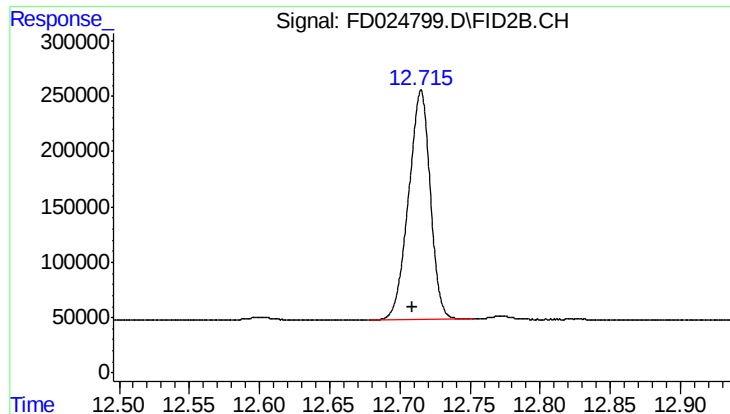
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: 0.002 min
Response: 1959399
Conc: 19.52 ug/ml



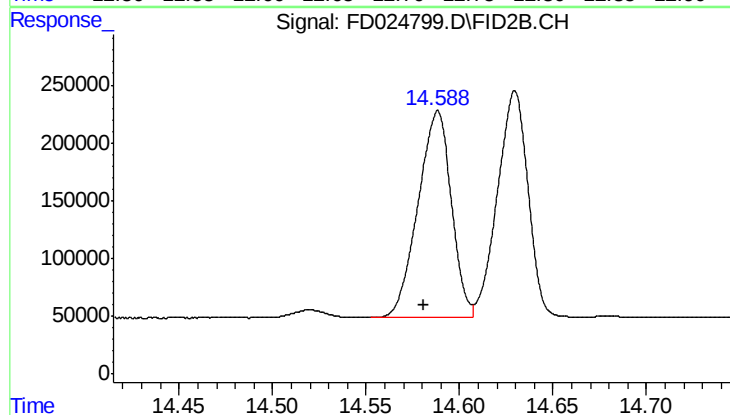
#12 Fluoranthene (C21.85)

R.T.: 12.419 min
Delta R.T.: 0.005 min
Response: 2205642
Conc: 22.12 ug/ml



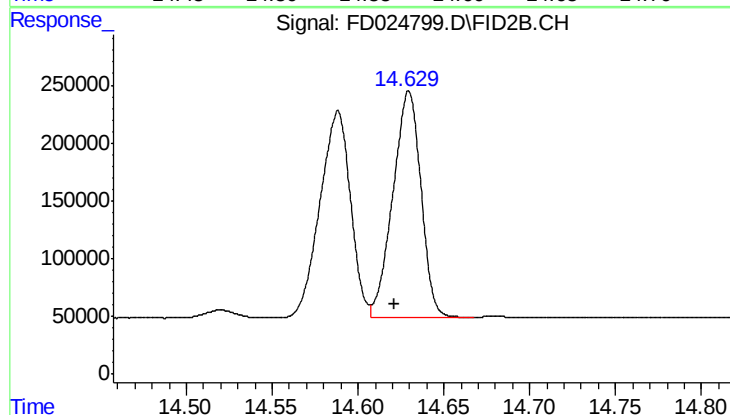
#13 Pyrene (C20.8)

R.T.: 12.715 min
Delta R.T.: 0.006 min
Response: 2231013
Conc: 22.44 ug/ml



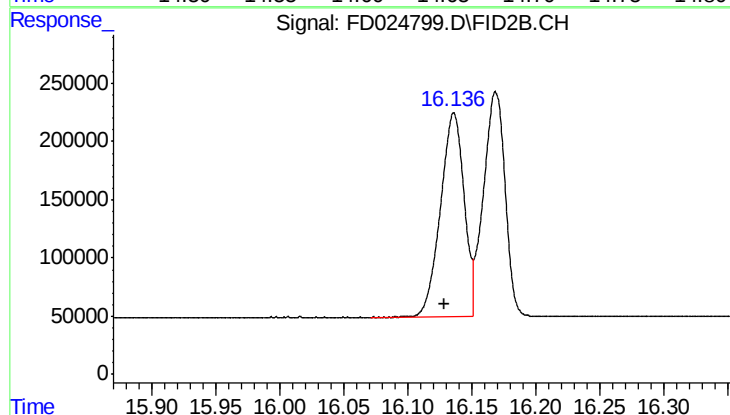
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.008 min
Response: 2216608
Conc: 23.61 ug/ml



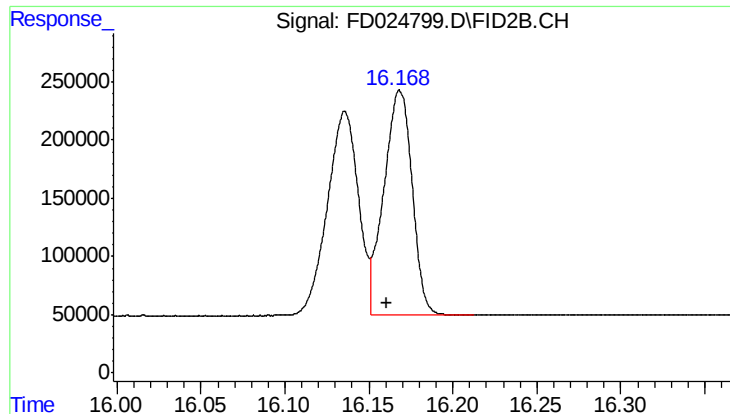
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: 0.008 min
Response: 2227793
Conc: 23.55 ug/ml



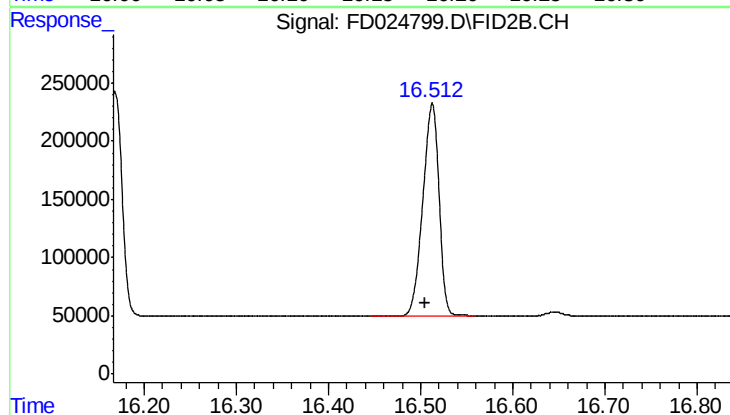
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.136 min
Delta R.T.: 0.008 min
Response: 2254066
Conc: 21.80 ug/ml



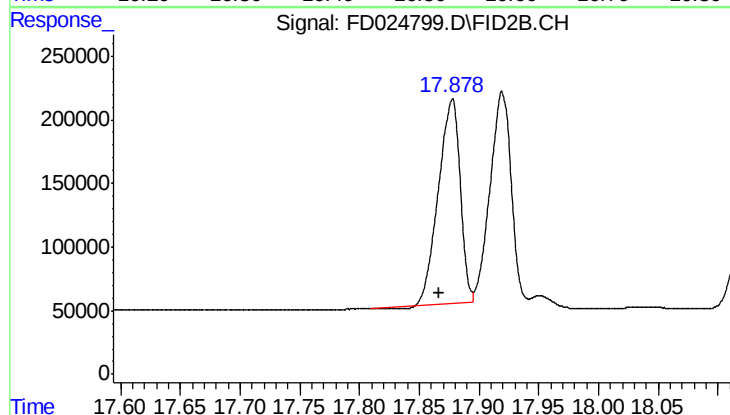
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min
Delta R.T.: 0.008 min
Response: 2277476
Conc: 21.58 ug/ml



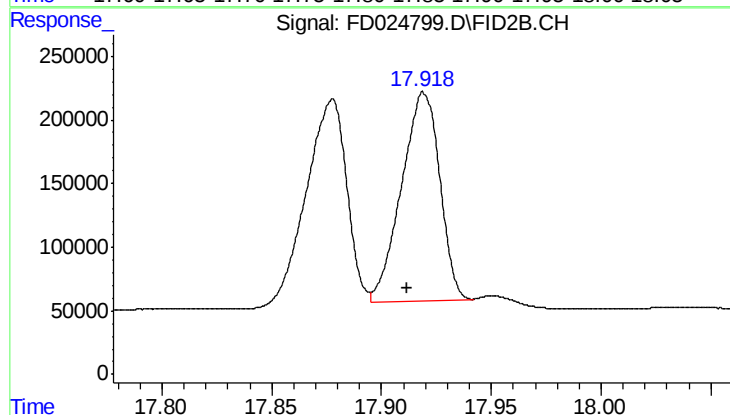
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.008 min
Response: 2231492
Conc: 21.47 ug/ml



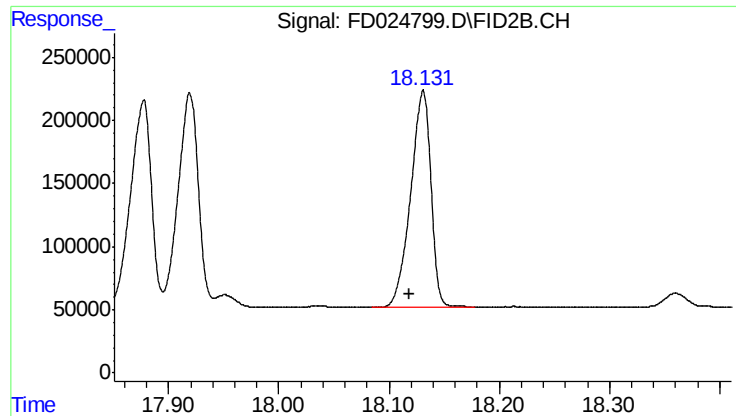
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.011 min
Response: 2038277
Conc: 19.12 ug/ml



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

R.T.: 17.919 min
Delta R.T.: 0.008 min
Response: 1991748
Conc: 19.04 ug/ml



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

R.T.: 18.131 min
Delta R.T.: 0.012 min
Response: 2190269
Conc: 20.62 ug/ml