

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062618AR\
 Data File : FD024797.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jun 2018 10:09
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 10:36:00 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	1756135	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
6) S 2-Fluorobiphenyl (SURR)	8.335	1213392	19.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.26%
11) S ortho-Terphenyl (SURR)	11.385	2013730	20.066 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	1941473	20.890 ug/ml
2) T Naphthalene (C11.7)	5.812	2041213	20.116 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	1986745	19.541 ug/ml
5) T Acenaphthylene (C15.06)	8.139	1909825	19.127 ug/ml
7) T Acenaphthene (C15.5)	8.435	1993120	19.080 ug/ml
8) T Flouorene (C16.55)	9.216	1993902	19.083 ug/ml
9) T Phenanthrene (C19.36)	10.610	2079830	20.228 ug/ml
10) T Anthracene (C19.43)	10.684	2061312	20.219 ug/ml
12) T Fluoranthene (C21.85)	12.420	2244894	22.514 ug/ml
13) T Pyrene (C20.8)	12.716	2276368	22.892 ug/ml
14) T Benzo[a]anthracene (C...	14.589	2269443	24.174 ug/ml
15) T Chrysene (C27.41)	14.631	2279192	24.092 ug/ml
16) T benzo[b]fluoranthene ...	16.137	2318670	22.422 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	2320772	21.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	2293869	22.073 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	2099108	19.694 ug/ml
20) T Dibenz[a,h]anthracene...	17.921	2057242	19.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	2244081	21.128 ug/ml

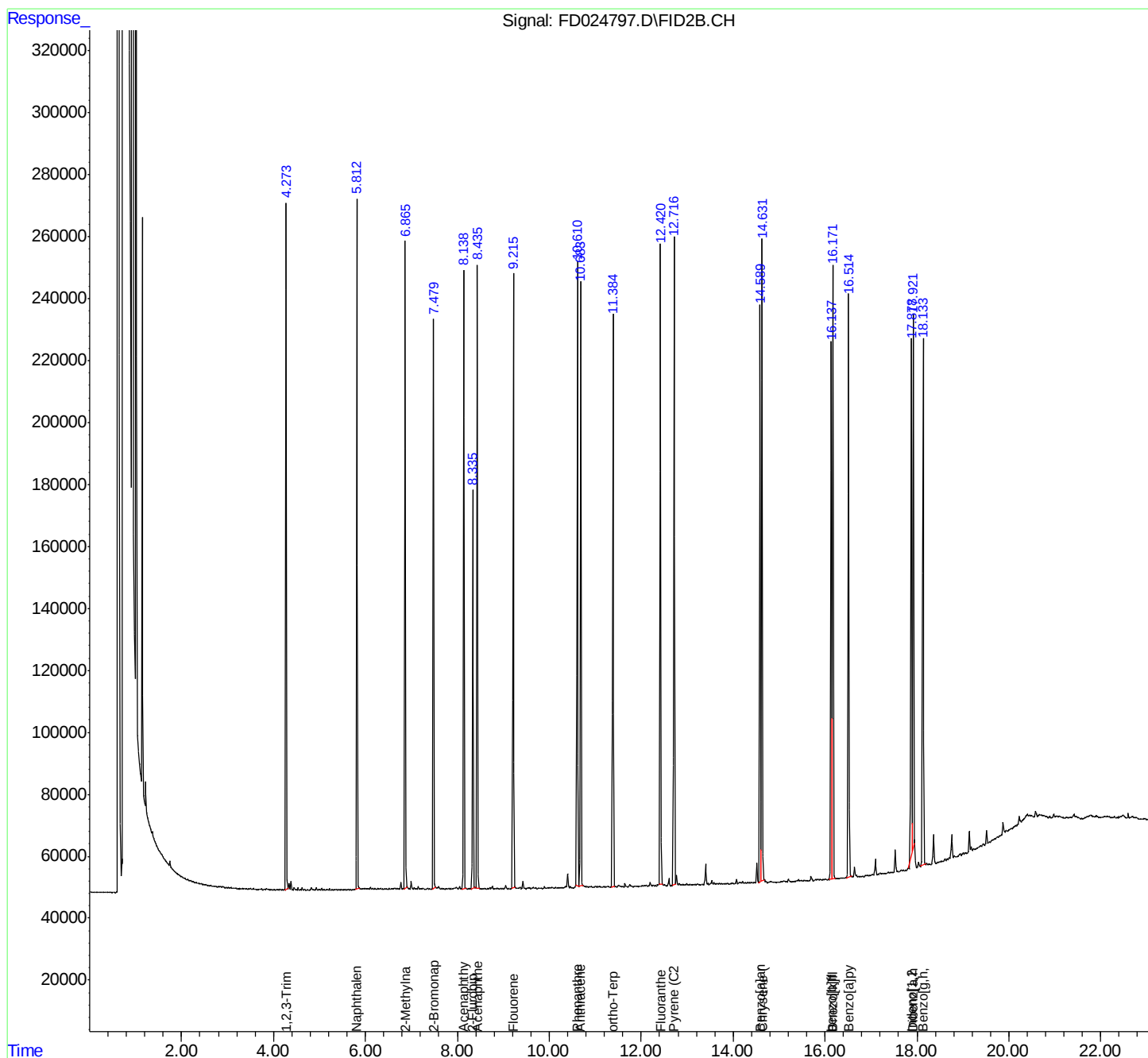
(f)=RT Delta > 1/2 Window

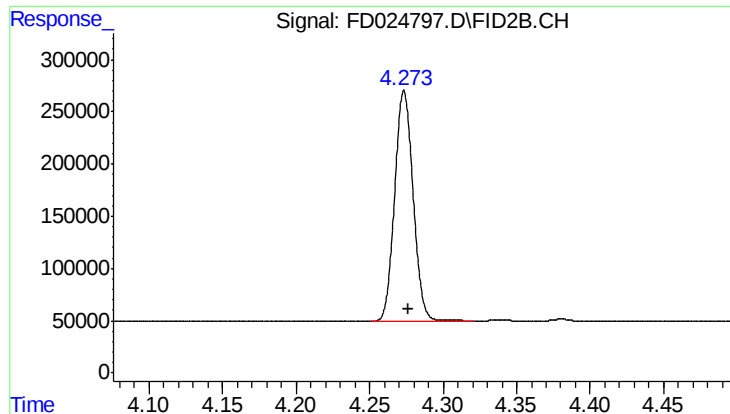
(m)=manual int.

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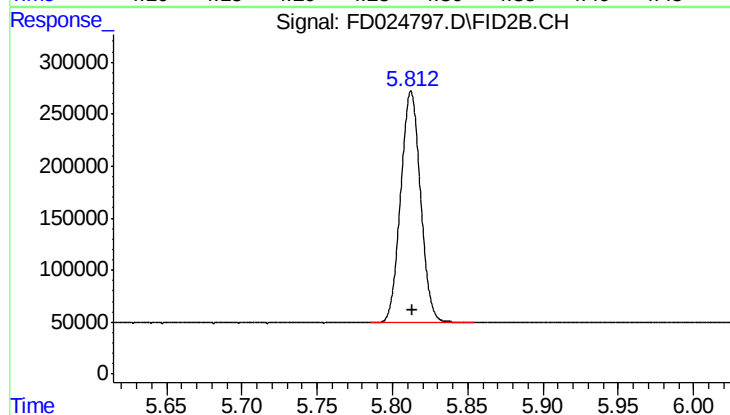
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





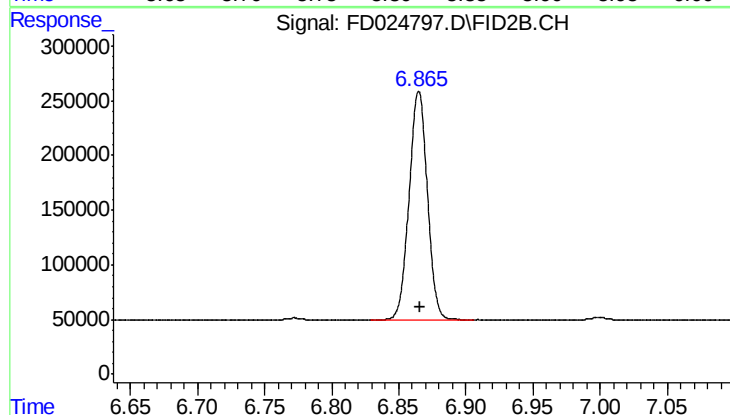
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 1941473
Conc: 20.89 ug/ml



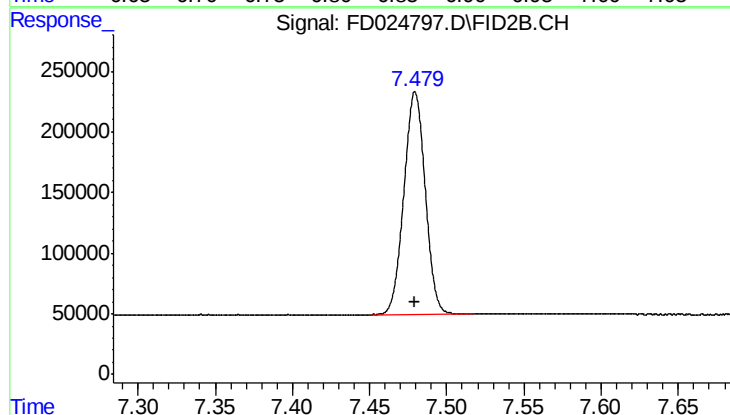
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 2041213
Conc: 20.12 ug/ml



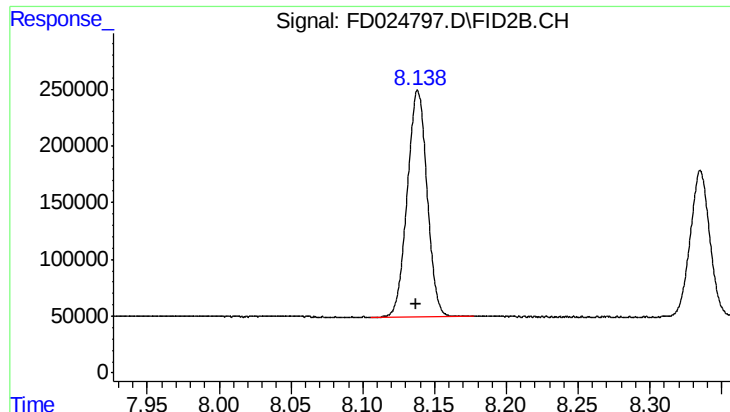
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 1986745
Conc: 19.54 ug/ml



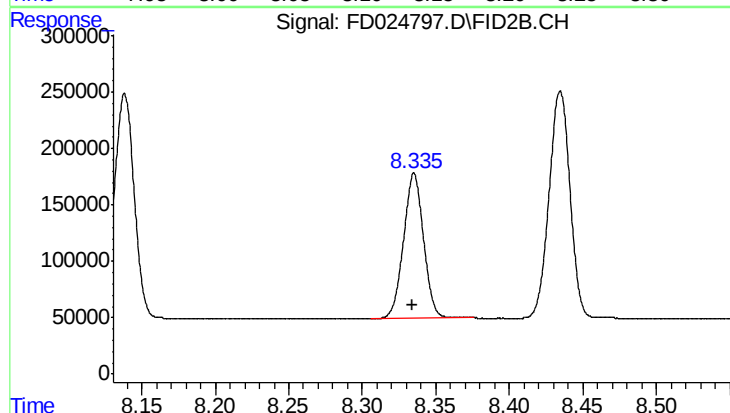
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1756135
Conc: 19.20 ug/ml



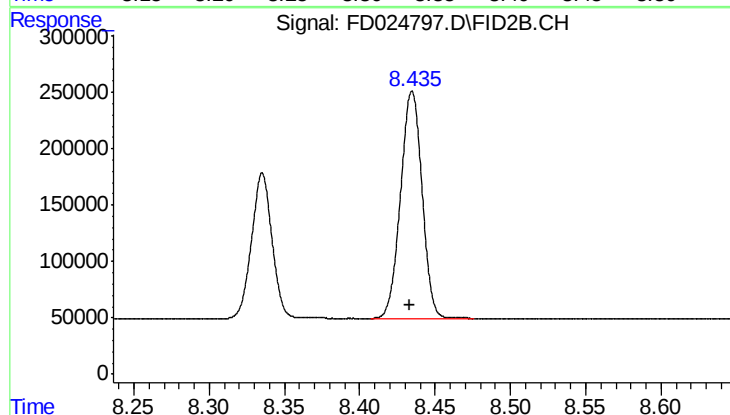
#5 Acenaphthylene (C15.06)

R.T.: 8.139 min
Delta R.T.: 0.001 min
Response: 1909825
Conc: 19.13 ug/ml



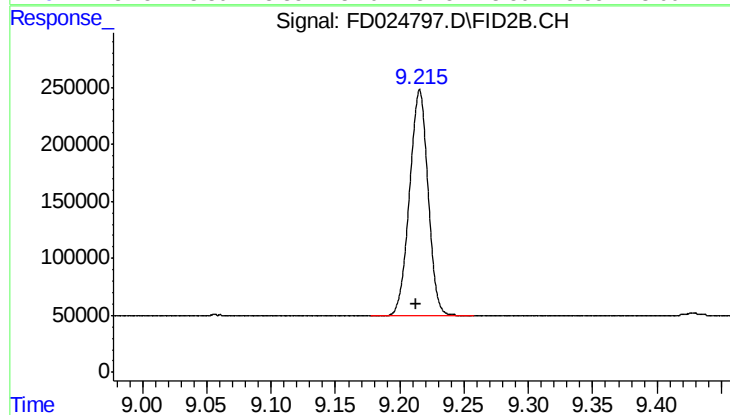
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 1213392
Conc: 19.13 ug/ml



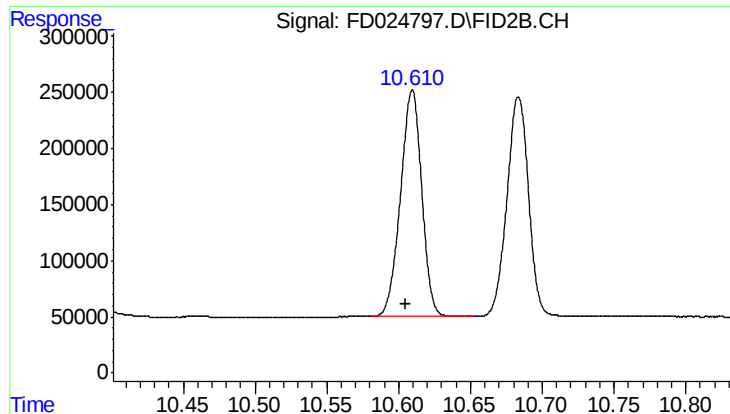
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: 0.002 min
Response: 1993120
Conc: 19.08 ug/ml



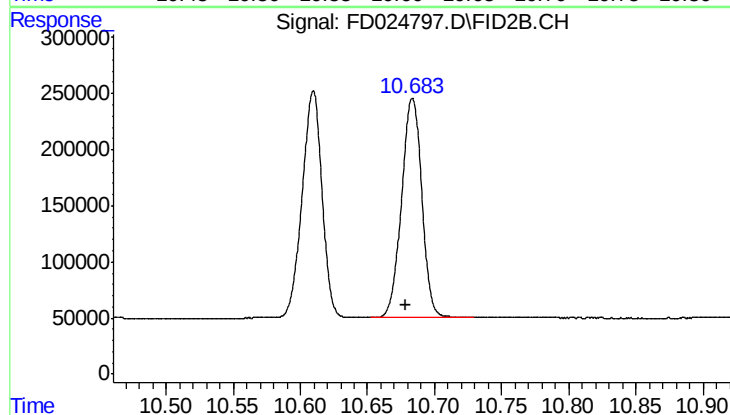
#8 Fluorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.003 min
Response: 1993902
Conc: 19.08 ug/ml



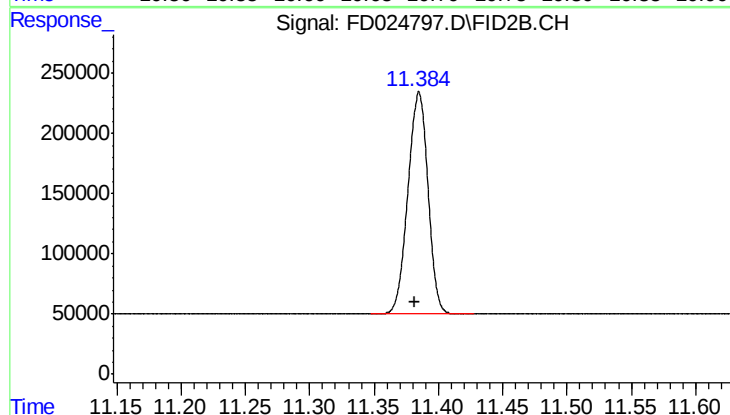
#9 Phenanthrene (C19.36)

R.T.: 10.610 min
Delta R.T.: 0.004 min
Response: 2079830
Conc: 20.23 ug/ml



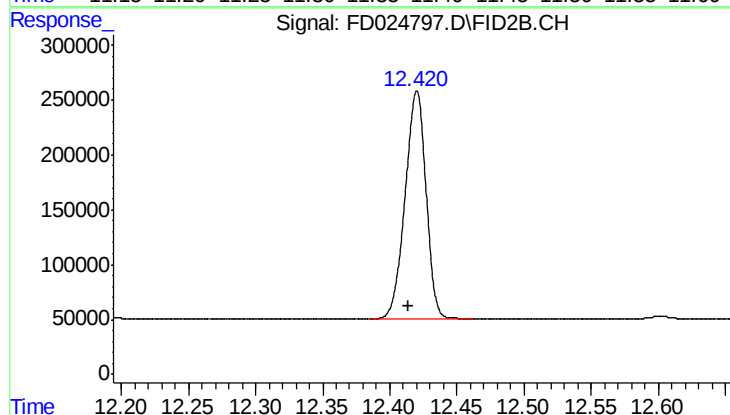
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.005 min
Response: 2061312
Conc: 20.22 ug/ml



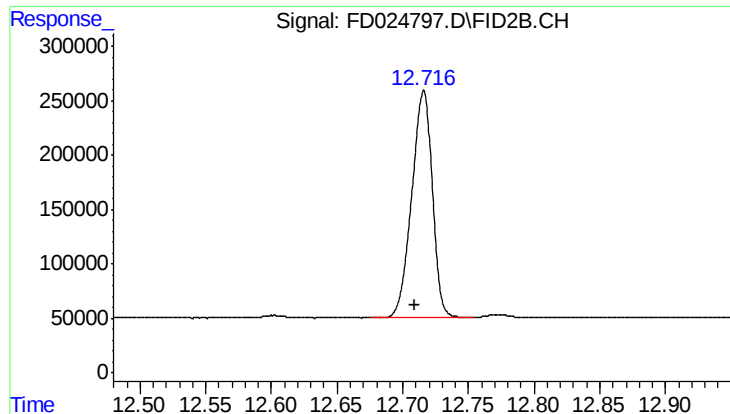
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: 0.004 min
Response: 2013730
Conc: 20.07 ug/ml



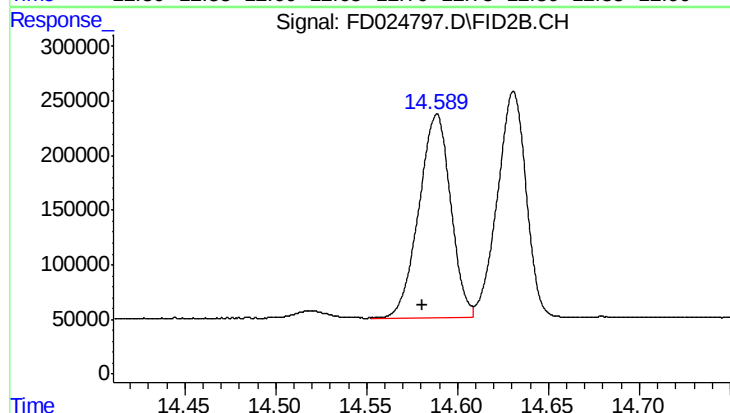
#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: 0.006 min
Response: 2244894
Conc: 22.51 ug/ml



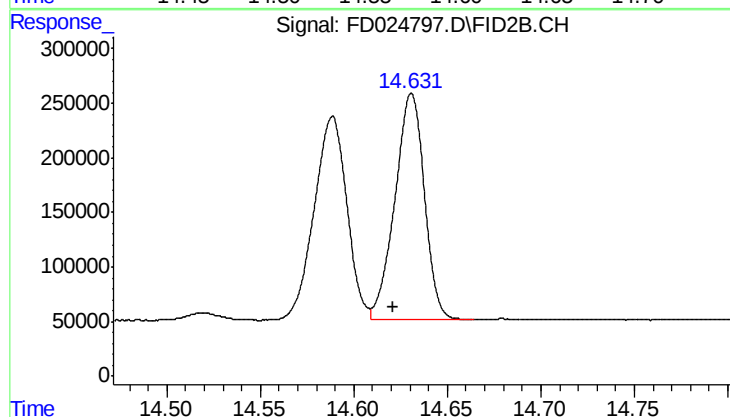
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: 0.007 min
Response: 2276368
Conc: 22.89 ug/ml



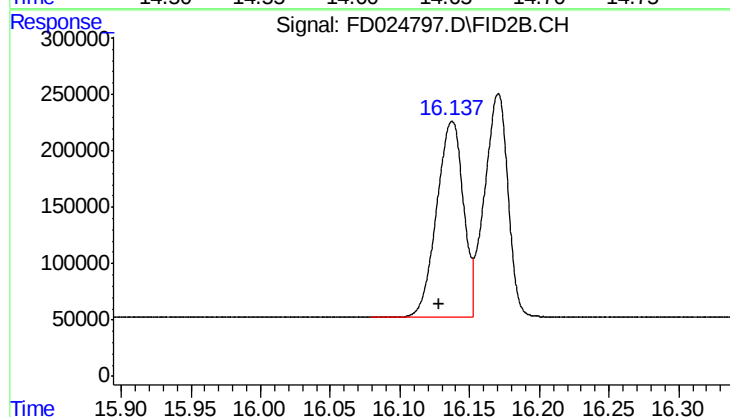
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min
Delta R.T.: 0.008 min
Response: 2269443
Conc: 24.17 ug/ml



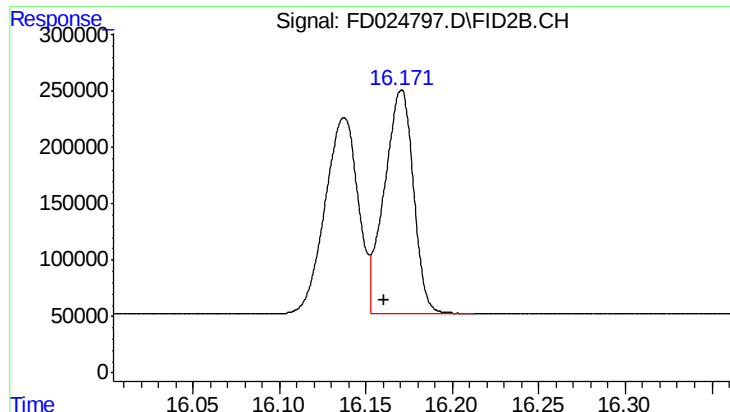
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: 0.010 min
Response: 2279192
Conc: 24.09 ug/ml



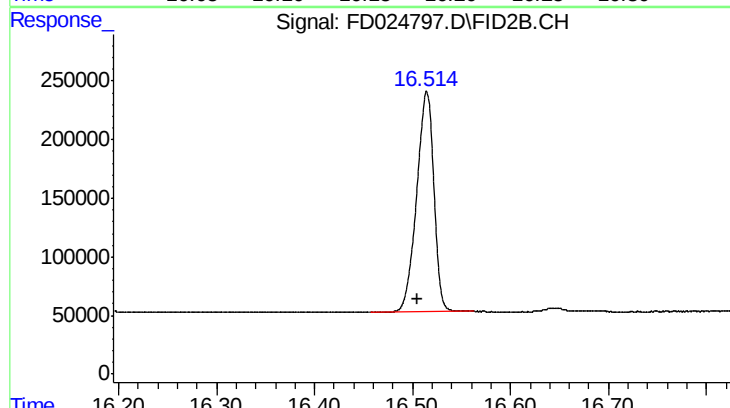
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.137 min
Delta R.T.: 0.009 min
Response: 2318670
Conc: 22.42 ug/ml



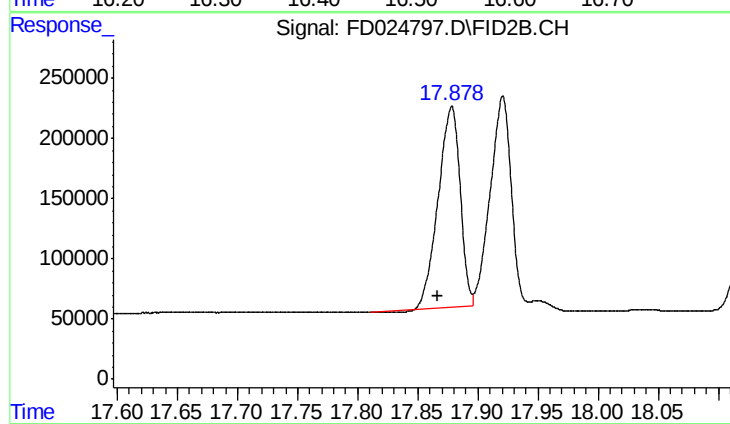
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.171 min
Delta R.T.: 0.010 min
Response: 2320772
Conc: 21.99 ug/ml



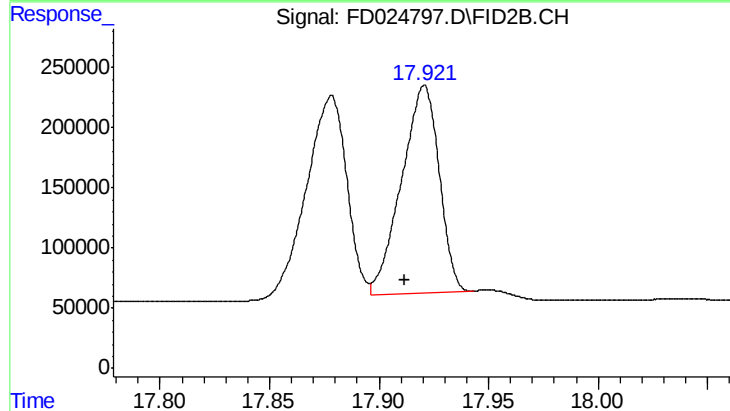
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: 0.010 min
Response: 2293869
Conc: 22.07 ug/ml



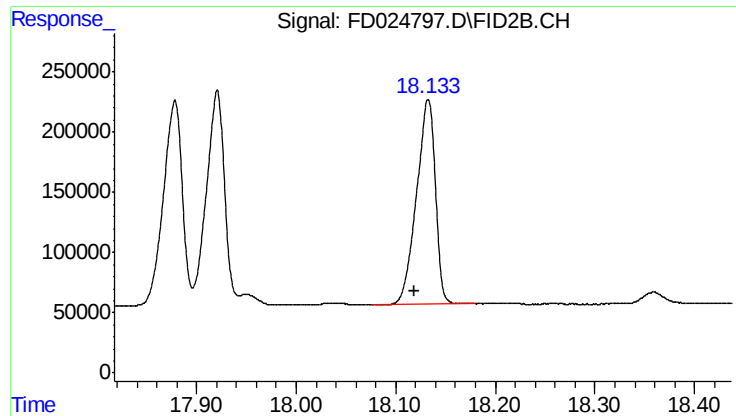
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.011 min
Response: 2099108
Conc: 19.69 ug/ml



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

R.T.: 17.921 min
Delta R.T.: 0.009 min
Response: 2057242
Conc: 19.67 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.014 min
Response: 2244081
Conc: 21.13 ug/ml