

Data Path : P:\HPCHEM1\FID_D\Data\FD052218AR\
 Data File : FD023797.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2018 14:26
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 04:40:17 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 10:27:34 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...	7.507	1687228	21.011 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
6) S 2-Fluorobiphenyl (SURR)	8.363	1201559	21.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.12%
11) S ortho-Terphenyl (SURR)	11.413	1962156	21.102 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	1818609	20.965 ug/ml
2) T Naphthalene (C11.7)	5.840	1928648	20.970 ug/ml
3) T 2-Methylnaphthalene (...)	6.893	1901187	20.992 ug/ml
5) T Acenaphthylene (C15.06)	8.168	1859549	20.981 ug/ml
7) T Acenaphthene (C15.5)	8.463	1946025	20.979 ug/ml
8) T Flouorene (C16.55)	9.243	1966713	21.046 ug/ml
9) T Phenanthrene (C19.36)	10.638	2045396	20.887 ug/ml
10) T Anthracene (C19.43)	10.712	2039318	20.924 ug/ml
12) T Fluoranthene (C21.85)	12.448	2128984	20.825 ug/ml
13) T Pyrene (C20.8)	12.745	2152699	20.812 ug/ml
14) T Benzo[a]anthracene (C...	14.617	2083791	20.670 ug/ml
15) T Chrysene (C27.41)	14.659	2095427	20.558 ug/ml
16) T benzo[b]fluoranthene ...	16.165	2063832	20.439 ug/ml
17) T Bnezo[k]fluoranthene ...	16.197	2106526	20.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	1981644	20.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	1446468	17.613 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	1714243	19.036 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	1411959	16.940 ug/ml

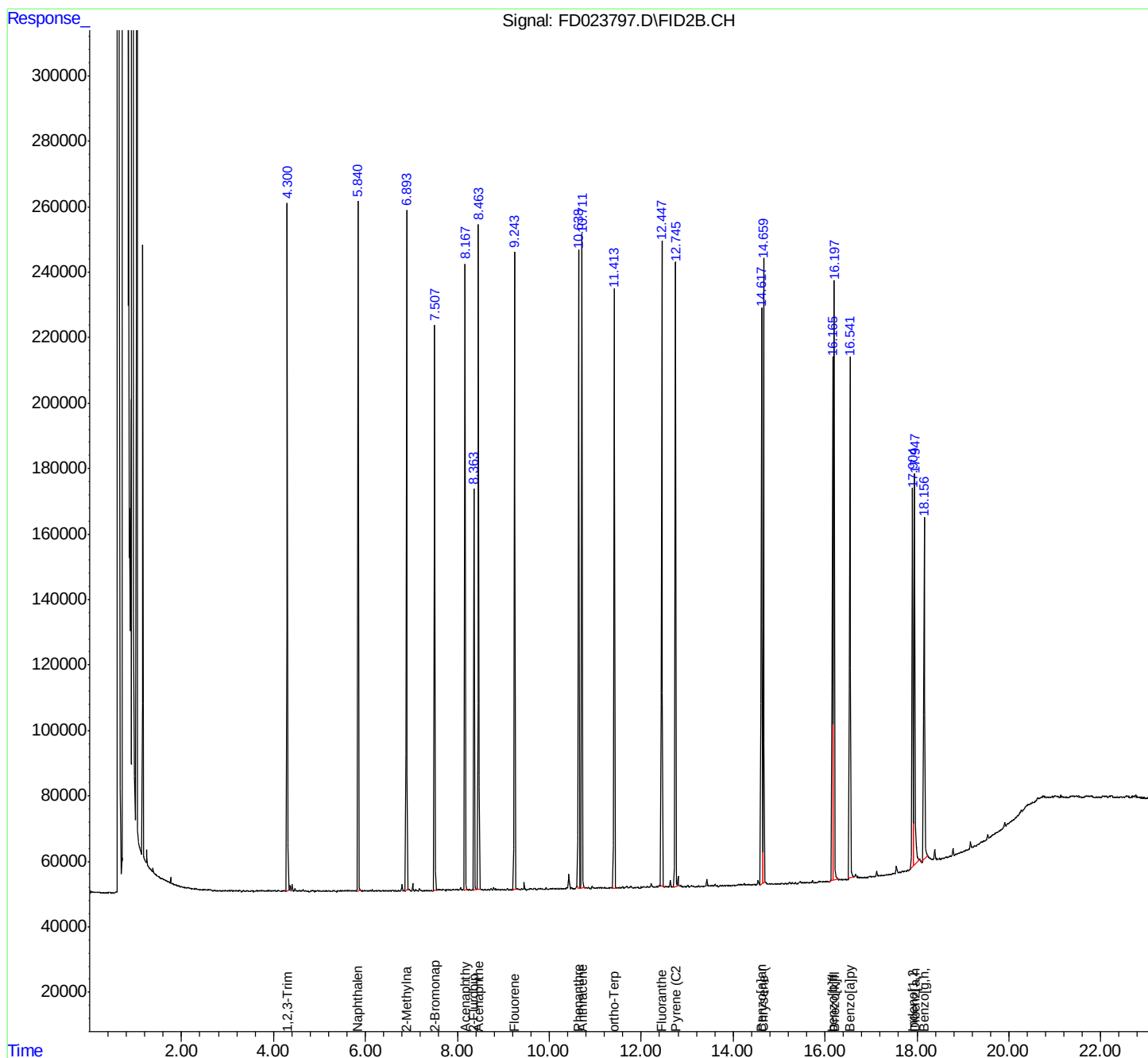
(f)=RT Delta > 1/2 Window

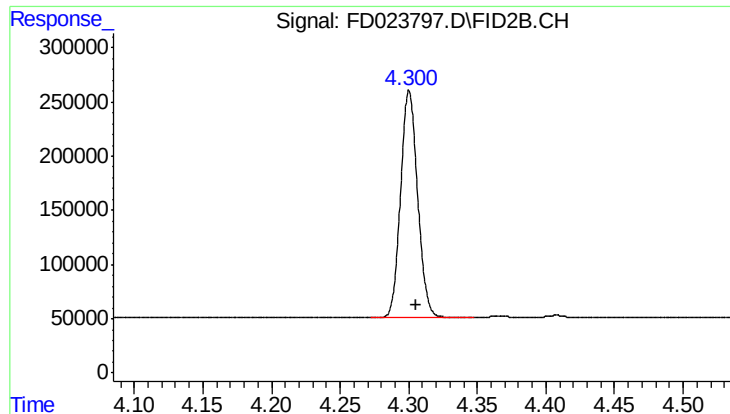
(m)=manual int.

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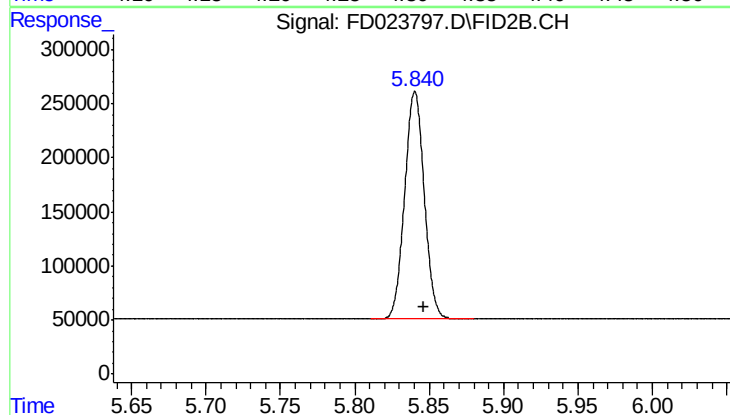
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Signal Info : 20M x 0.18mm x 0.18µm





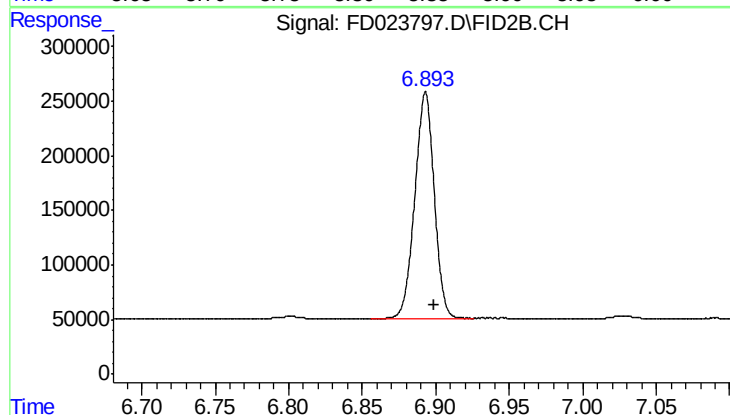
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.300 min
Delta R.T.: -0.005 min
Response: 1818609
Conc: 20.97 ug/ml



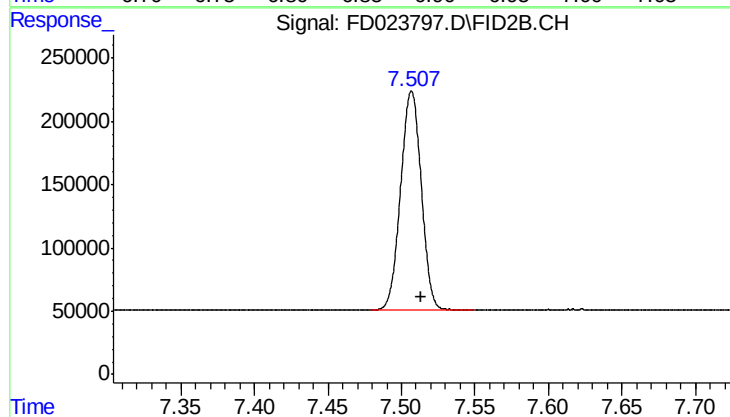
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.006 min
Response: 1928648
Conc: 20.97 ug/ml



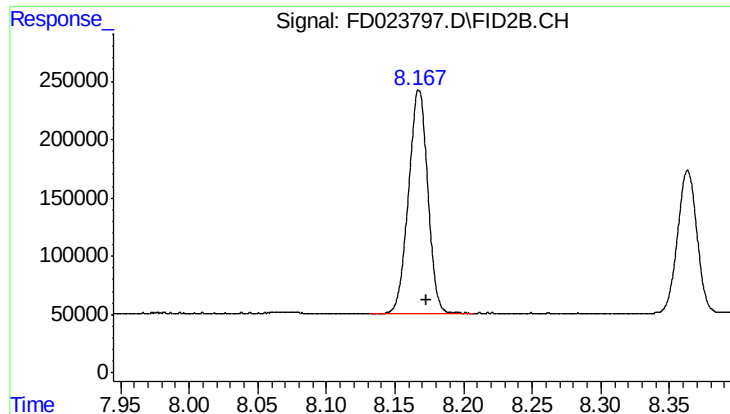
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.893 min
Delta R.T.: -0.006 min
Response: 1901187
Conc: 20.99 ug/ml



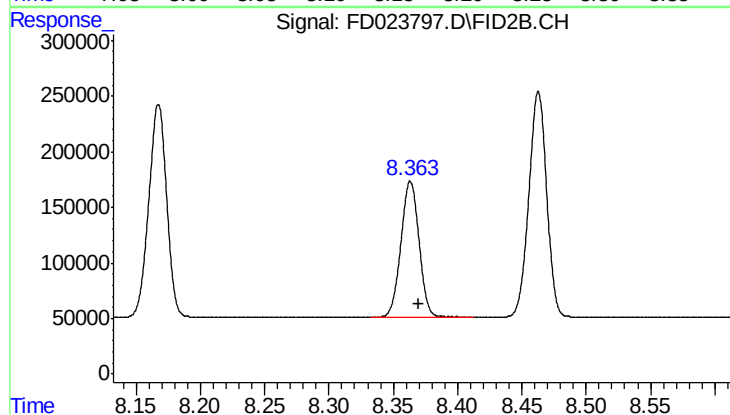
#4 2-Bromonaphthalene (SURR)

R.T.: 7.507 min
Delta R.T.: -0.006 min
Response: 1687228
Conc: 21.01 ug/ml



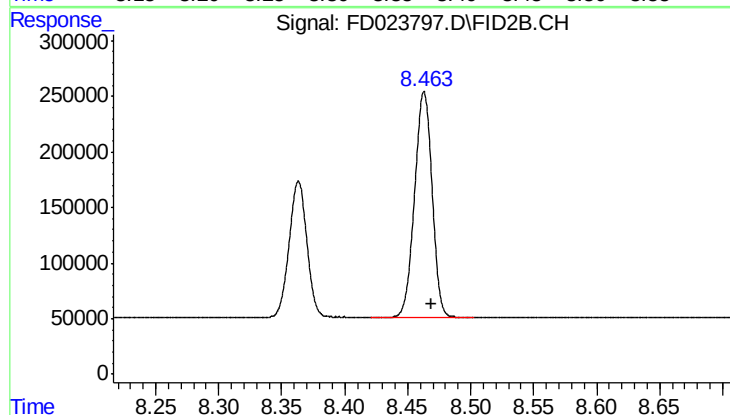
#5 Acenaphthylene (C15.06)

R.T.: 8.168 min
Delta R.T.: -0.006 min
Response: 1859549
Conc: 20.98 ug/ml



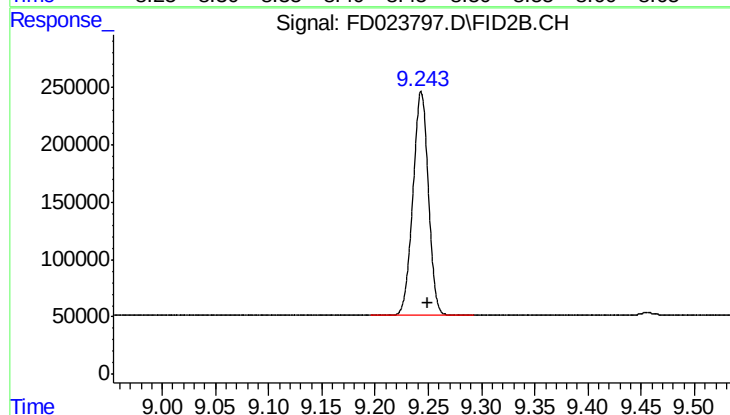
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.363 min
Delta R.T.: -0.006 min
Response: 1201559
Conc: 21.06 ug/ml



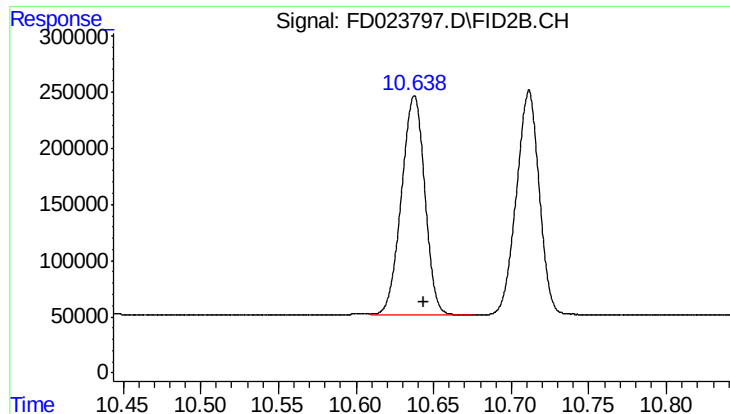
#7 Acenaphthene (C15.5)

R.T.: 8.463 min
Delta R.T.: -0.006 min
Response: 1946025
Conc: 20.98 ug/ml



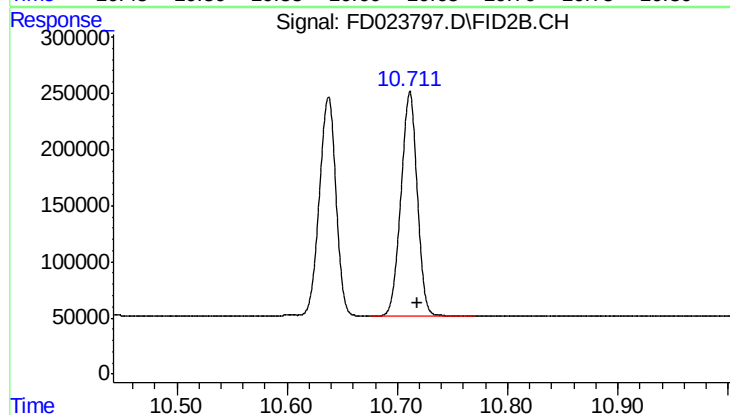
#8 Fluorene (C16.55)

R.T.: 9.243 min
Delta R.T.: -0.006 min
Response: 1966713
Conc: 21.05 ug/ml



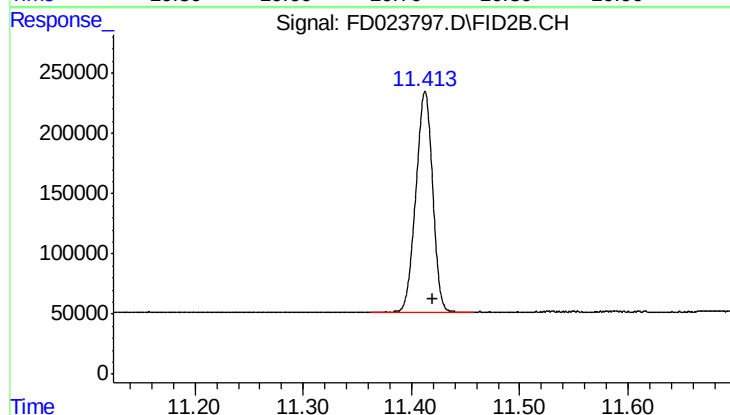
#9 Phenanthrene (C19.36)

R.T.: 10.638 min
Delta R.T.: -0.006 min
Response: 2045396
Conc: 20.89 ug/ml



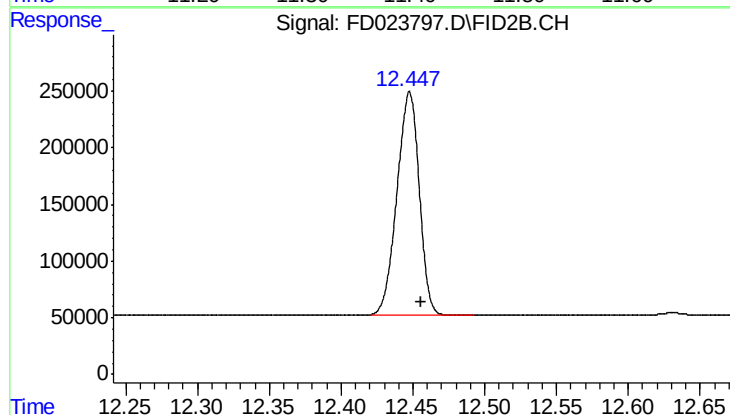
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: -0.006 min
Response: 2039318
Conc: 20.92 ug/ml



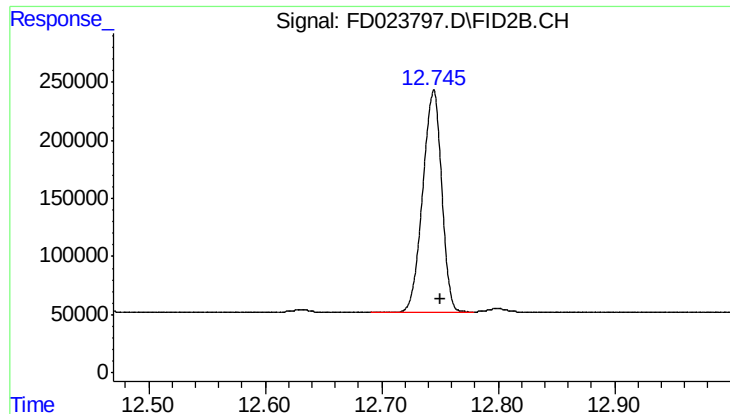
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: -0.007 min
Response: 1962156
Conc: 21.10 ug/ml



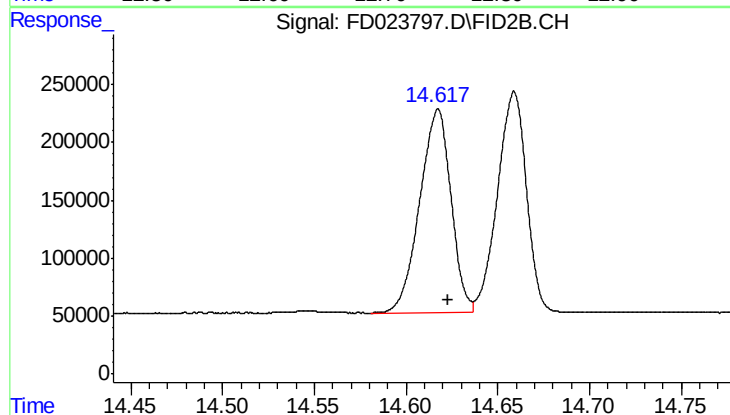
#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: -0.008 min
Response: 2128984
Conc: 20.83 ug/ml



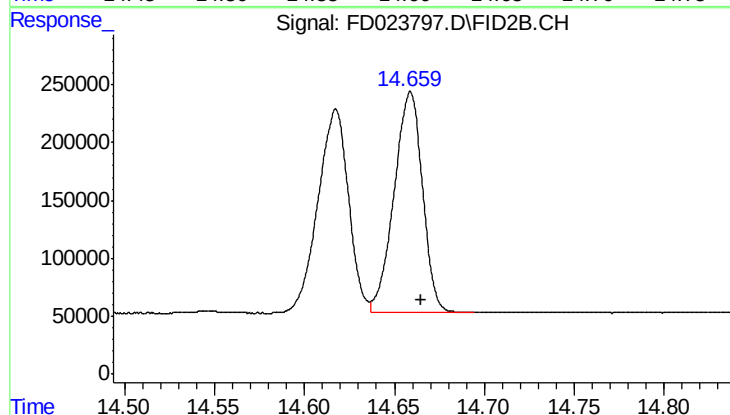
#13 Pyrene (C20.8)

R.T.: 12.745 min
Delta R.T.: -0.006 min
Response: 2152699
Conc: 20.81 ug/ml



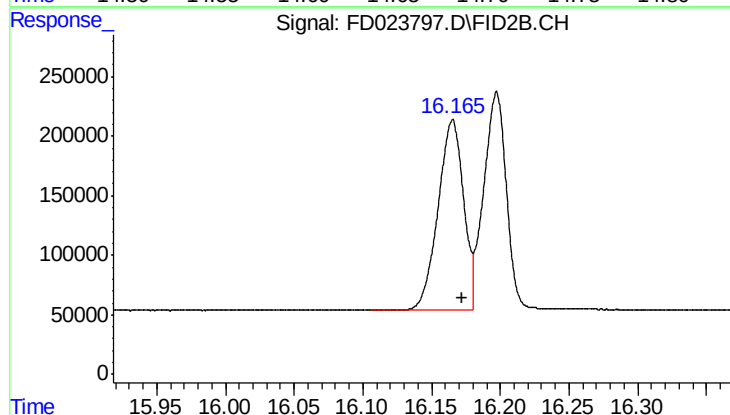
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.617 min
Delta R.T.: -0.005 min
Response: 2083791
Conc: 20.67 ug/ml



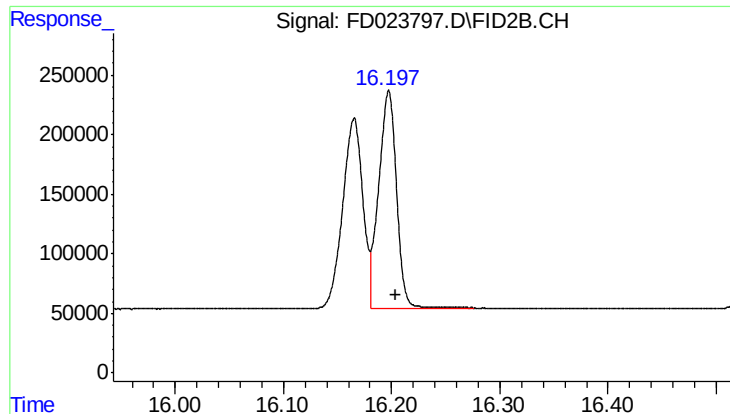
#15 Chrysene (C27.41)

R.T.: 14.659 min
Delta R.T.: -0.006 min
Response: 2095427
Conc: 20.56 ug/ml



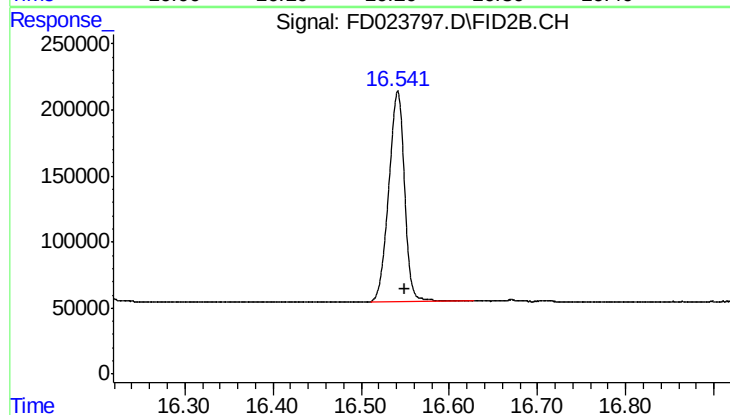
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.165 min
Delta R.T.: -0.007 min
Response: 2063832
Conc: 20.44 ug/ml



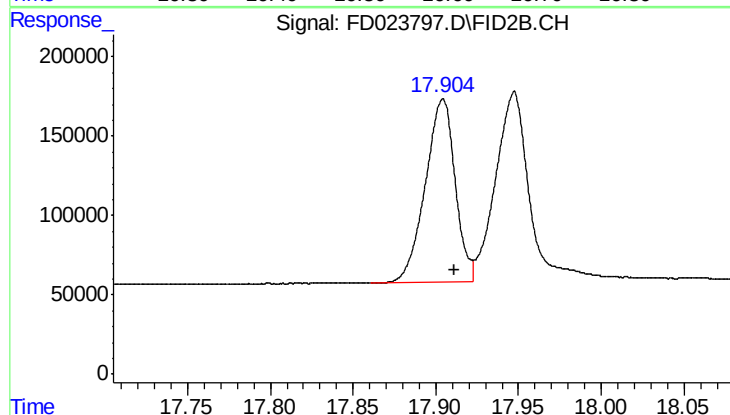
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.197 min
Delta R.T.: -0.007 min
Response: 2106526
Conc: 20.56 ug/ml



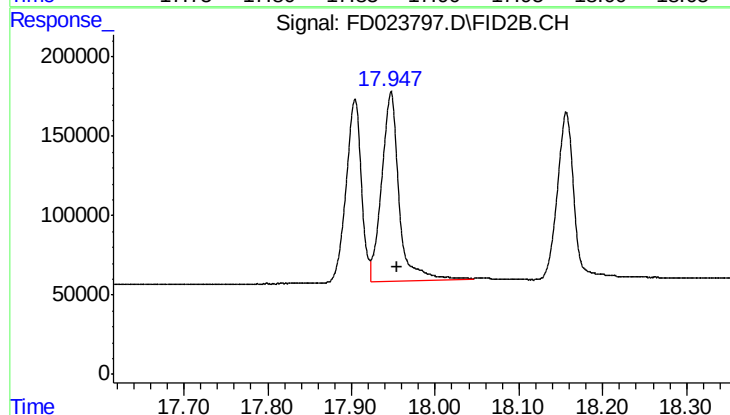
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: -0.007 min
Response: 1981644
Conc: 20.12 ug/ml



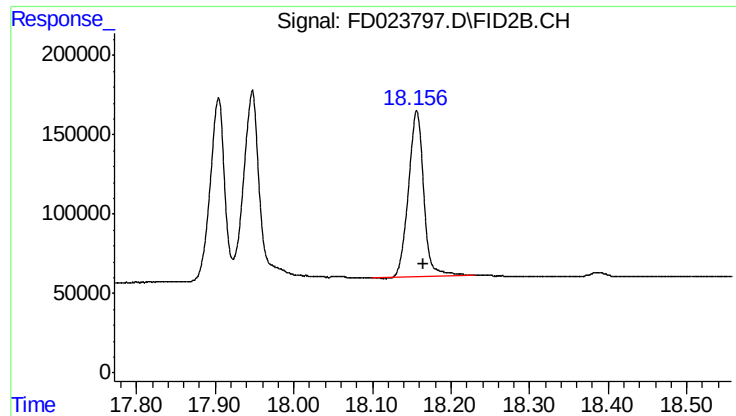
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min
Delta R.T.: -0.007 min
Response: 1446468
Conc: 17.61 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.007 min
Response: 1714243
Conc: 19.04 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.008 min
Response: 1411959
Conc: 16.94 ug/ml