

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD062618AR\
 Data File : FD024797.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jun 2018 12:08
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 13:24:30 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	1791374	19.583 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
6) S 2-Fluorobiphenyl (SURR)	8.336	1241041	19.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.14%
11) S ortho-Terphenyl (SURR)	11.385	2054698	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	1962884	21.120 ug/ml
2) T Naphthalene (C11.7)	5.813	2074232	20.441 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	2019328	19.861 ug/ml
5) T Acenaphthylene (C15.06)	8.139	1948622	19.516 ug/ml
7) T Acenaphthene (C15.5)	8.435	2035382	19.485 ug/ml
8) T Fluorene (C16.55)	9.216	2036407	19.490 ug/ml
9) T Phenanthrene (C19.36)	10.611	2120617	20.625 ug/ml
10) T Anthracene (C19.43)	10.684	2099508	20.593 ug/ml
12) T Fluoranthene (C21.85)	12.420	2276420	22.830 ug/ml
13) T Pyrene (C20.8)	12.717	2302513	23.155 ug/ml
14) T Benzo[alanthracene (C...	14.589	2289870	24.391 ug/ml
15) T Chrysene (C27.41)	14.632	2300590	24.319 ug/ml
16) T benzo[b]fluoranthene ...	16.138	2324008	22.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	2361038	22.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	2318572	22.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	2249243	21.102 ug/mlm
20) T Dibenz[a,h]anthracene...	17.920	2274184	21.744 ug/mlm
21) T Benzo[a,h,i]pervlene ...	18.133	2260878	21.286 ug/ml

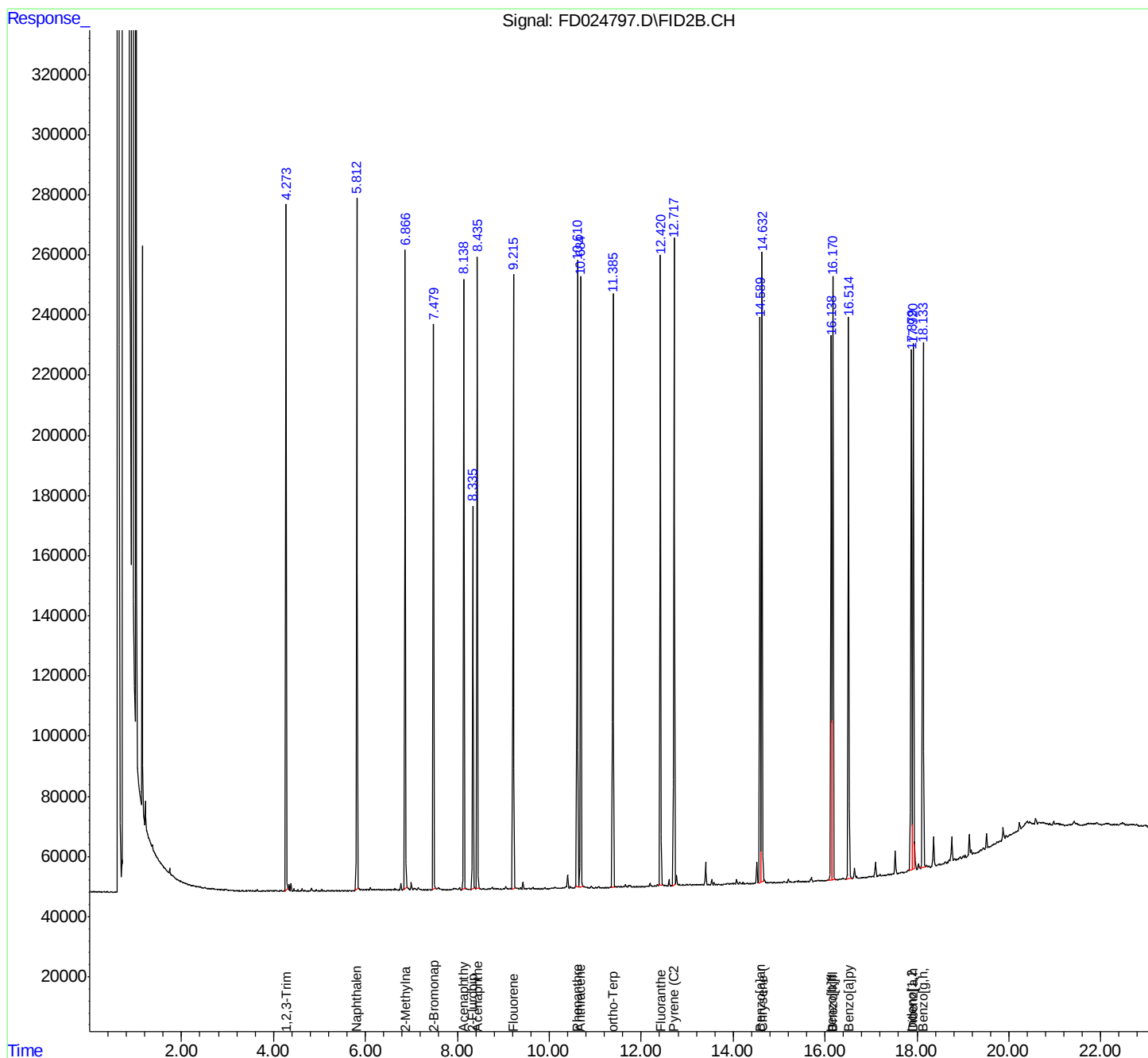
(f)=RT Delta > 1/2 Window

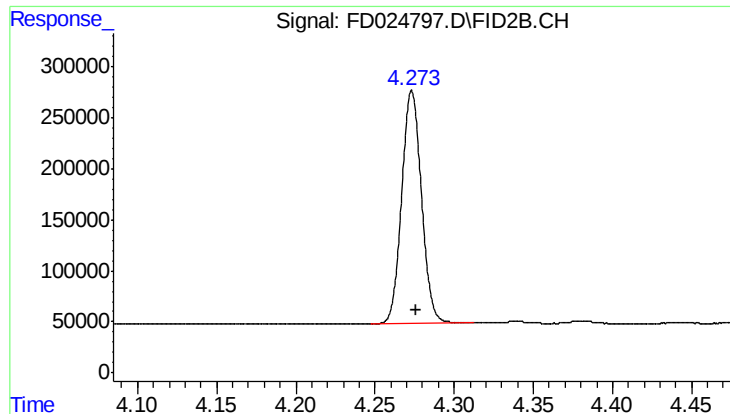
(m)=manual int.

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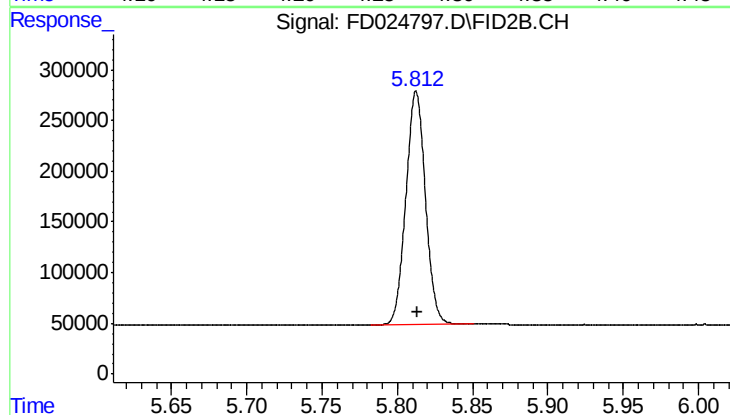
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Signal Info : 20M x 0.18mm x 0.18µm





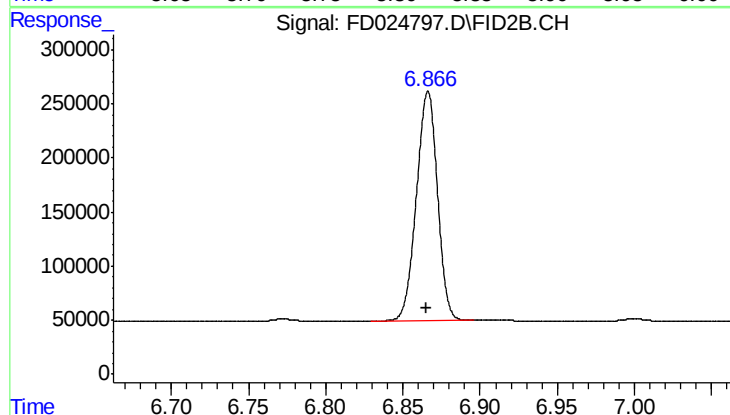
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 1962884
Conc: 21.12 ug/ml



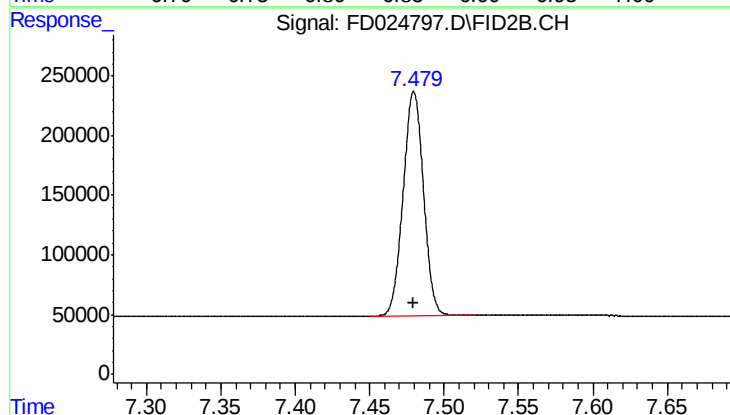
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 2074232
Conc: 20.44 ug/ml



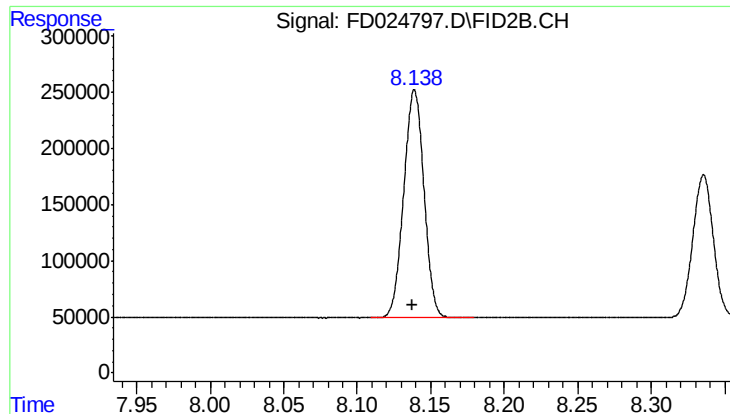
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 2019328
Conc: 19.86 ug/ml



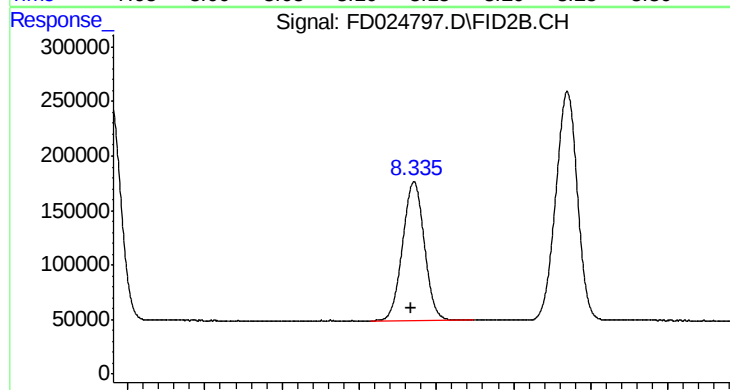
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1791374
Conc: 19.58 ug/ml



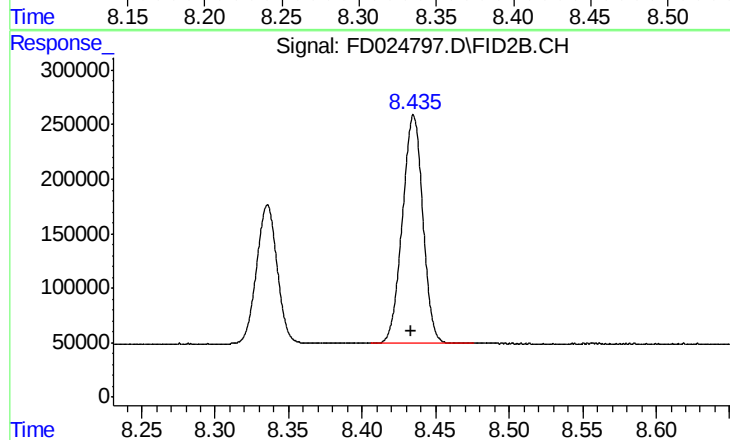
#5 Acenaphthylene (C15.06)

R.T.: 8.139 min
Delta R.T.: 0.002 min
Response: 1948622
Conc: 19.52 ug/ml



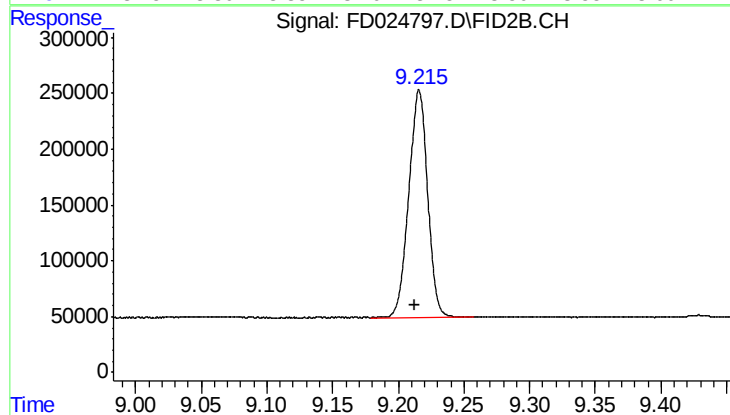
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: 0.002 min
Response: 1241041
Conc: 19.57 ug/ml



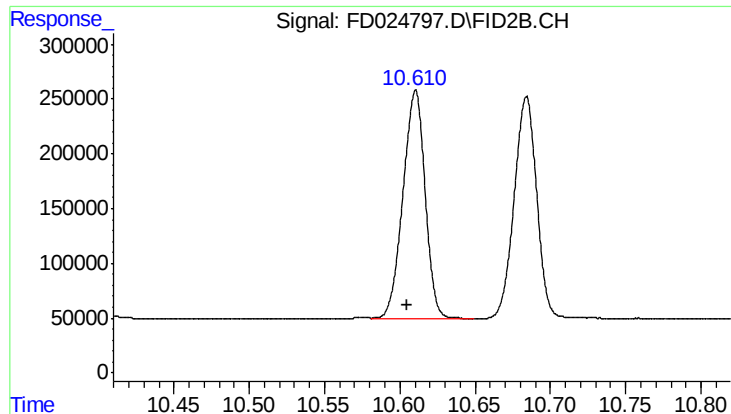
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: 0.002 min
Response: 2035382
Conc: 19.48 ug/ml



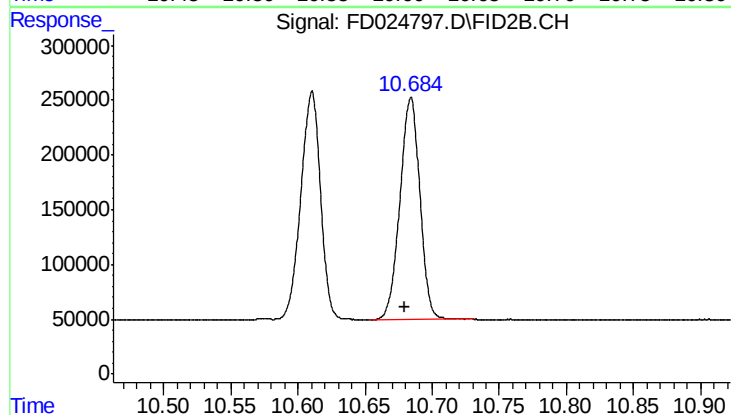
#8 Fluorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.003 min
Response: 2036407
Conc: 19.49 ug/ml



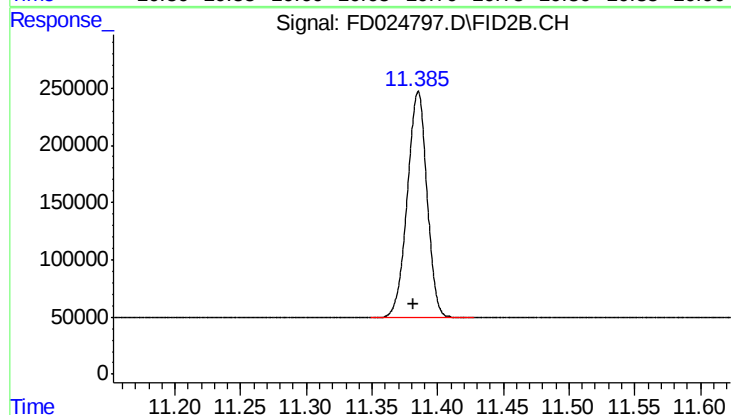
#9 Phenanthrene (C19.36)

R.T.: 10.611 min
Delta R.T.: 0.005 min
Response: 2120617
Conc: 20.63 ug/ml



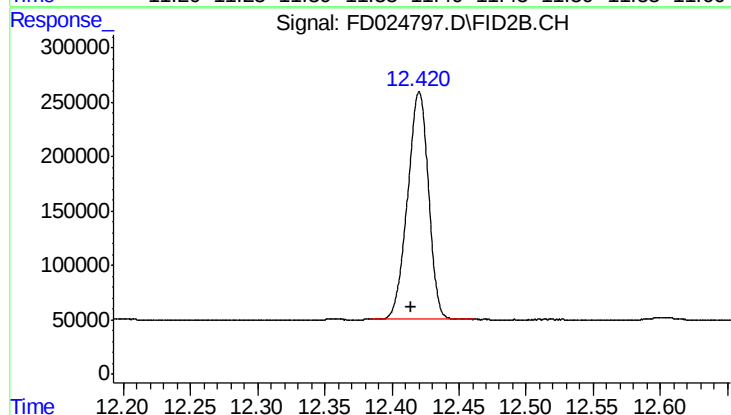
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.005 min
Response: 2099508
Conc: 20.59 ug/ml



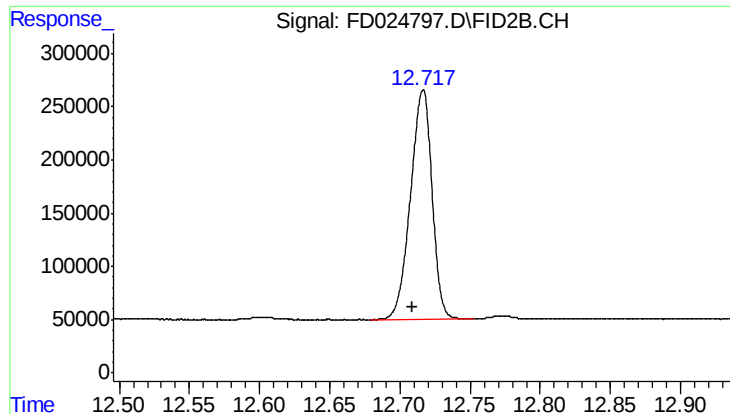
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: 0.004 min
Response: 2054698
Conc: 20.47 ug/ml



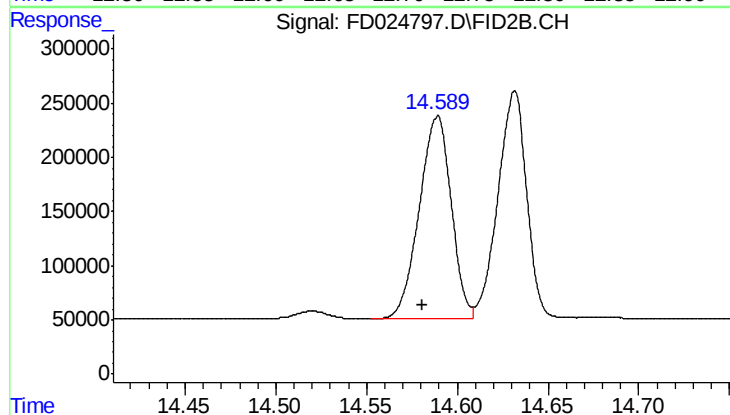
#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: 0.006 min
Response: 2276420
Conc: 22.83 ug/ml



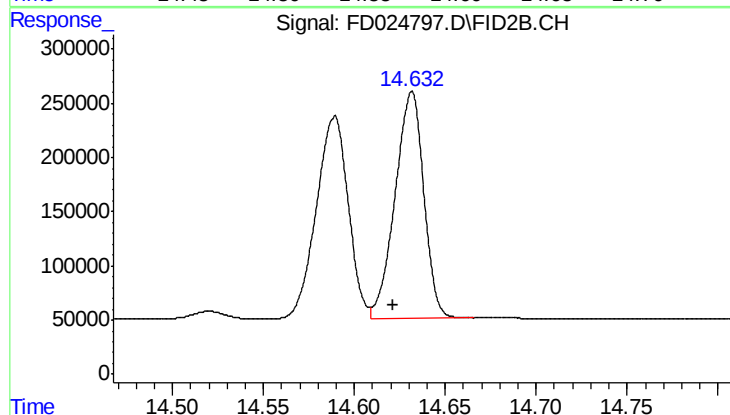
#13 Pyrene (C20.8)

R.T.: 12.717 min
Delta R.T.: 0.008 min
Response: 2302513
Conc: 23.16 ug/ml



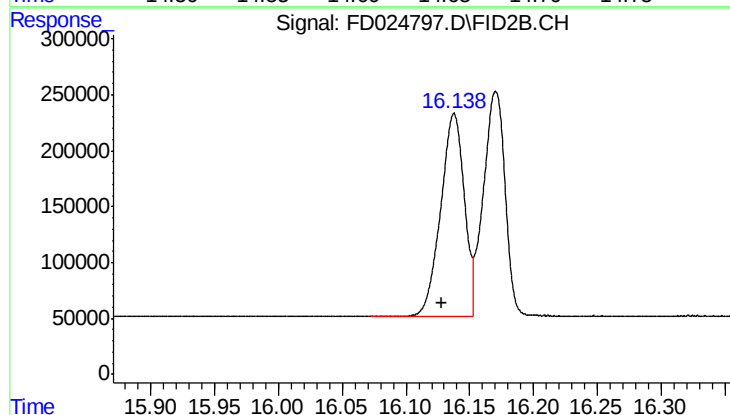
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min
Delta R.T.: 0.008 min
Response: 2289870
Conc: 24.39 ug/ml



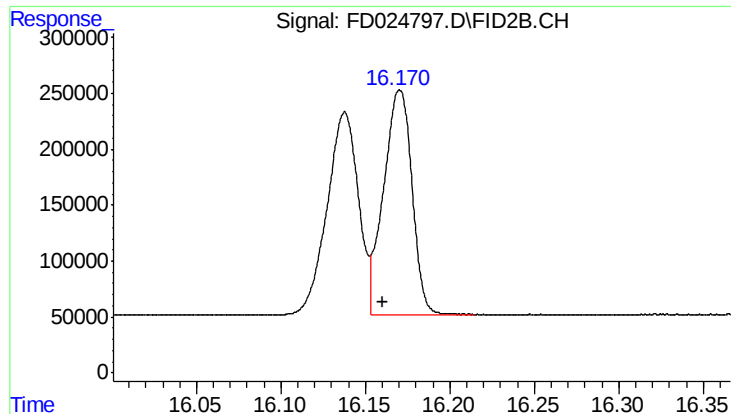
#15 Chrysene (C27.41)

R.T.: 14.632 min
Delta R.T.: 0.010 min
Response: 2300590
Conc: 24.32 ug/ml



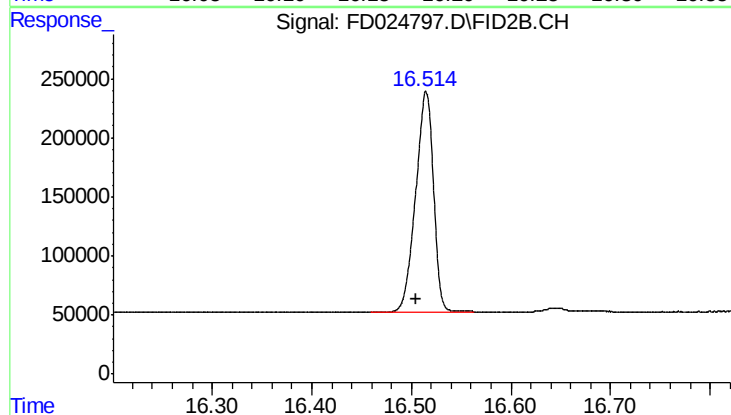
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.138 min
Delta R.T.: 0.010 min
Response: 2324008
Conc: 22.47 ug/ml



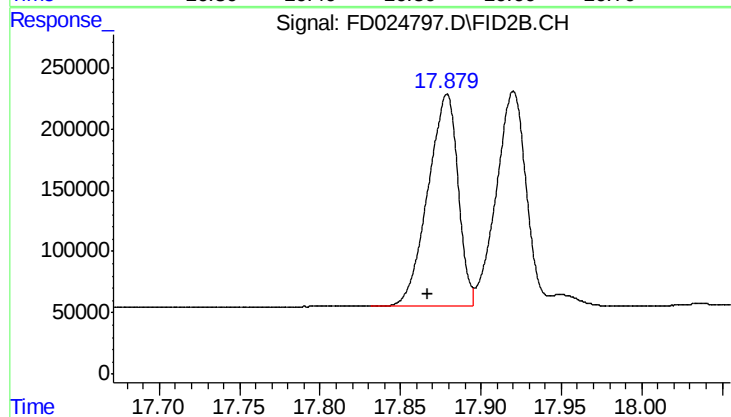
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.170 min
Delta R.T.: 0.010 min
Response: 2361038
Conc: 22.37 ug/ml



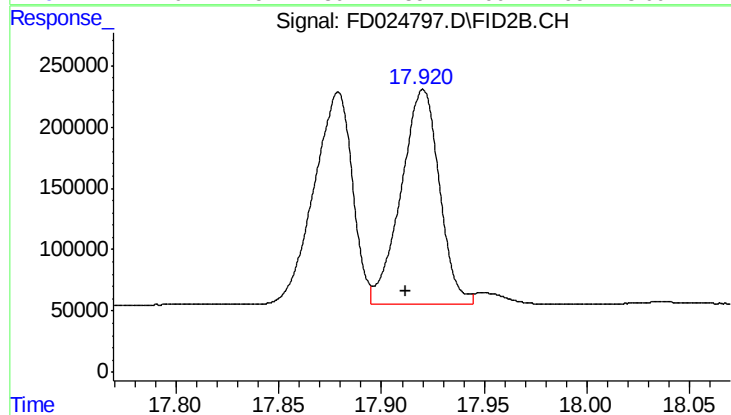
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: 0.010 min
Response: 2318572
Conc: 22.31 ug/ml



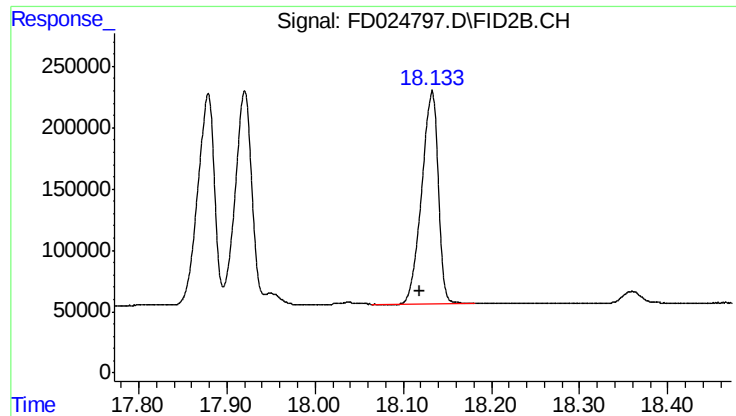
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: 0.012 min
Response: 2249243
Conc: 21.10 ug/ml m



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

R.T.: 17.920 min
Delta R.T.: 0.008 min
Response: 2274184
Conc: 21.74 ug/ml m



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

R.T.: 18.133 min
Delta R.T.: 0.014 min
Response: 2260878
Conc: 21.29 ug/ml