

Data Path : P:\HPCHEM1\FID D\Data\FD033018AR\
 Data File : FD022717.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2018 15:03
 Operator : UA/AJ
 Sample : PB107804BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 17:00:52 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.315	3917458	45.286 ug/ml
Spiked Amount 50.000		Recovery =	90.57%
6) S 2-Fluorobiphenyl (SURR)	8.174	2533132	47.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.91%
11) S ortho-Terphenyl (SURR)	11.198	4096019	38.535 ug/ml
Spiked Amount 50.000		Recovery =	77.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.124	3019139	30.998 ug/ml
2) T Naphthalene (C11.7)	5.654	2958055	31.854 ug/ml
3) T 2-Methylnaphthalene (...)	6.703	3677676	40.008 ug/ml
5) T Acenaphthylene (C15.06)	7.970	3902687	38.700 ug/ml
7) T Acenaphthene (C15.5)	8.263	4192967	38.155 ug/ml
8) T Fluorene (C16.55)	9.046	4124562	40.953 ug/ml
9) T Phenanthrene (C19.36)	10.437	4481971	42.587 ug/ml
10) T Anthracene (C19.43)	10.514	4470703	41.665 ug/ml
12) T Fluoranthene (C21.85)	12.248	4676083	41.253 ug/ml
13) T Pyrene (C20.8)	12.542	4605214	41.038 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.422	4533968	43.903 ug/ml
15) T Chrysene (C27.41)	14.463	5535847	47.679 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.981	4398772	42.335 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.011	4903379	40.453 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.360	4243584	39.851 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.768	4722923	70.532 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.768	4722923	38.863 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.992	2903670	35.212 ug/ml

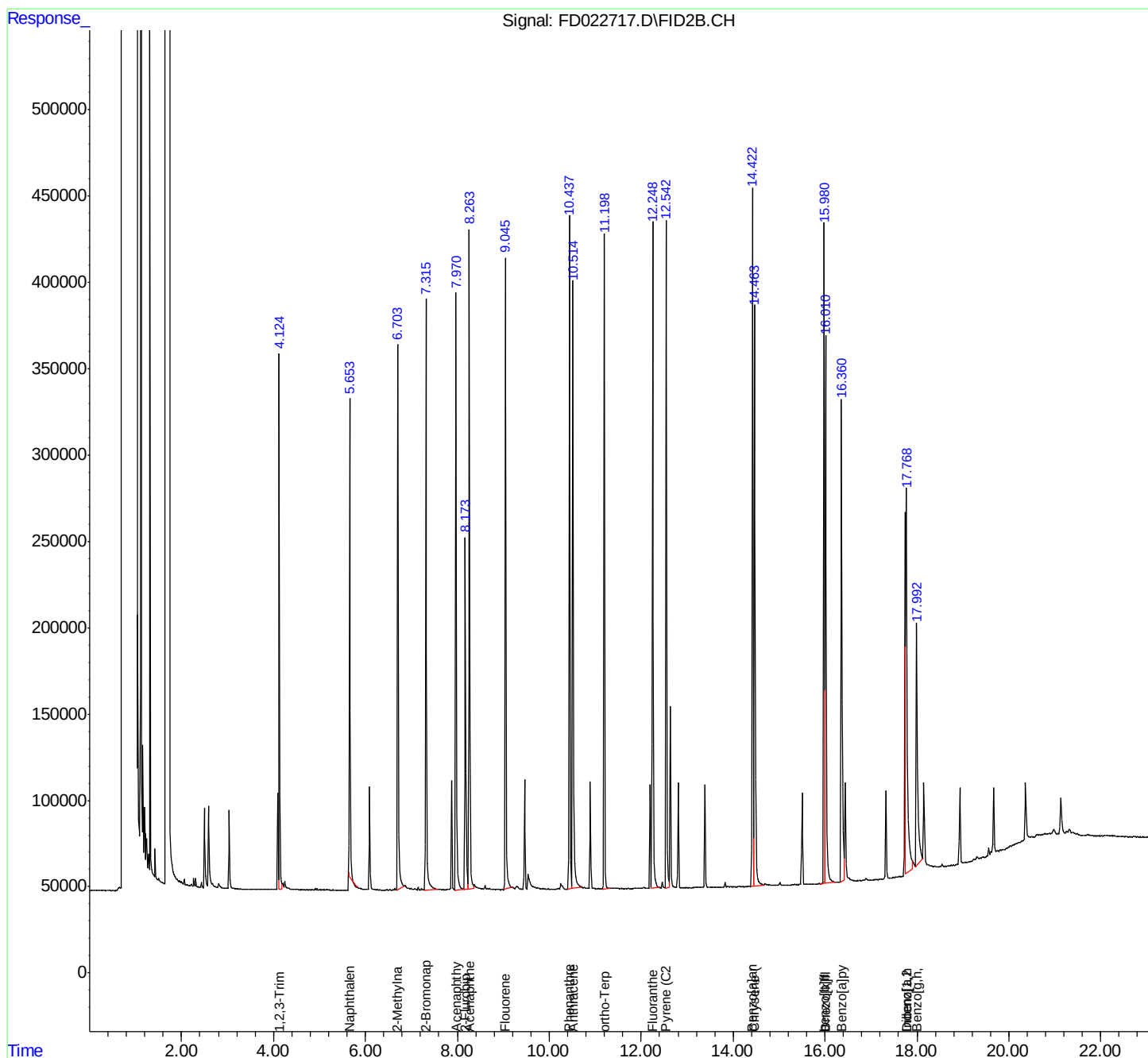
(f)=RT Delta > 1/2 Window

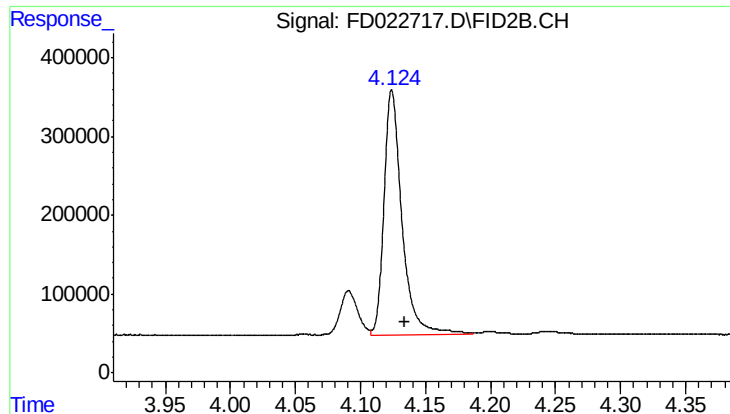
(m)=manual int.

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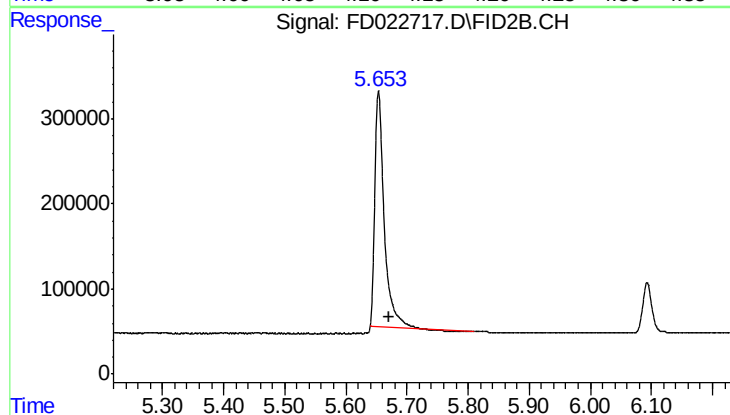
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Signal Info : 20M x 0.18mm x 0.18µm





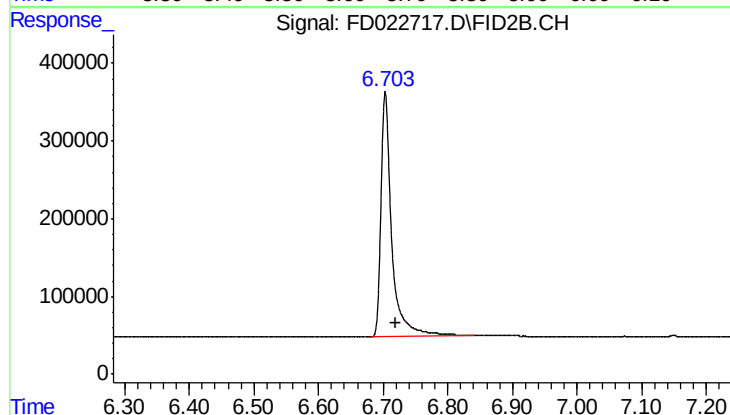
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min
Delta R.T.: -0.010 min
Response: 3019139
Conc: 31.00 ug/ml



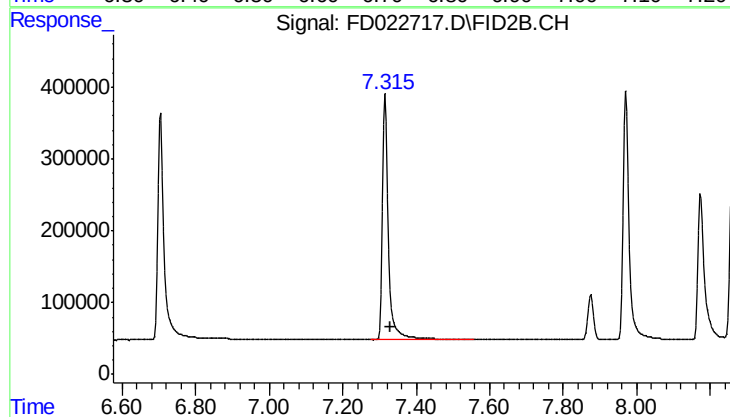
#2 Naphthalene (C11.7)

R.T.: 5.654 min
Delta R.T.: -0.017 min
Response: 2958055
Conc: 31.85 ug/ml



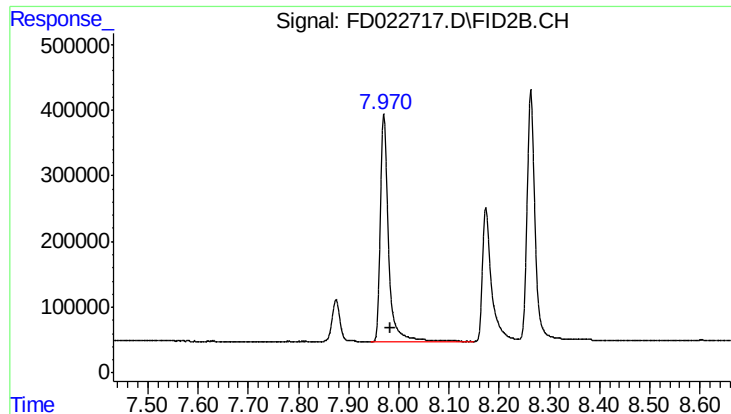
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.703 min
Delta R.T.: -0.017 min
Response: 3677676
Conc: 40.01 ug/ml



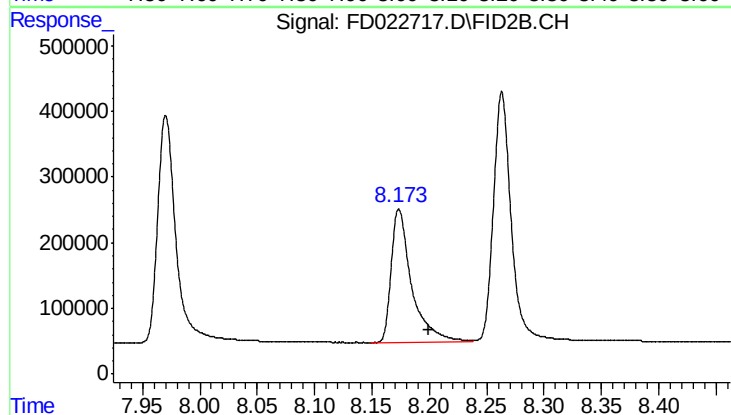
#4 2-Bromonaphthalene (SURR)

R.T.: 7.315 min
Delta R.T.: -0.015 min
Response: 3917458
Conc: 45.29 ug/ml



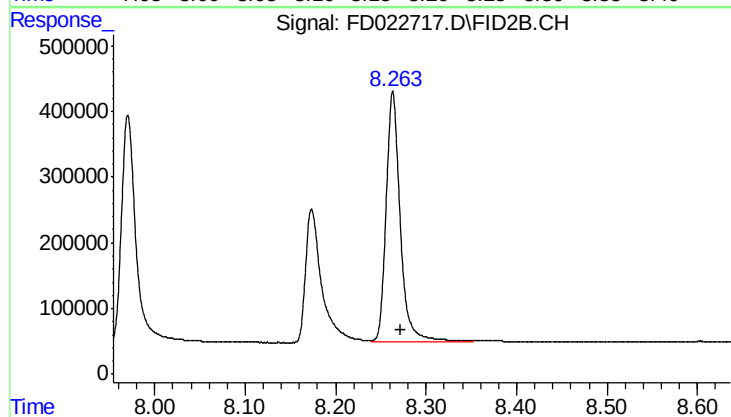
#5 Acenaphthylene (C15.06)

R.T.: 7.970 min
Delta R.T.: -0.012 min
Response: 3902687
Conc: 38.70 ug/ml



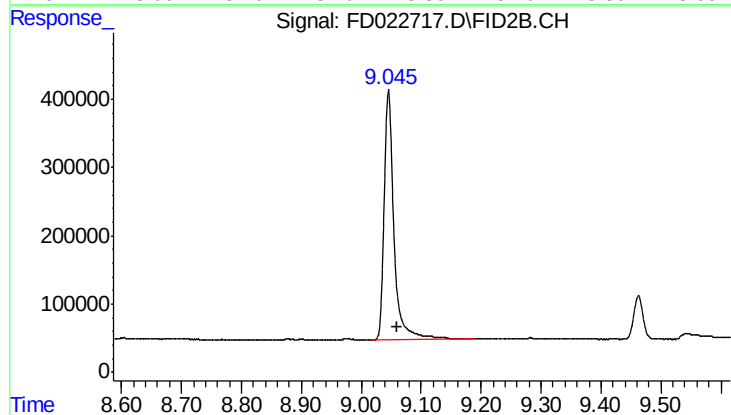
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.174 min
Delta R.T.: -0.026 min
Response: 2533132
Conc: 47.95 ug/ml



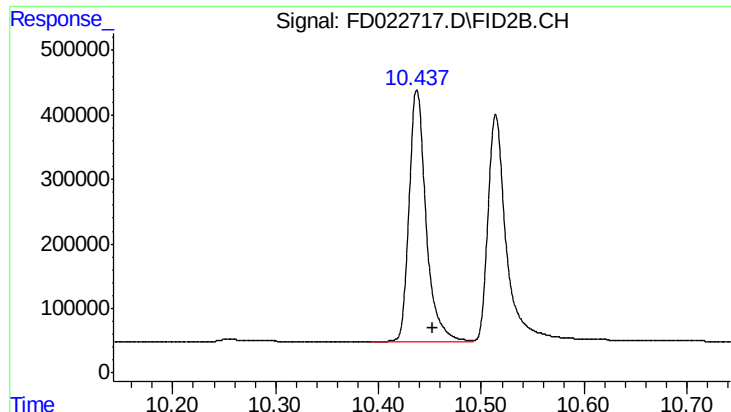
#7 Acenaphthene (C15.5)

R.T.: 8.263 min
Delta R.T.: -0.009 min
Response: 4192967
Conc: 38.16 ug/ml



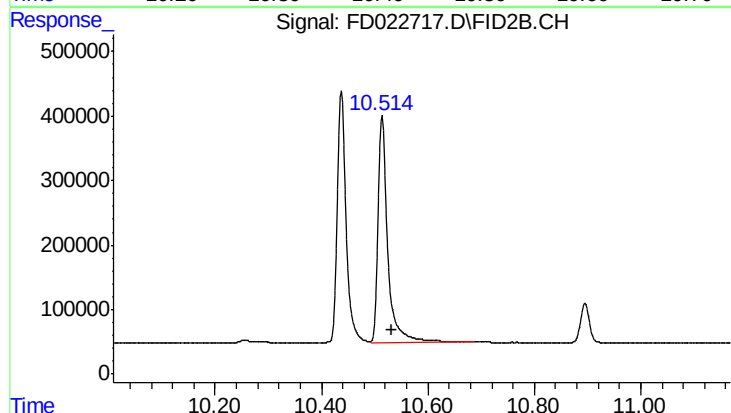
#8 Fluorene (C16.55)

R.T.: 9.046 min
Delta R.T.: -0.014 min
Response: 4124562
Conc: 40.95 ug/ml



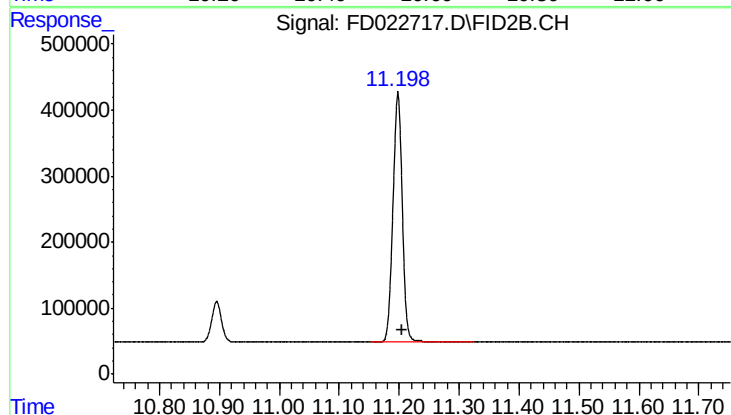
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.015 min
Response: 4481971
Conc: 42.59 ug/ml



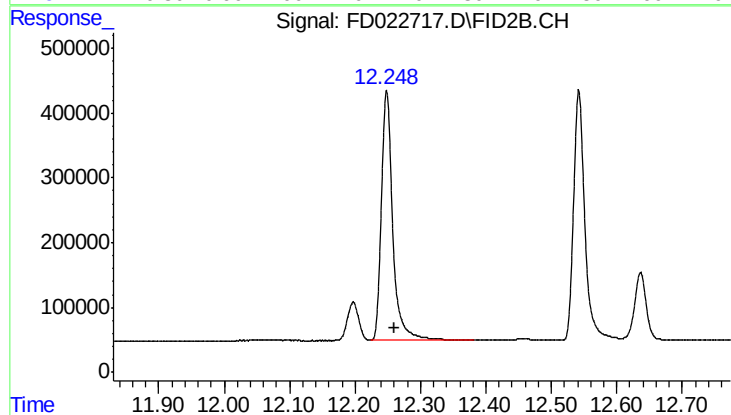
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.018 min
Response: 4470703
Conc: 41.67 ug/ml



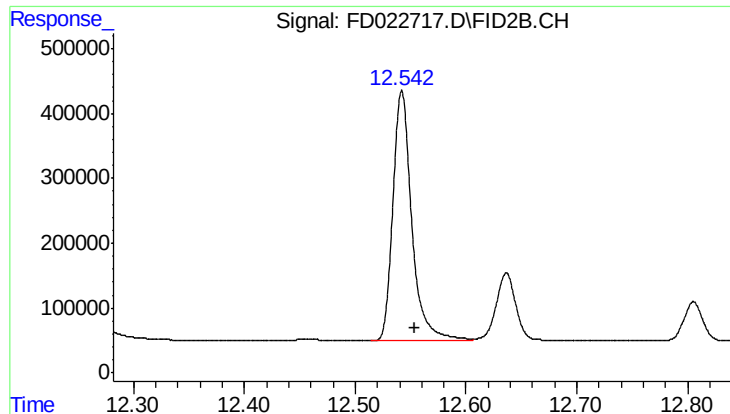
#11 ortho-Terphenyl (SURR)

R.T.: 11.198 min
Delta R.T.: -0.006 min
Response: 4096019
Conc: 38.54 ug/ml



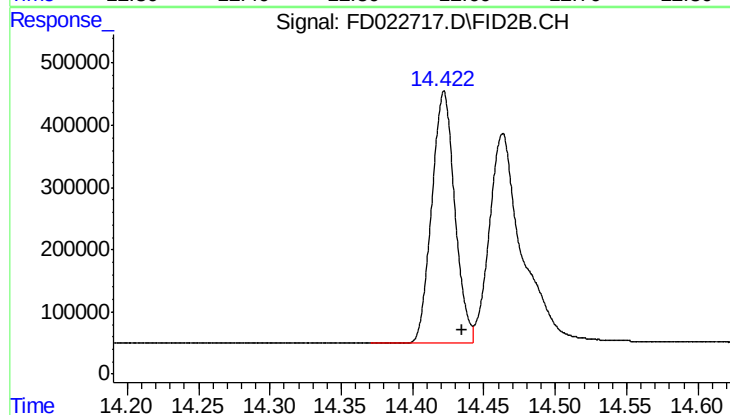
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.013 min
Response: 4676083
Conc: 41.25 ug/ml



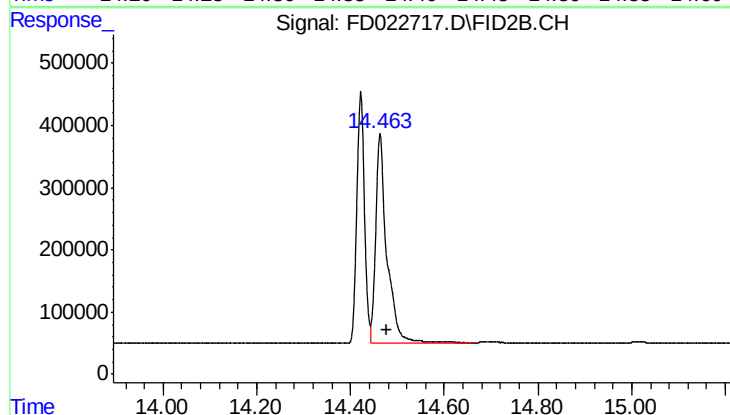
#13 Pyrene (C20.8)

R.T.: 12.542 min
Delta R.T.: -0.011 min
Response: 4605214
Conc: 41.04 ug/ml



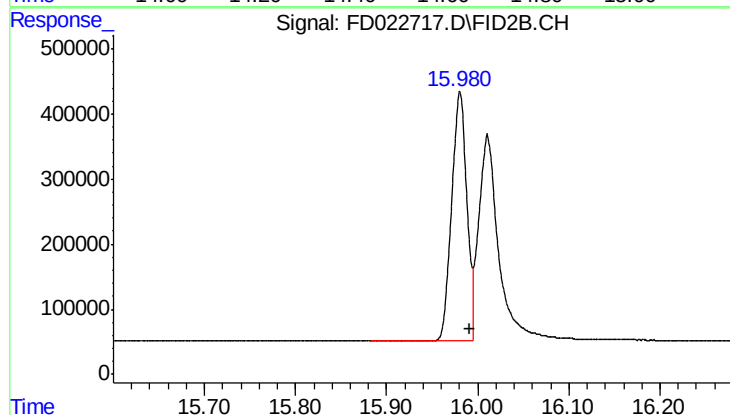
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.013 min
Response: 4533968
Conc: 43.90 ug/ml



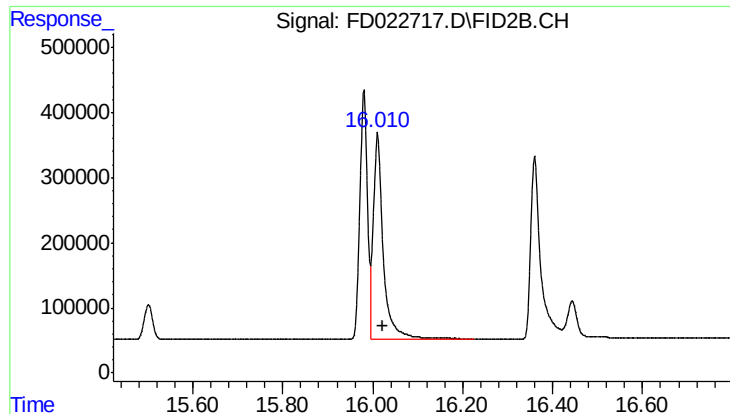
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.014 min
Response: 5535847
Conc: 47.68 ug/ml



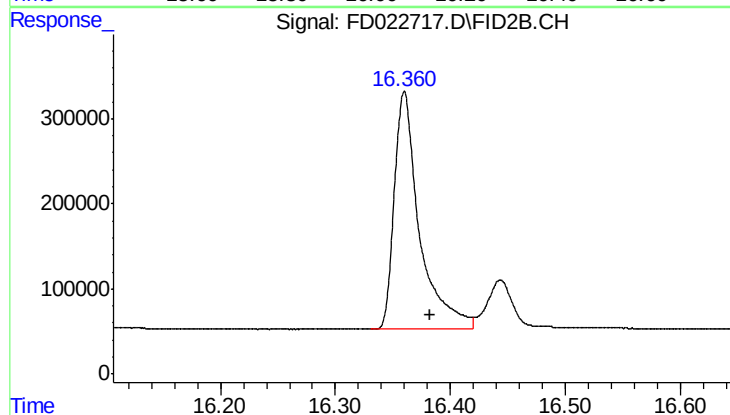
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: -0.011 min
Response: 4398772
Conc: 42.34 ug/ml



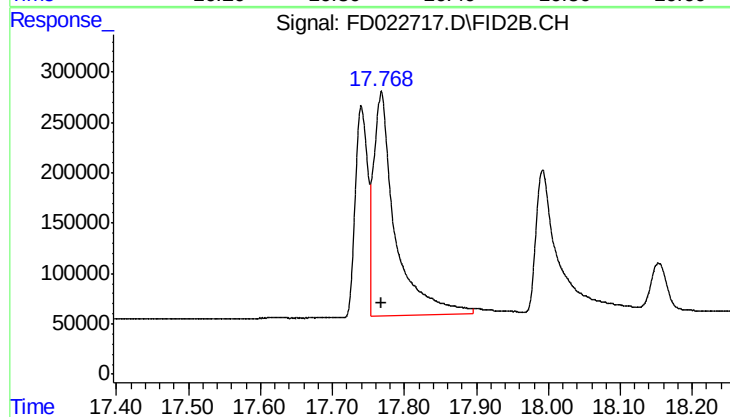
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min
Delta R.T.: -0.012 min
Response: 4903379
Conc: 40.45 ug/ml



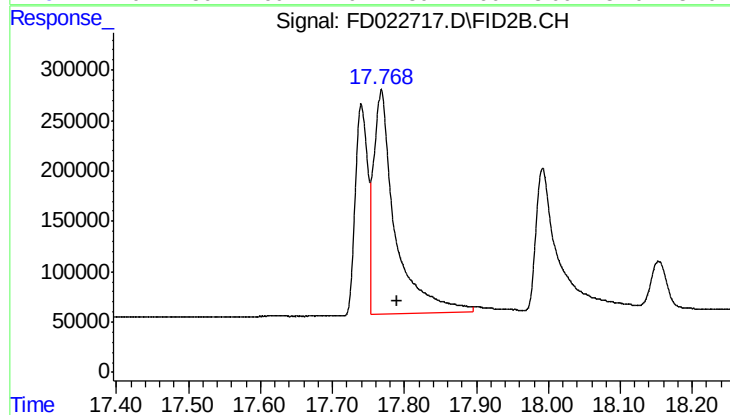
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: -0.023 min
Response: 4243584
Conc: 39.85 ug/ml



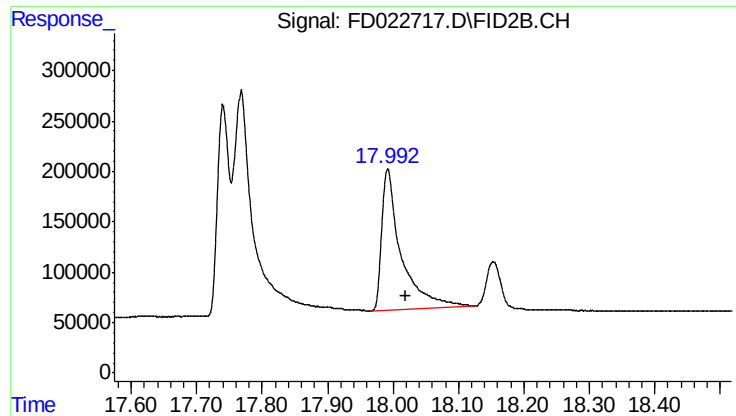
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.768 min
Delta R.T.: 0.000 min
Response: 4722923
Conc: 70.53 ug/ml



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

R.T.: 17.768 min
Delta R.T.: -0.021 min
Response: 4722923
Conc: 38.86 ug/ml



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

R.T.: 17.992 min
Delta R.T.: -0.027 min
Response: 2903670
Conc: 35.21 ug/ml