

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023622.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 15:14
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 15 21:15:23 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue May 15 20:59:44 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...	7.248	2843362	20.966 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
6) S 2-Fluorobiphenyl (SURR)	8.108	1682812	23.613 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.23%
11) S ortho-Terphenyl (SURR)	11.117	3379400	24.172 ug/ml
Spiked Amount 50.000		Recovery =	48.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.065	2971844	21.320 ug/ml
2) T Naphthalene (C11.7)	5.592	2928170	21.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.638	3058221	22.404 ug/ml
5) T Acenaphthylene (C15.06)	7.900	3232233	22.115 ug/ml
7) T Acenaphthene (C15.5)	8.190	3638401	21.537 ug/ml
8) T Fluorene (C16.55)	8.974	3229312	22.551 ug/ml
9) T Phenanthrene (C19.36)	10.364	3299929	24.862 ug/ml
10) T Anthracene (C19.43)	10.442	3284004	23.471 ug/ml
12) T Fluoranthene (C21.85)	12.170	3524730	25.661 ug/ml
13) T Pyrene (C20.8)	12.463	3467076	24.562 ug/ml
14) T Benzo[alanthracene (C...	14.341	3300518	26.567 ug/ml
15) T Chrysene (C27.41)	14.383	3648215	23.564 ug/ml
16) T benzo[blfluoranthene ...	15.900	3198694	23.729 ug/ml
17) T Bnezo[klfluoranthene ...	15.929	3861109	23.399 ug/ml
18) T Benzo[alpyrene (C31.34)	16.284	3165543	21.959 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.668	1928838	14.864 ug/ml
20) T Dibenz[fa,h]anthracene...	17.689	4103961	24.672 ug/ml
21) T Benzo[fa,h,ilpervlene ...	17.920	2650876	17.885 ug/ml

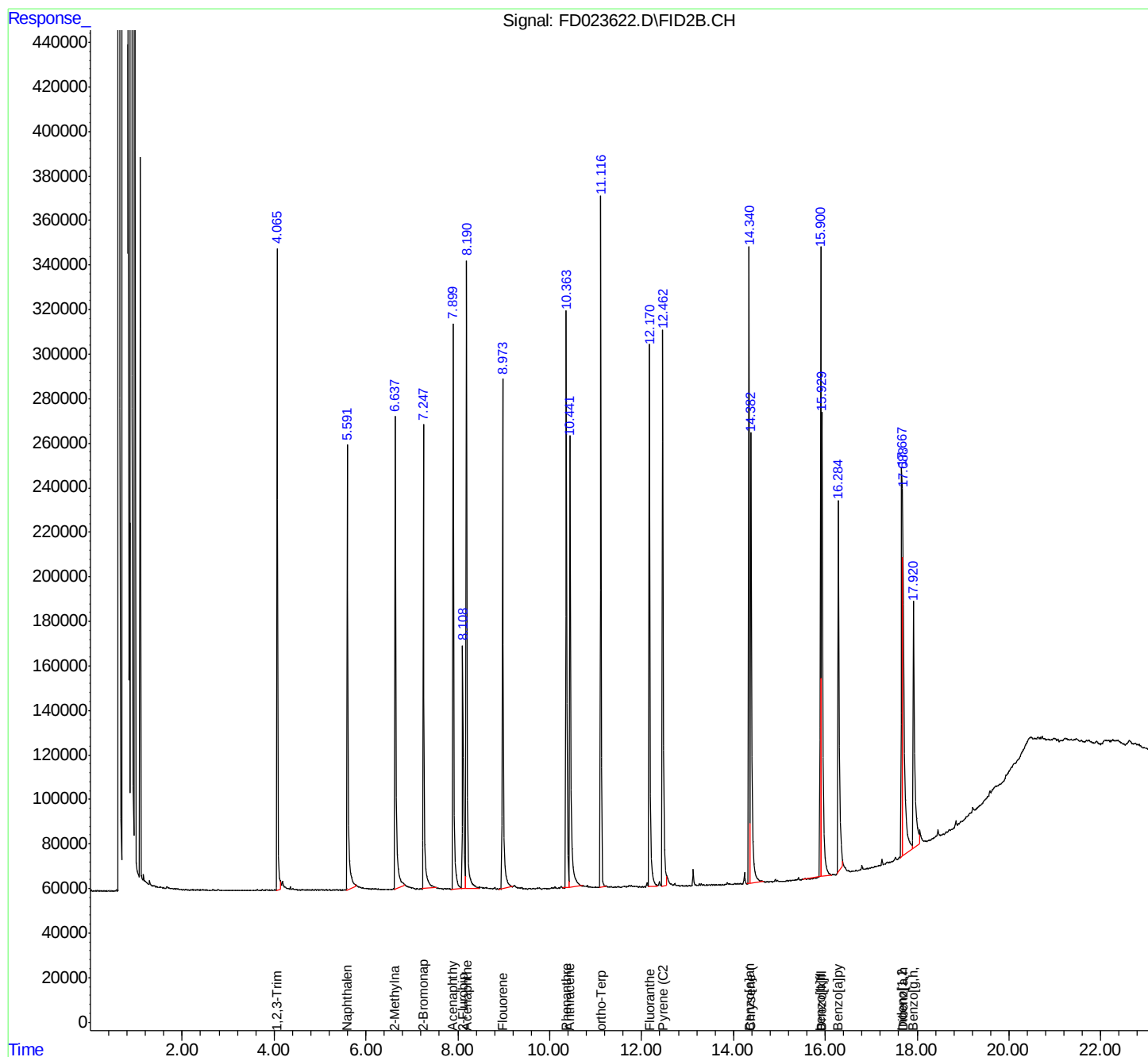
(f)=RT Delta > 1/2 Window

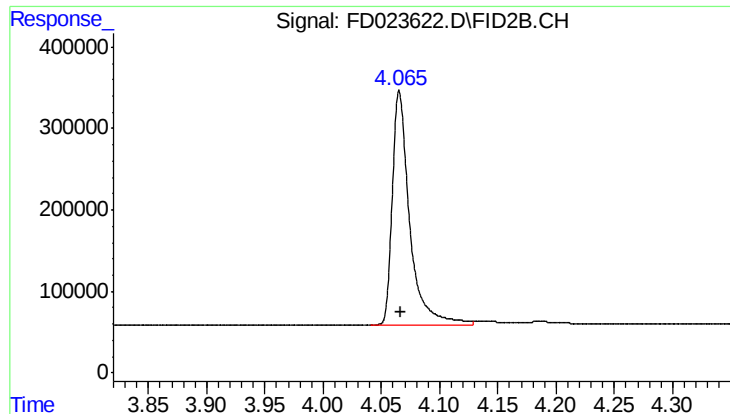
(m)=manual int.

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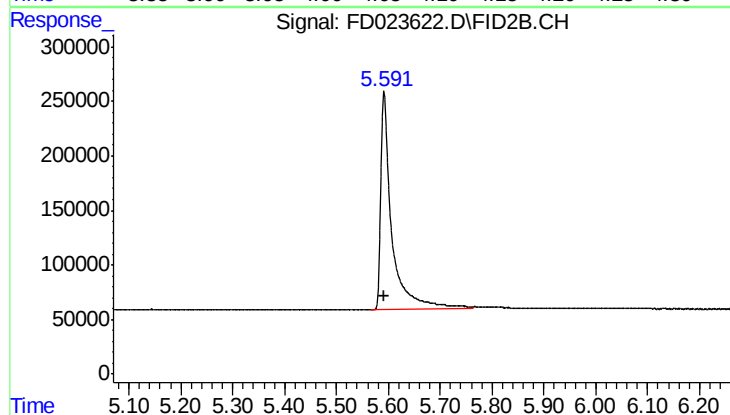
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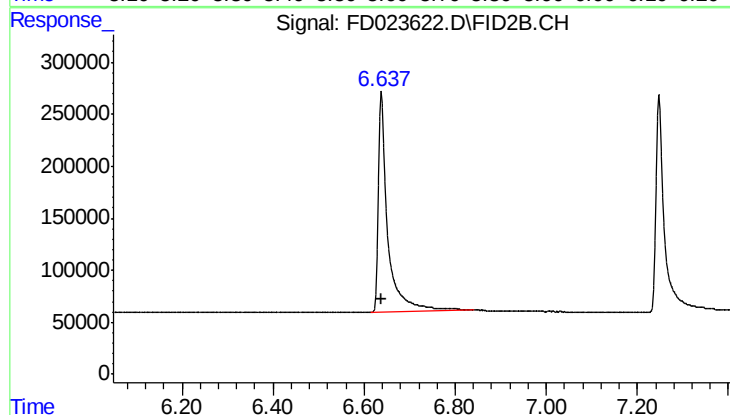
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 2971844
Conc: 21.32 ug/ml



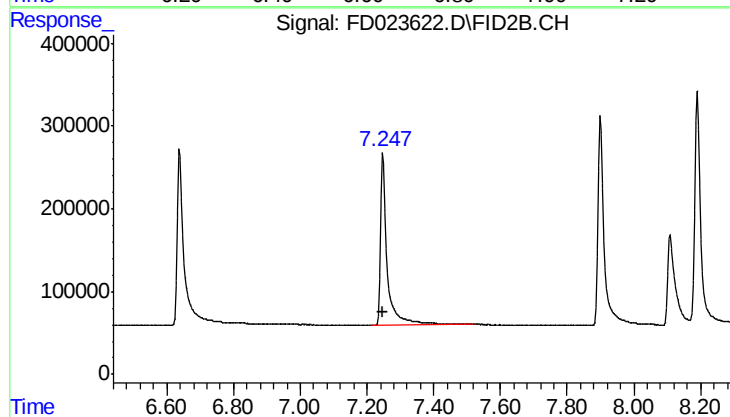
#2 Naphthalene (C11.7)

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 2928170
Conc: 21.39 ug/ml



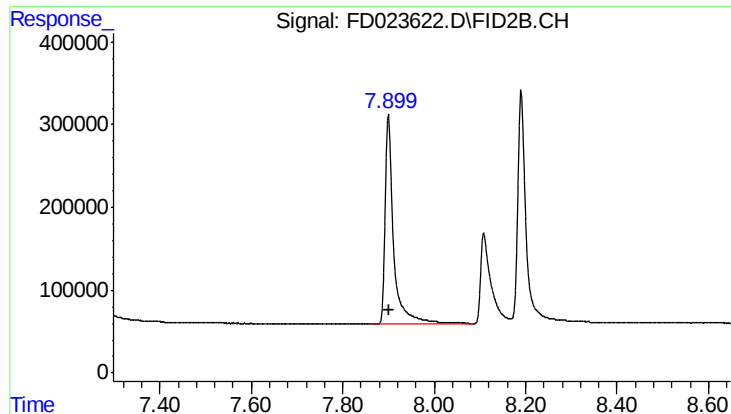
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.638 min
Delta R.T.: -0.001 min
Response: 3058221
Conc: 22.40 ug/ml



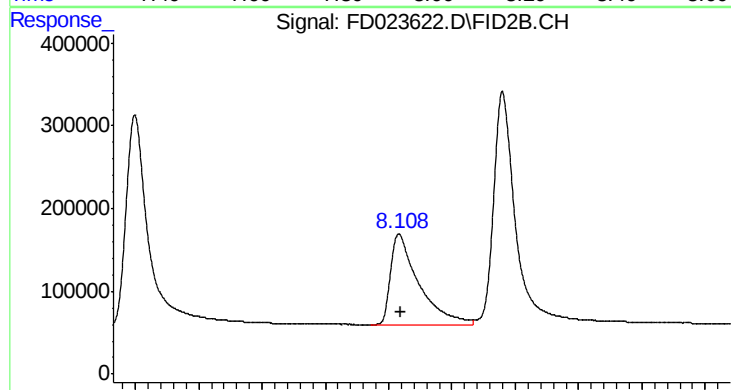
#4 2-Bromonaphthalene (SURR)

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 2843362
Conc: 20.97 ug/ml



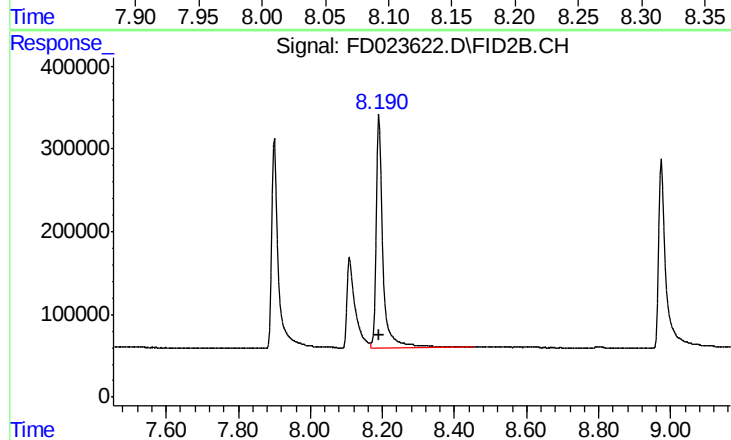
#5 Acenaphthylene (C15.06)

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 3232233
Conc: 22.11 ug/ml



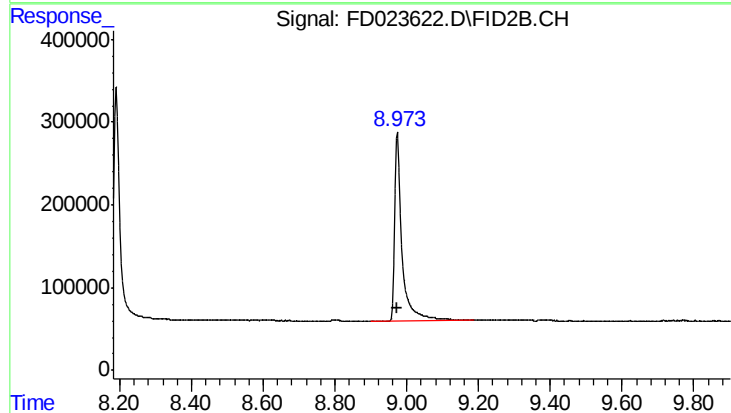
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 1682812
Conc: 23.61 ug/ml



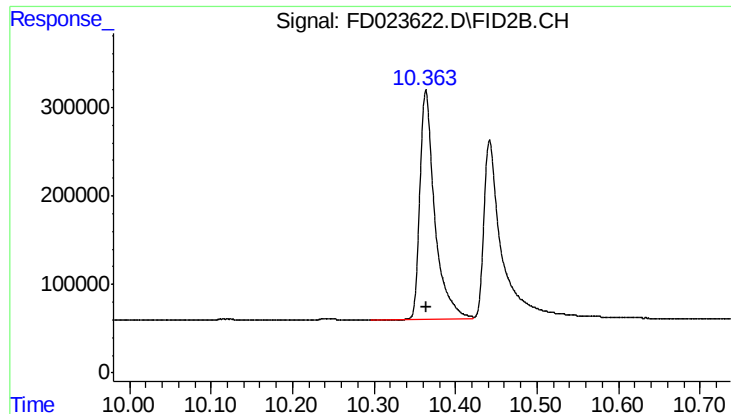
#7 Acenaphthene (C15.5)

R.T.: 8.190 min
Delta R.T.: -0.001 min
Response: 3638401
Conc: 21.54 ug/ml



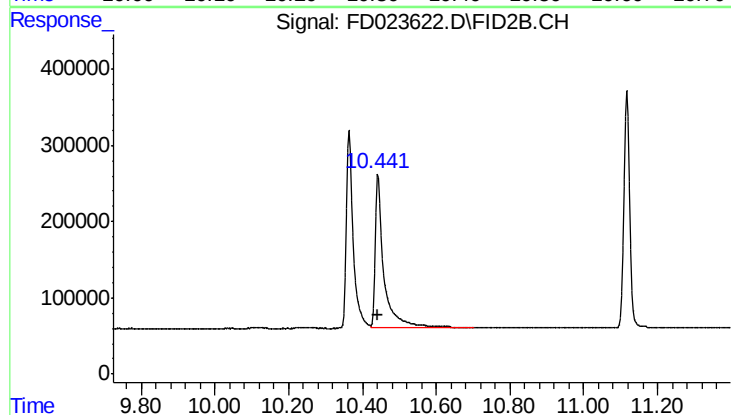
#8 Fluorene (C16.55)

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 3229312
Conc: 22.55 ug/ml



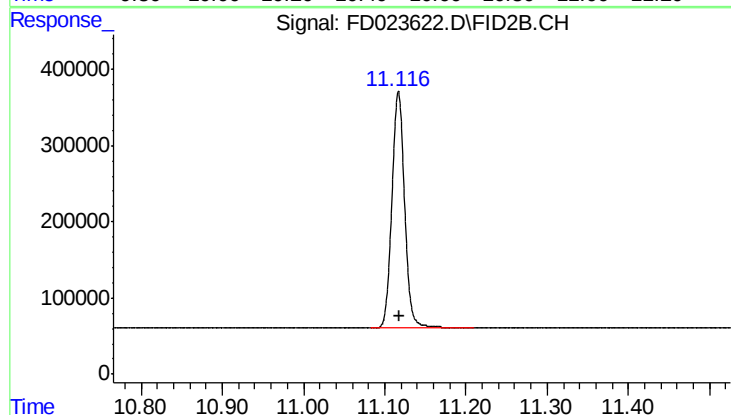
#9 Phenanthrene (C19.36)

R.T.: 10.364 min
Delta R.T.: 0.000 min
Response: 3299929
Conc: 24.86 ug/ml



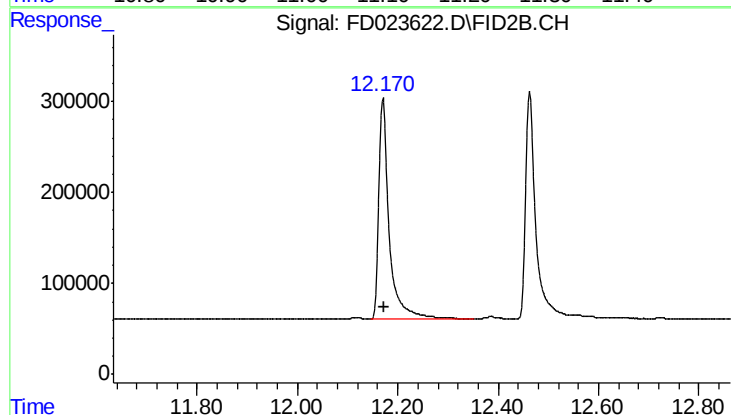
#10 Anthracene (C19.43)

R.T.: 10.442 min
Delta R.T.: 0.000 min
Response: 3284004
Conc: 23.47 ug/ml



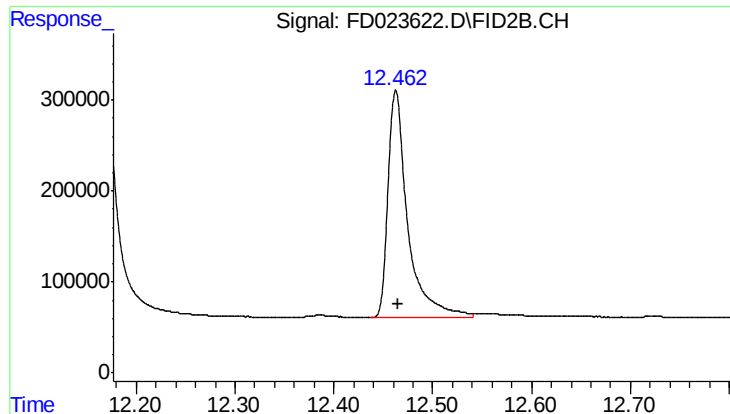
#11 ortho-Terphenyl (SURR)

R.T.: 11.117 min
Delta R.T.: -0.002 min
Response: 3379400
Conc: 24.17 ug/ml



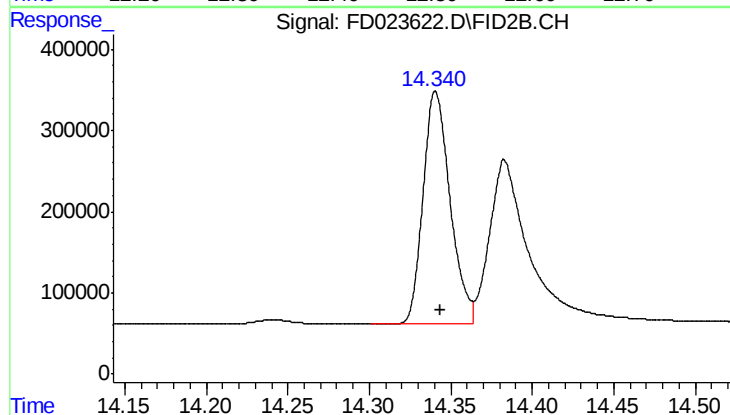
#12 Fluoranthene (C21.85)

R.T.: 12.170 min
Delta R.T.: -0.002 min
Response: 3524730
Conc: 25.66 ug/ml



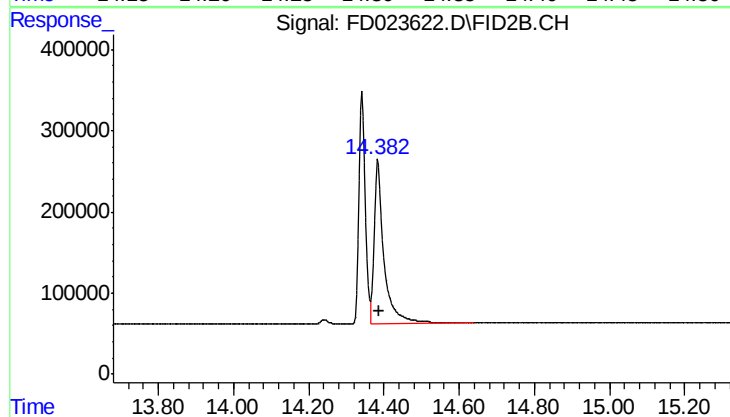
#13 Pyrene (C20.8)

R.T.: 12.463 min
Delta R.T.: -0.002 min
Response: 3467076
Conc: 24.56 ug/ml



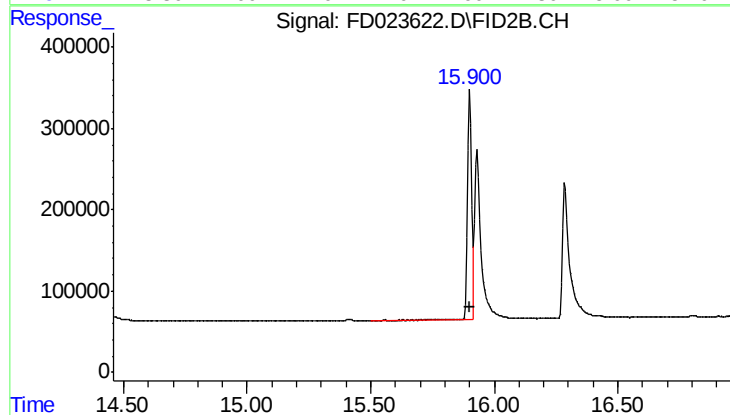
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.341 min
Delta R.T.: -0.003 min
Response: 3300518
Conc: 26.57 ug/ml



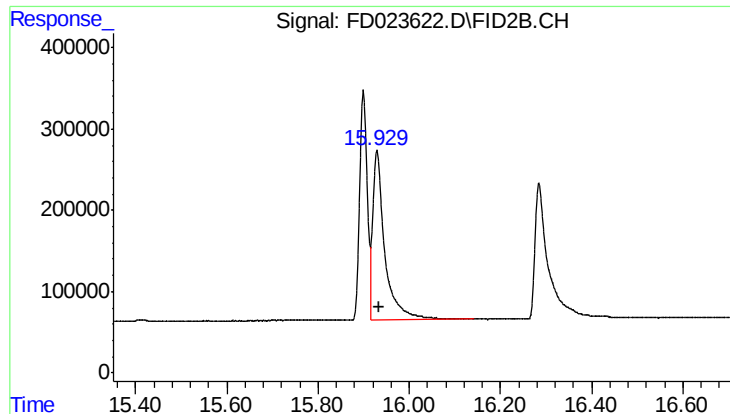
#15 Chrysene (C27.41)

R.T.: 14.383 min
Delta R.T.: -0.003 min
Response: 3648215
Conc: 23.56 ug/ml



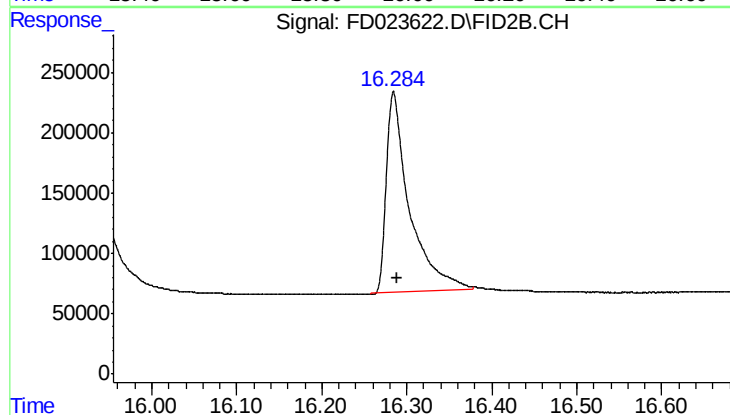
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.900 min
Delta R.T.: -0.004 min
Response: 3198694
Conc: 23.73 ug/ml



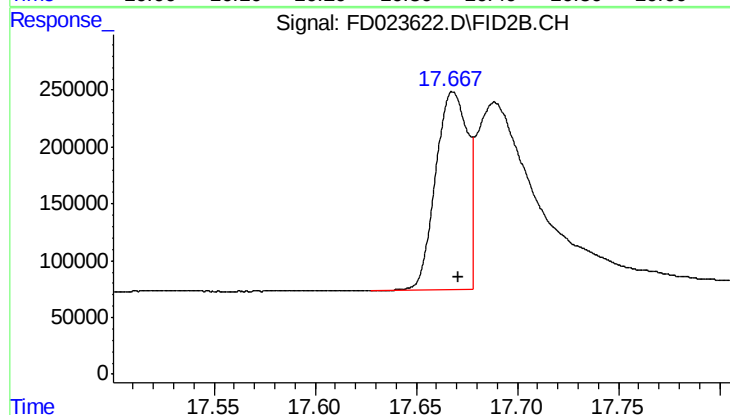
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.929 min
Delta R.T.: -0.004 min
Response: 3861109
Conc: 23.40 ug/ml



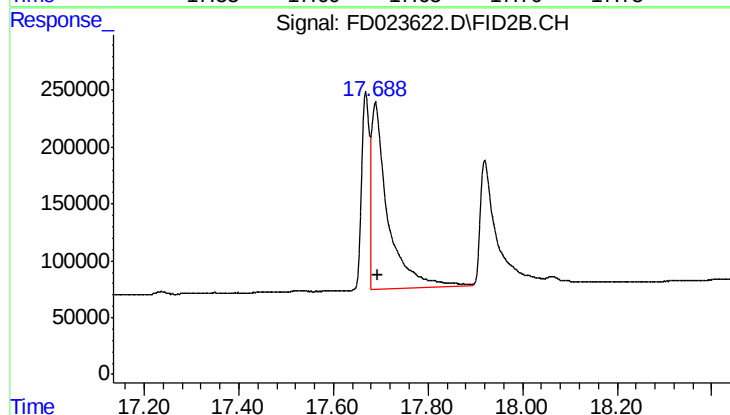
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.284 min
Delta R.T.: -0.004 min
Response: 3165543
Conc: 21.96 ug/ml m



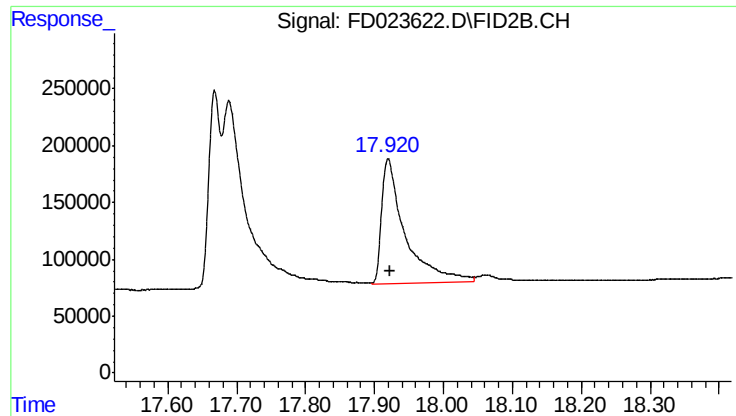
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.668 min
Delta R.T.: -0.003 min
Response: 1928838
Conc: 14.86 ug/ml



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

R.T.: 17.689 min
Delta R.T.: -0.005 min
Response: 4103961
Conc: 24.67 ug/ml



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

R.T.: 17.920 min
Delta R.T.: -0.003 min
Response: 2650876
Conc: 17.89 ug/ml