

Data Path : P:\HPCHEM1\FID D\Data\FD032018AR\
 Data File : FD022595.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 17:57
 Operator : UA/AJ
 Sample : 5 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 06:56:38 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 06:52:26 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...	7.329	447790	5.440 ug/ml
Spiked Amount 50.000		Recovery =	10.88%
6) S 2-Fluorobiphenyl (SURR)	8.199	222090	4.225 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.45%
11) S ortho-Terphenyl (SURR)	11.204	592556	5.839 ug/ml
Spiked Amount 50.000		Recovery =	11.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.134	538019	5.949 ug/ml
2) T Naphthalene (C11.7)	5.671	461442	5.271 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	438995	4.920 ug/ml
5) T Acenaphthylene (C15.06)	7.983	553857	5.774 ug/ml
7) T Acenaphthene (C15.5)	8.272	647740	6.273 ug/ml
8) T Fluorene (C16.55)	9.060	535033	5.558 ug/ml
9) T Phenanthrene (C19.36)	10.452	548801	5.403 ug/ml
10) T Anthracene (C19.43)	10.532	585838	5.703 ug/ml
12) T Fluoranthene (C21.85)	12.261	622691	5.748 ug/ml
13) T Pyrene (C20.8)	12.554	631861	5.895 ug/ml
14) T Benzo[alanthracene (C...	14.435	506113	5.035 ug/ml
15) T Chrysene (C27.41)	14.477	670640	6.106 ug/ml
16) T benzo[b]fluoranthene ...	15.992	514320	5.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	709684	6.170 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	558113	5.417 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	266830	4.088 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	266830	2.152 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.019	410203	4.972 ug/ml

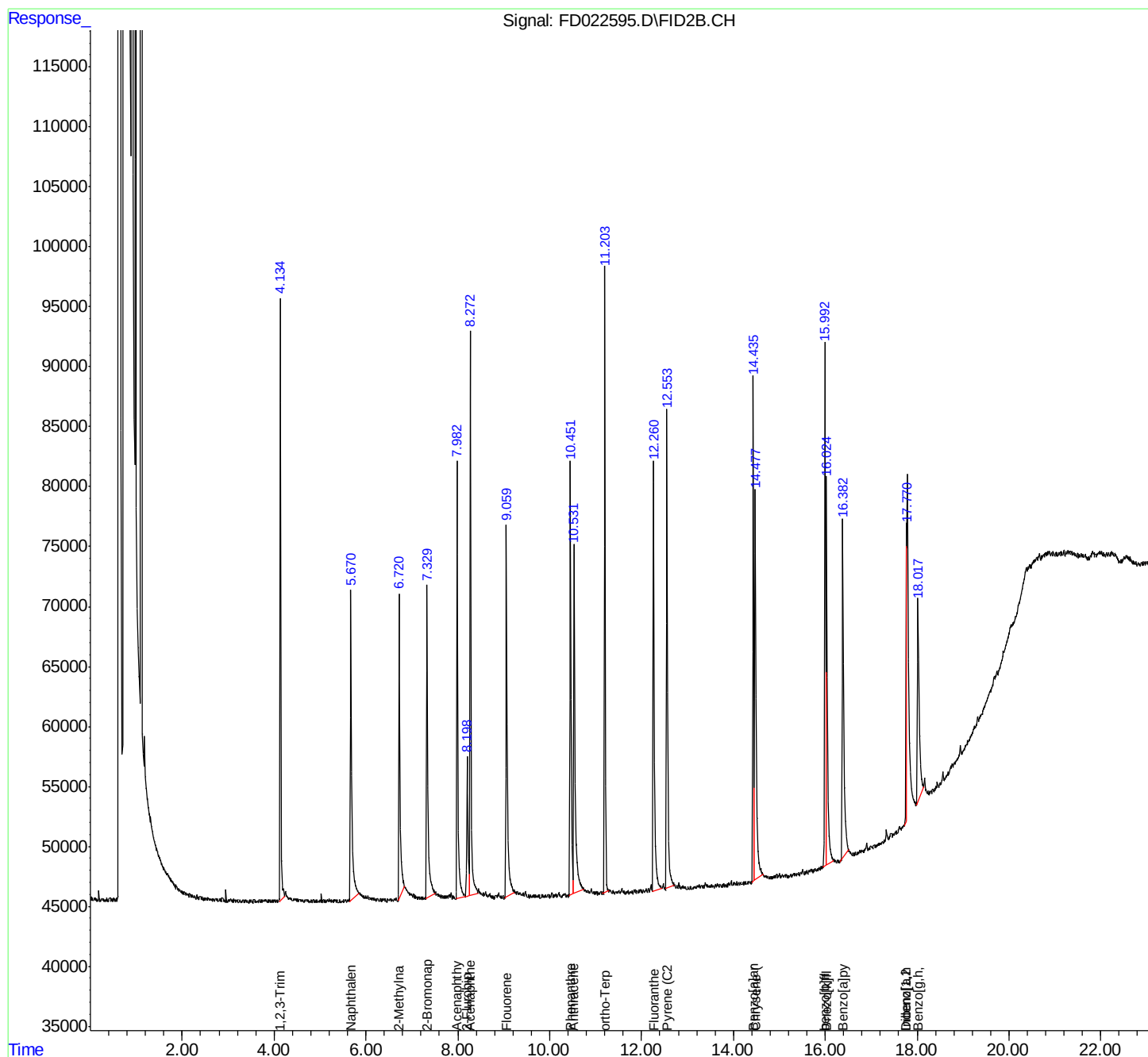
(f)=RT Delta > 1/2 Window

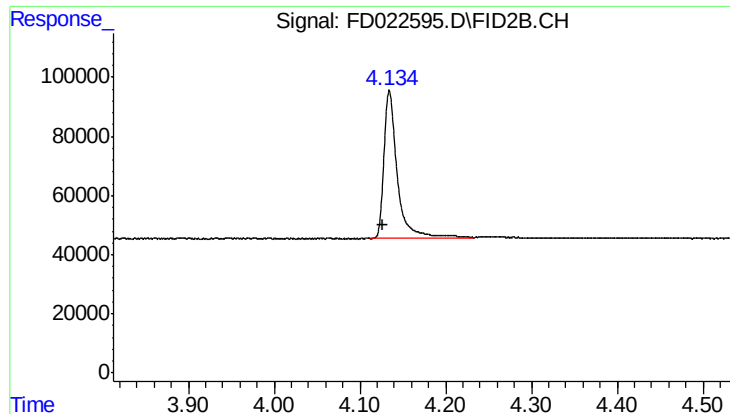
(m)=manual int.

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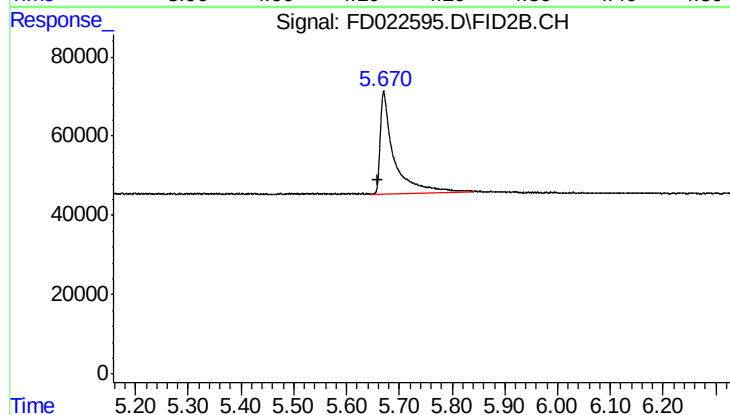
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





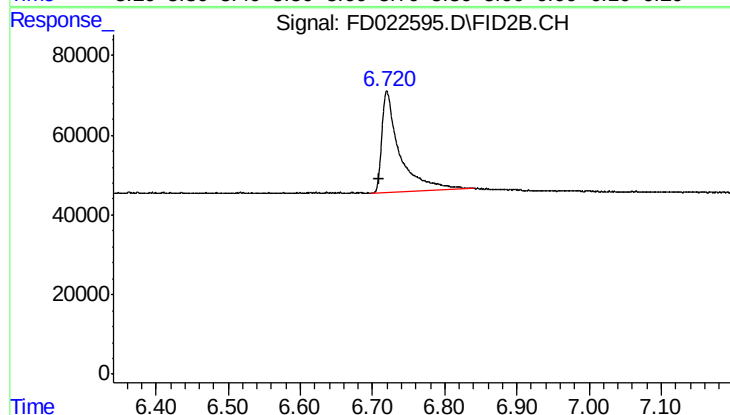
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.134 min
Delta R.T.: 0.008 min
Response: 538019
Conc: 5.95 ug/ml



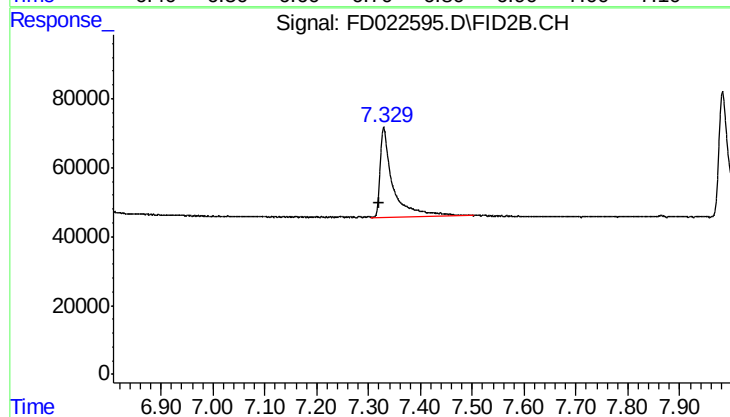
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: 0.012 min
Response: 461442
Conc: 5.27 ug/ml



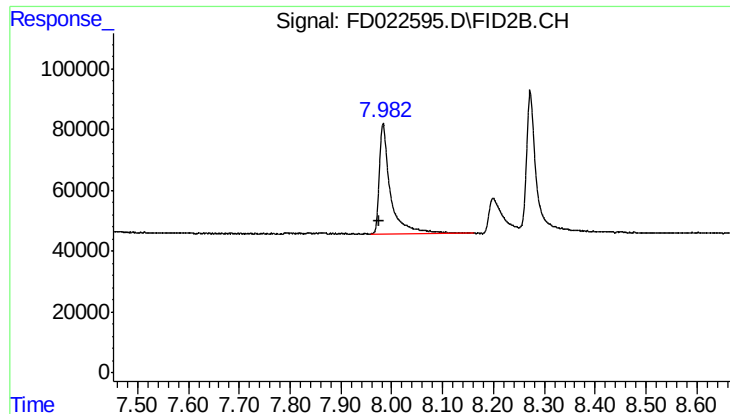
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: 0.012 min
Response: 438995
Conc: 4.92 ug/ml



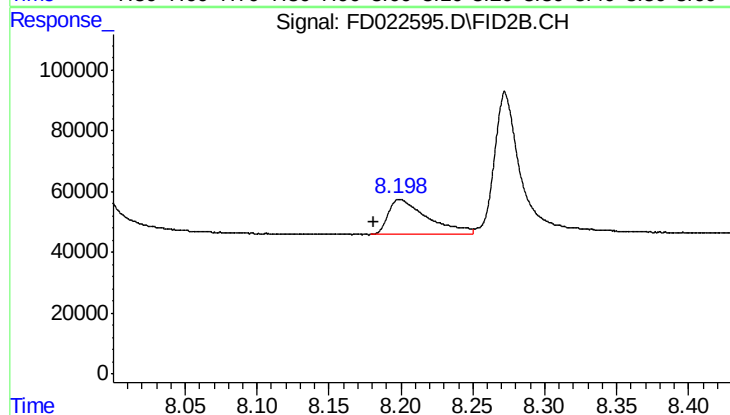
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: 0.009 min
Response: 447790
Conc: 5.44 ug/ml



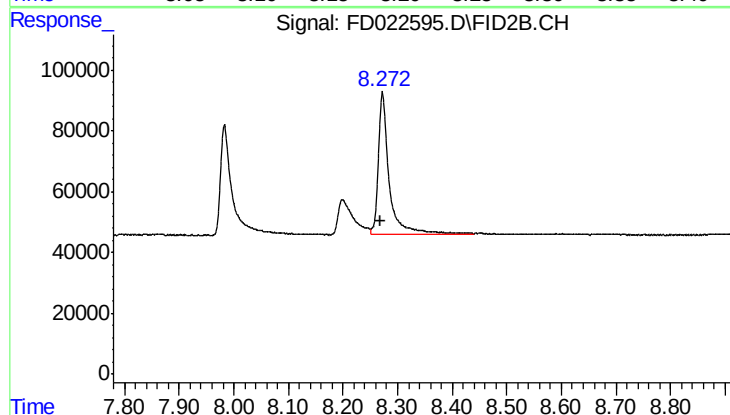
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: 0.008 min
Response: 553857
Conc: 5.77 ug/ml



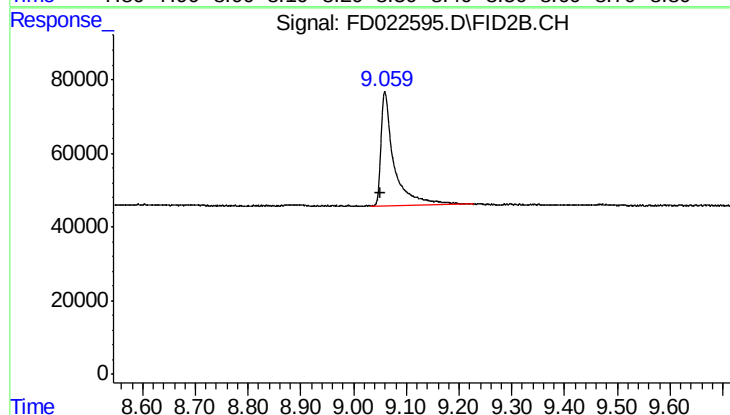
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: 0.018 min
Response: 222090
Conc: 4.22 ug/ml



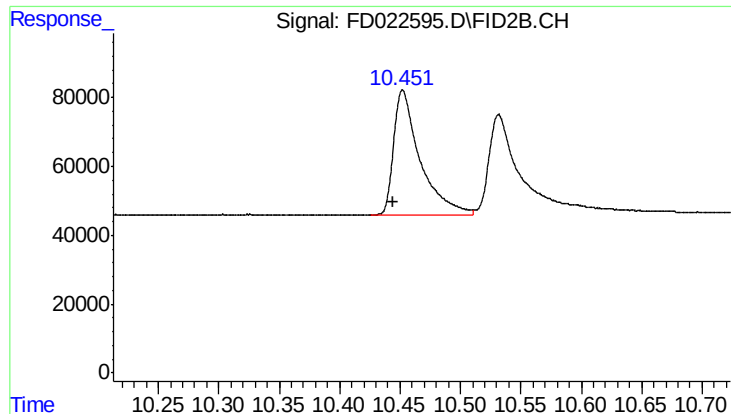
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: 0.005 min
Response: 647740
Conc: 6.27 ug/ml



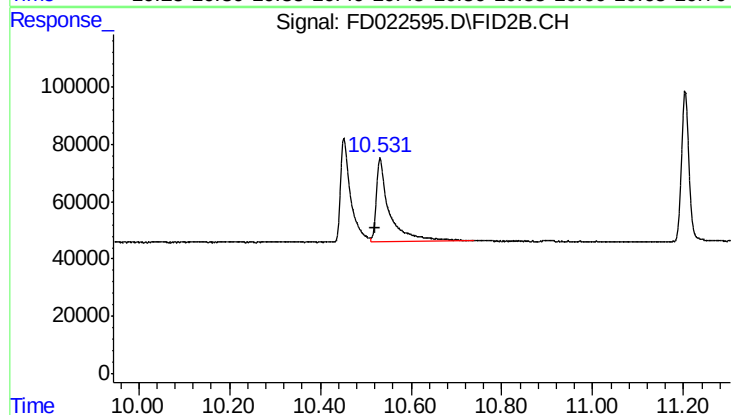
#8 Fluorene (C16.55)

R.T.: 9.060 min
Delta R.T.: 0.009 min
Response: 535033
Conc: 5.56 ug/ml



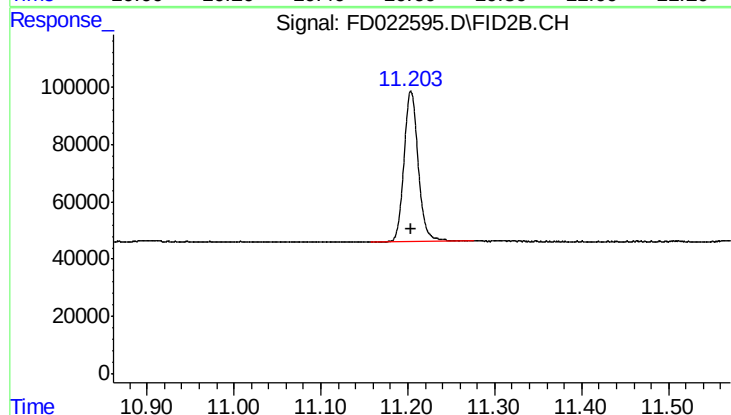
#9 Phenanthrene (C19.36)

R.T.: 10.452 min
Delta R.T.: 0.008 min
Response: 548801
Conc: 5.40 ug/ml



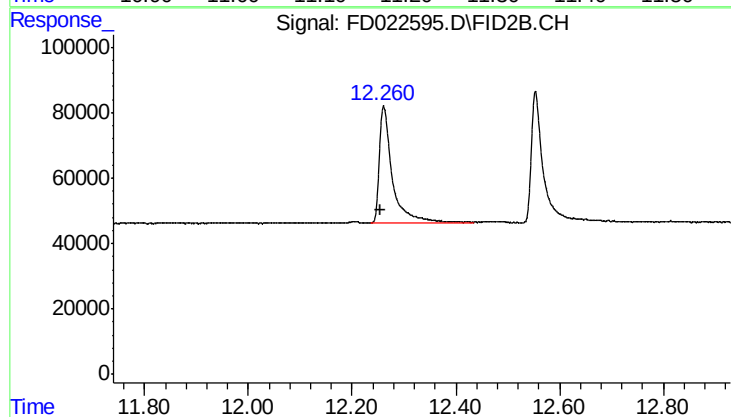
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: 0.012 min
Response: 585838
Conc: 5.70 ug/ml



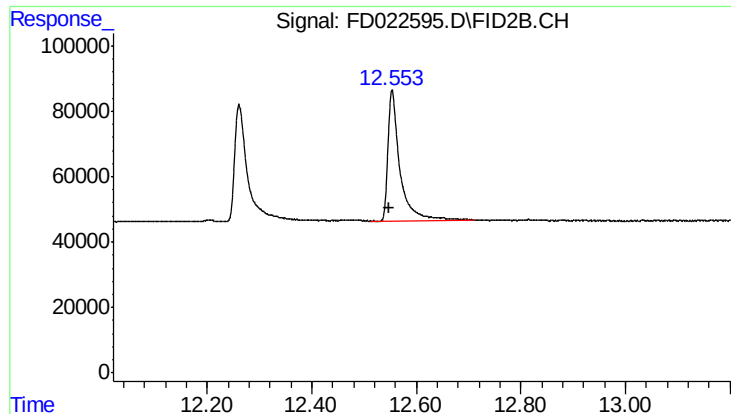
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 592556
Conc: 5.84 ug/ml



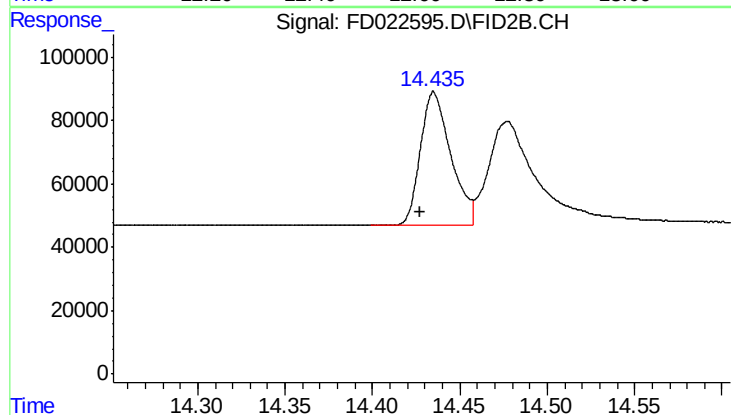
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: 0.007 min
Response: 622691
Conc: 5.75 ug/ml



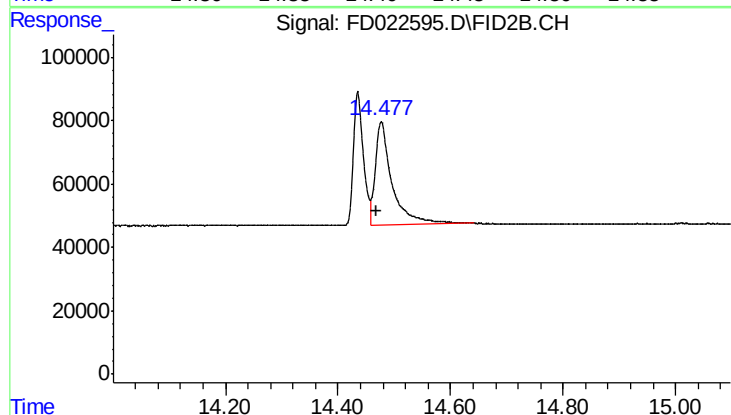
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: 0.006 min
Response: 631861
Conc: 5.89 ug/ml



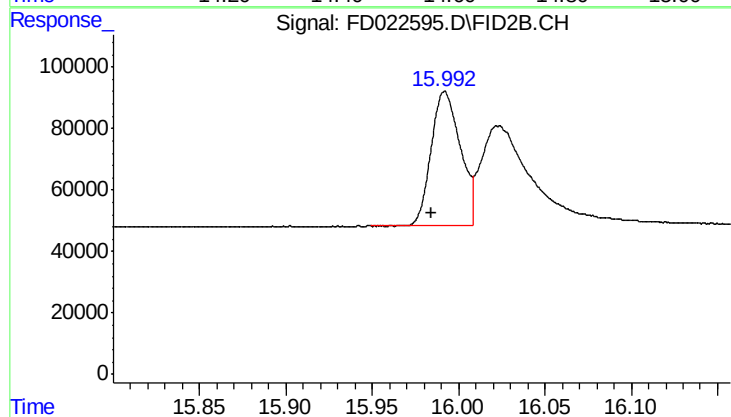
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.008 min
Response: 506113
Conc: 5.03 ug/ml



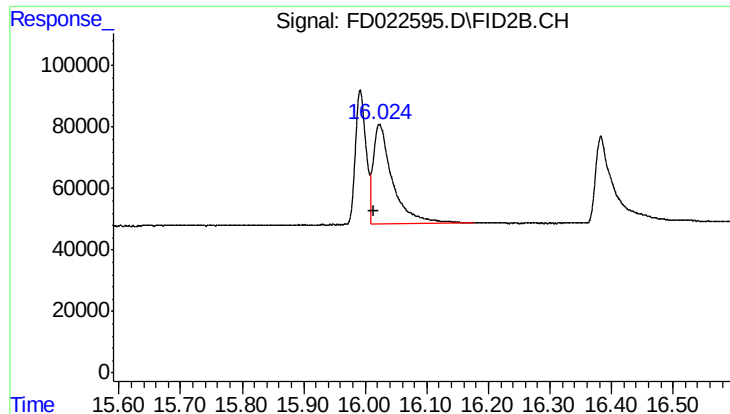
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: 0.009 min
Response: 670640
Conc: 6.11 ug/ml



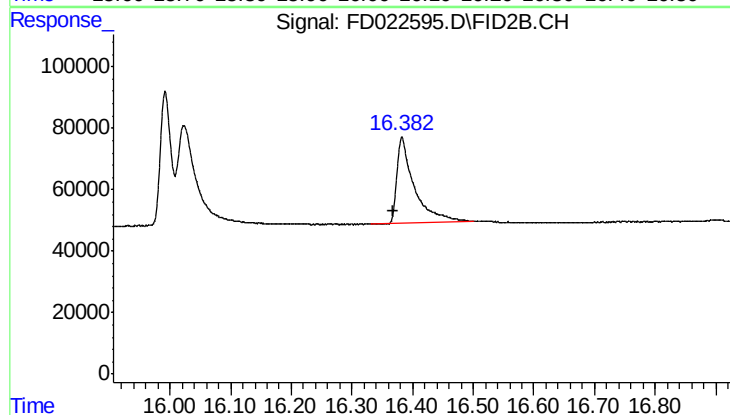
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.992 min
Delta R.T.: 0.008 min
Response: 514320
Conc: 5.11 ug/ml



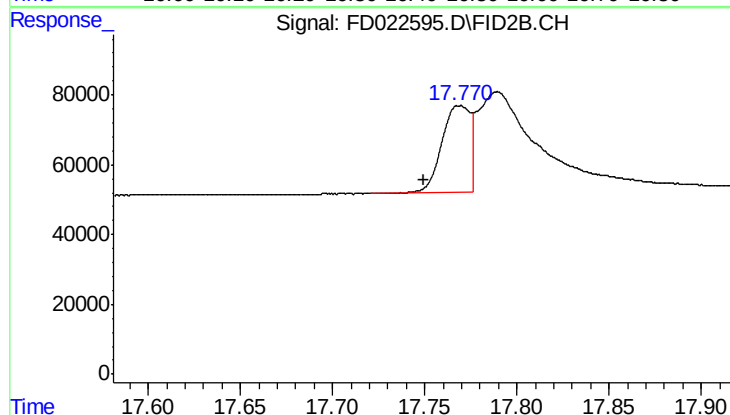
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: 0.009 min
Response: 709684
Conc: 6.17 ug/ml



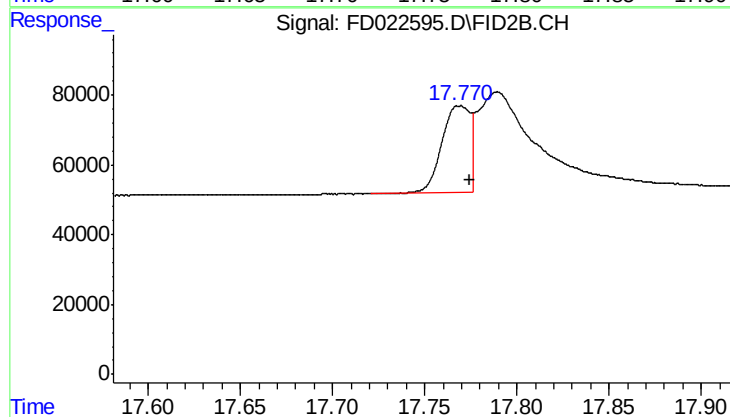
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.014 min
Response: 558113
Conc: 5.42 ug/ml



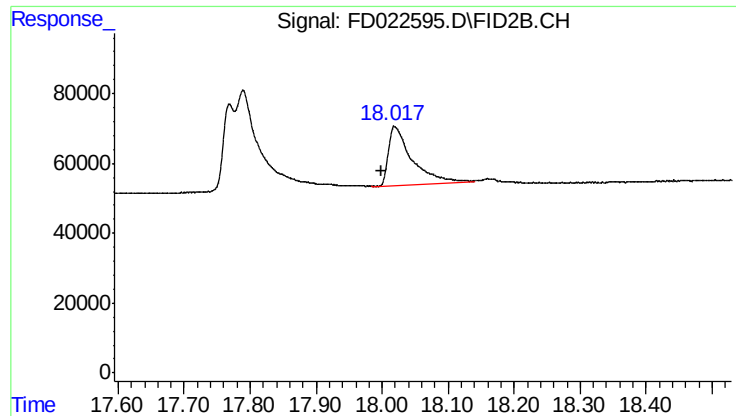
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.769 min
Delta R.T.: 0.020 min
Response: 266830
Conc: 4.09 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.006 min
Response: 266830
Conc: 2.15 ug/ml



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

R.T.: 18.019 min
Delta R.T.: 0.020 min
Response: 410203
Conc: 4.97 ug/ml