

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AR\
 Data File : FD040901.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2022 20:14
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 22:51:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:41:03 2022
 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...	7.364	93754	4.131 ug/ml
Spiked Amount 50.000		Recovery =	8.26%
11) S ortho-Terphenyl (SURR)	11.235	163426	5.611 ug/ml
Spiked Amount 50.000		Recovery =	11.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	136333	5.283 ug/ml
2) T Naphthalene (C11.7)	5.706	101881	4.184 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	105753	4.169 ug/ml
5) T Acenaphthylene (C15.06)	8.009	144865	5.339 ug/ml
7) T Acenaphthene (C15.5)	8.300	165845	5.461 ug/ml
8) T Flouorene (C16.55)	9.085	121151	4.706 ug/ml
9) T Phenanthrene (C19.36)	10.471	112823	4.372 ug/ml
10) T Anthracene (C19.43)	10.549	90999	3.491 ug/ml
12) T Fluoranthene (C21.85)	12.269	134399	4.848 ug/ml
13) T Pyrene (C20.8)	12.560	136251	4.874 ug/ml
14) T Benzo[a]anthracene (C...	14.432	90999	3.867 ug/ml
15) T Chrysene (C27.41)	14.469	178150	5.524 ug/ml
16) T benzo[b]fluoranthene ...	15.970	115402	4.394 ug/ml
17) T Bnezo[k]fluoranthene ...	16.002	173896	5.578 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	125454	4.725 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	112717	4.611 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	158890	5.166 ug/ml
21) T Benzo[g,h,i]perylene ...	17.953	135827	5.109 ug/ml

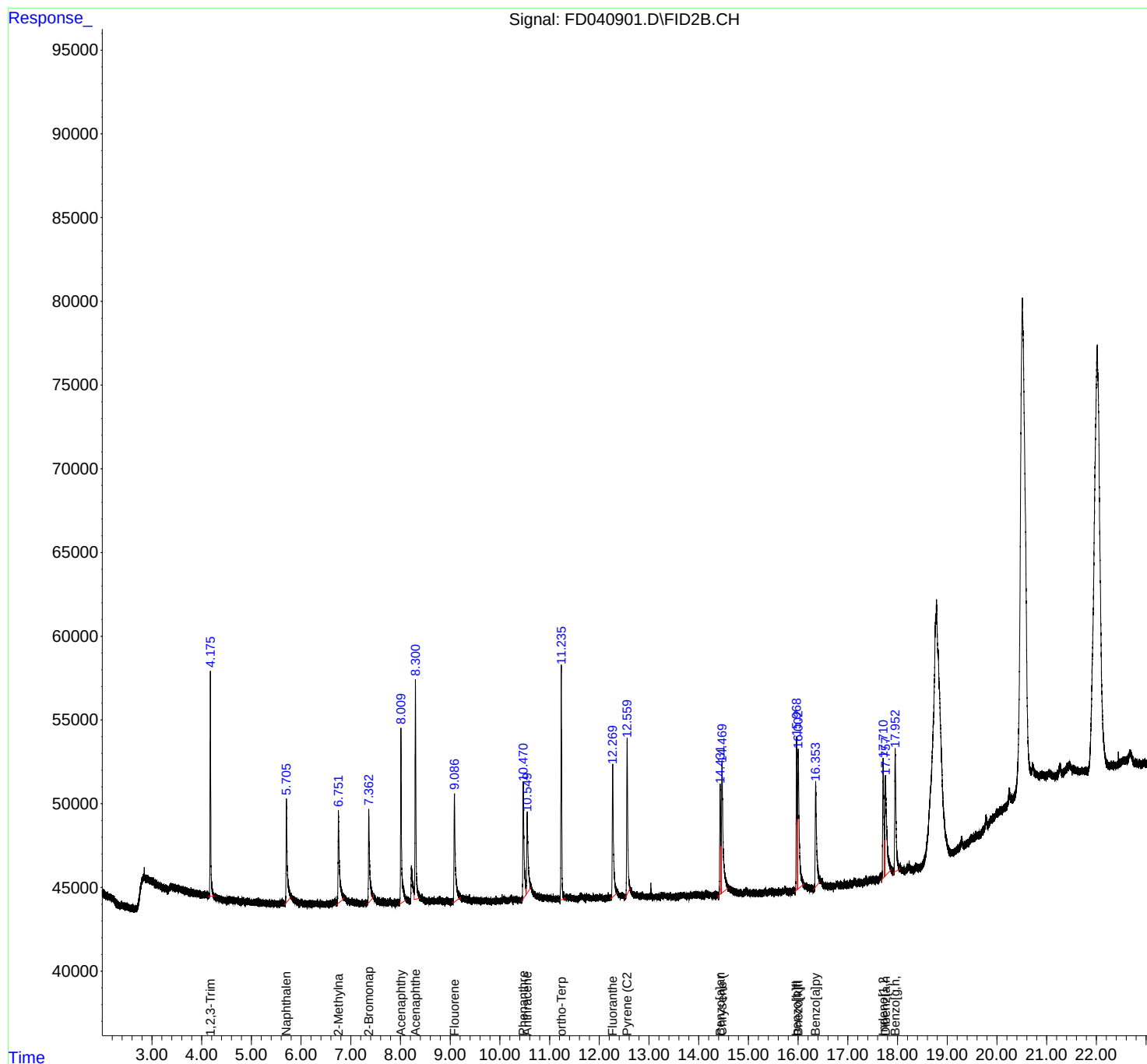
(f)=RT Delta > 1/2 Window

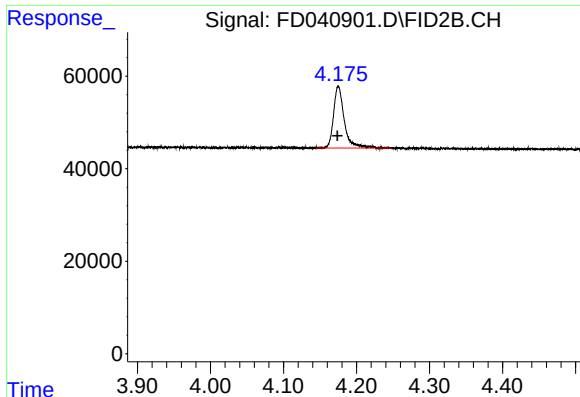
(m)=manual int.

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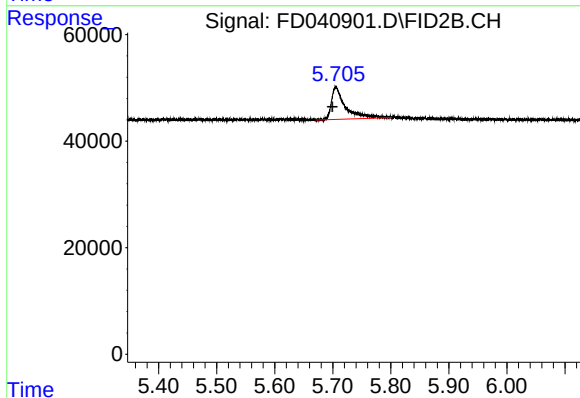
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Signal Info : 20M x 0.18mm x 0.18µm





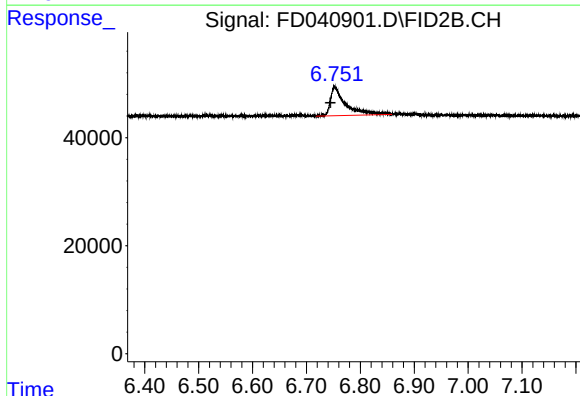
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.175 min
Delta R.T.: 0.001 min
Response: 136333
Conc: 5.28 ug/ml



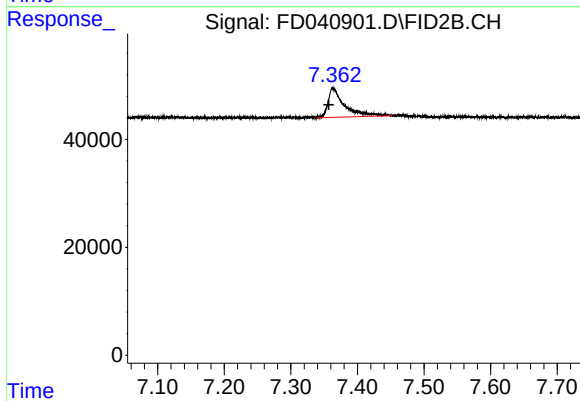
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: 0.007 min
Response: 101881
Conc: 4.18 ug/ml



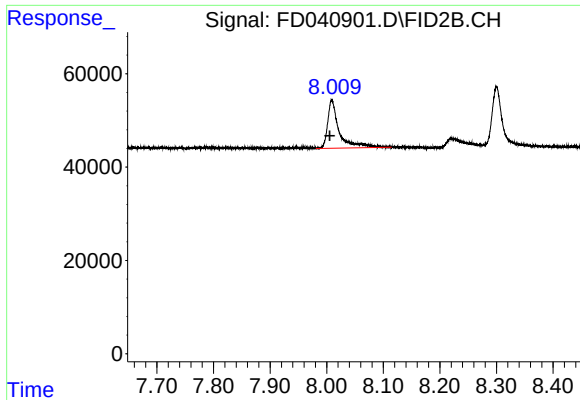
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.008 min
Response: 105753
Conc: 4.17 ug/ml



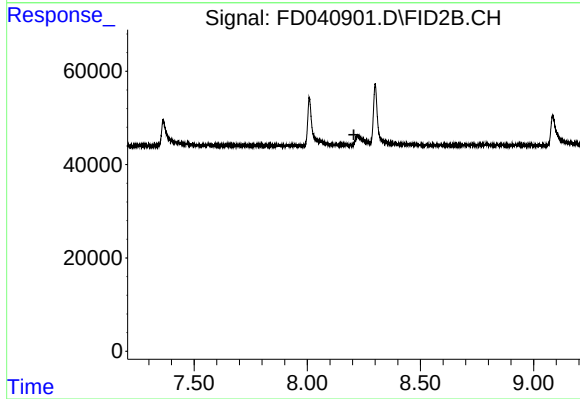
#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: 0.007 min
Response: 93754
Conc: 4.13 ug/ml



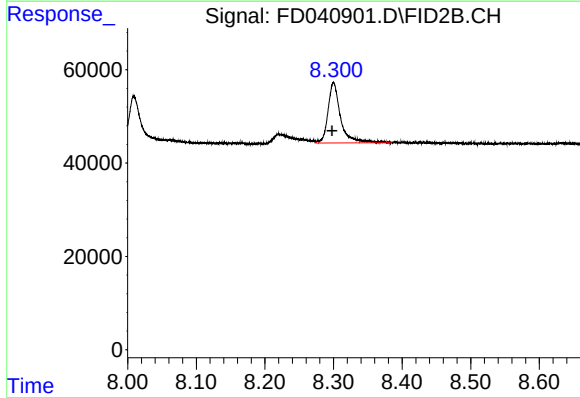
#5 Acenaphthylene (C15.06)

R.T.: 8.009 min
Delta R.T.: 0.004 min
Response: 144865
Conc: 5.34 ug/ml



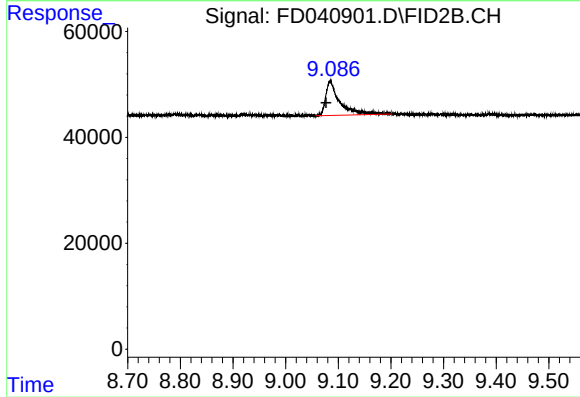
#6 2-Fluorobiphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 8.206 min
Response: 0
Conc: N.D.



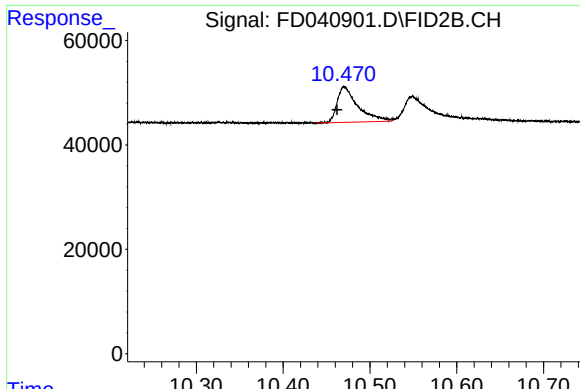
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.002 min
Response: 165845
Conc: 5.46 ug/ml



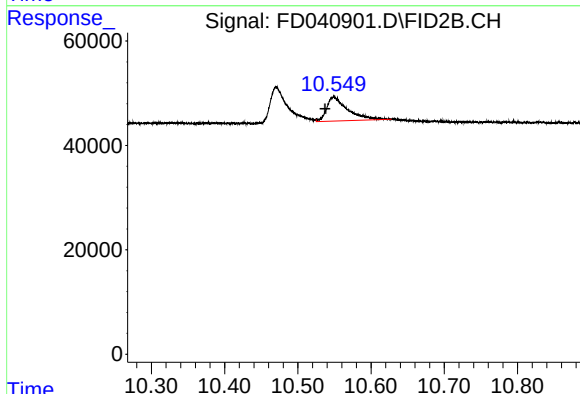
#8 Fluorene (C16.55)

R.T.: 9.085 min
Delta R.T.: 0.008 min
Response: 121151
Conc: 4.71 ug/ml



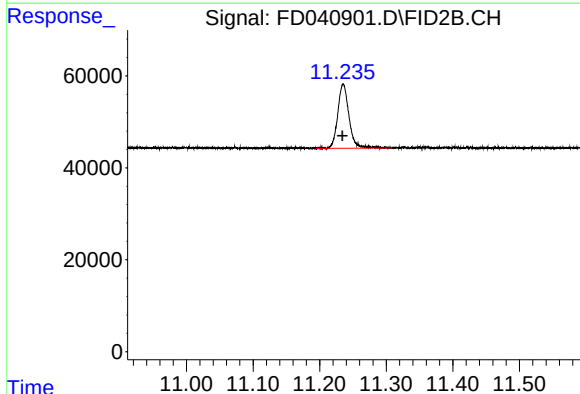
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: 0.009 min
Response: 112823
Conc: 4.37 ug/ml



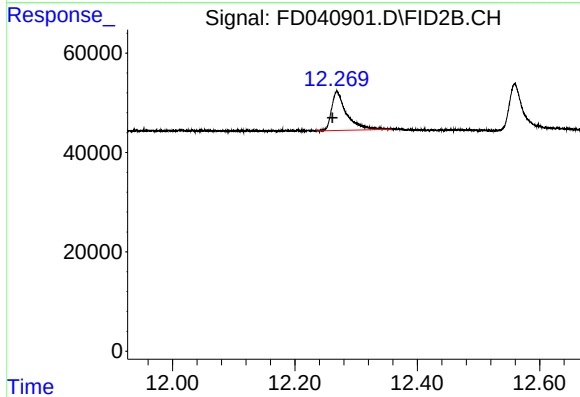
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: 0.012 min
Response: 90999
Conc: 3.49 ug/ml



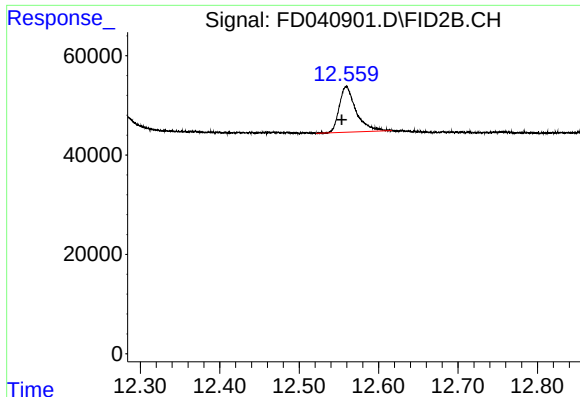
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.001 min
Response: 163426
Conc: 5.61 ug/ml



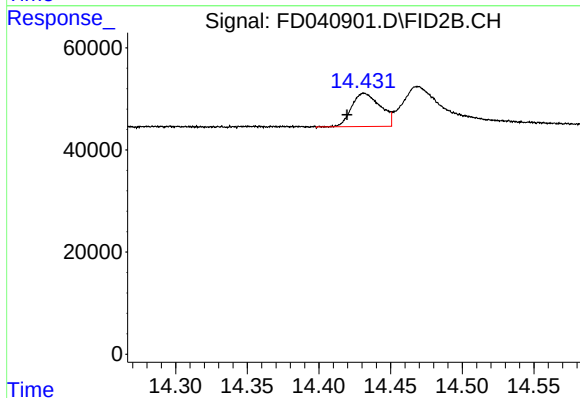
#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: 0.008 min
Response: 134399
Conc: 4.85 ug/ml



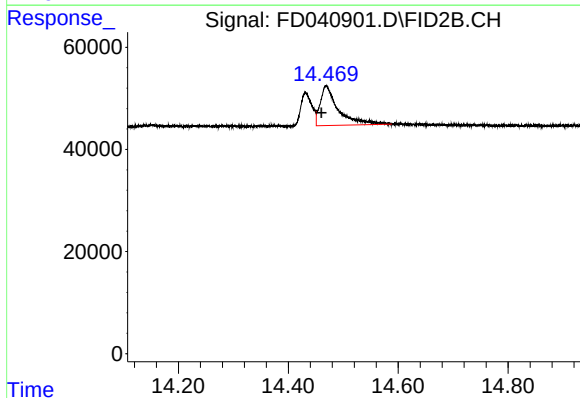
#13 Pyrene (C20.8)

R.T.: 12.560 min
Delta R.T.: 0.006 min
Response: 136251
Conc: 4.87 ug/ml



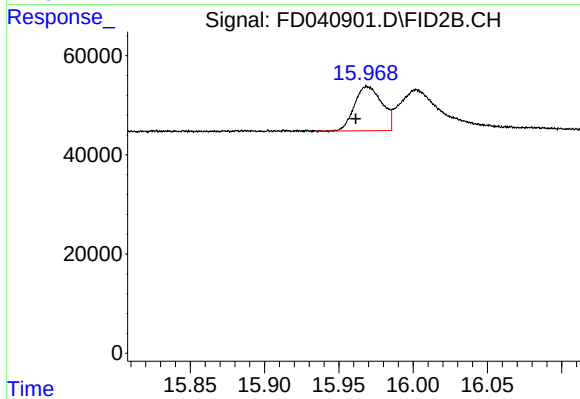
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.012 min
Response: 90999
Conc: 3.87 ug/ml



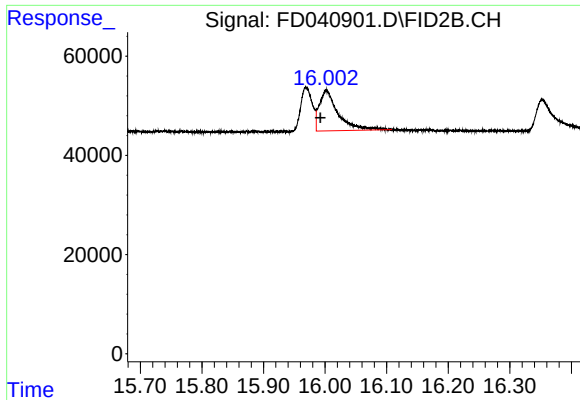
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.009 min
Response: 178150
Conc: 5.52 ug/ml



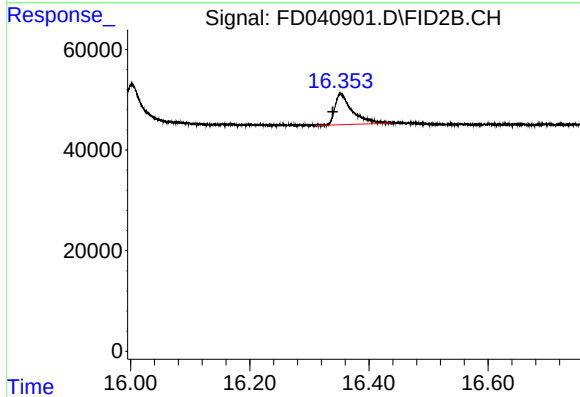
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.970 min
Delta R.T.: 0.008 min
Response: 115402
Conc: 4.39 ug/ml



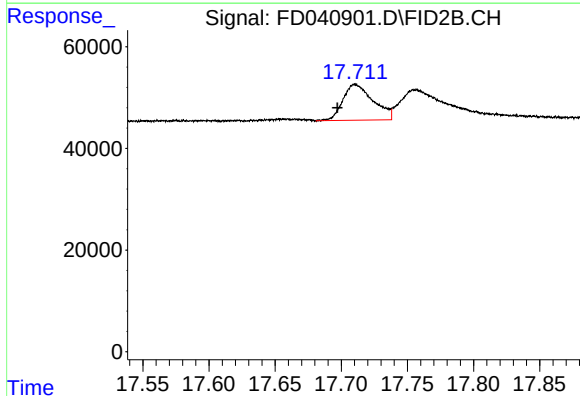
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.002 min
Delta R.T.: 0.010 min
Response: 173896
Conc: 5.58 ug/ml



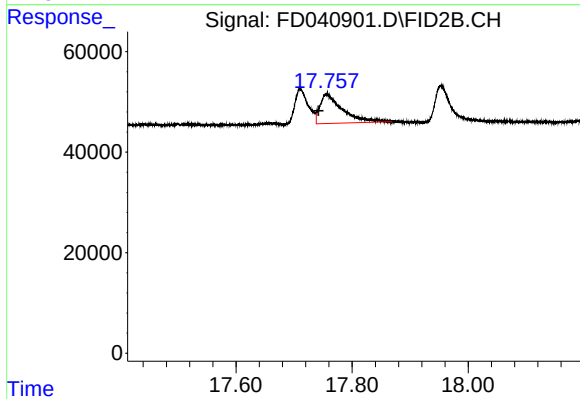
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: 0.014 min
Response: 125454
Conc: 4.73 ug/ml



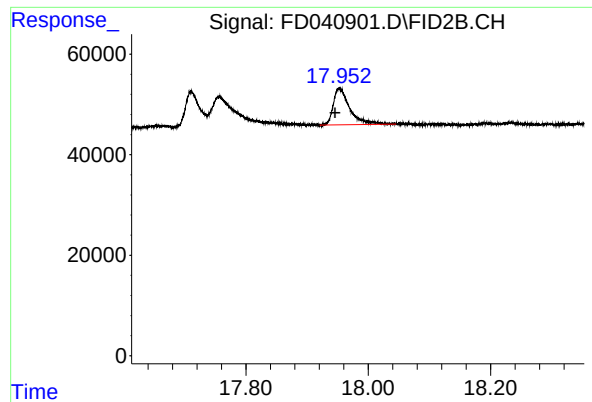
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: 0.014 min
Response: 112717
Conc: 4.61 ug/ml



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

R.T.: 17.756 min
Delta R.T.: 0.015 min
Response: 158890
Conc: 5.17 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.008 min
Response: 135827
Conc: 5.11 ug/ml