

Data Path : P:\HPCHEM1\FID D\Data\FD022218AR\
 Data File : FD020126.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2018 20:36
 Operator : UA/AJ
 Sample : J1634-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 01:23:52 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.345	5651428	67.458 ug/ml
Spiked Amount 50.000		Recovery =	134.92%
6) S 2-Fluorobiphenyl (SURR)	8.203	4006890	79.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	158.51%#
11) S ortho-Terphenyl (SURR)	11.229	4625210	48.737 ug/ml
Spiked Amount 50.000		Recovery =	97.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	13470	0.153 ug/ml
2) T Naphthalene (C11.7)	5.726	302067	3.377 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	289212	3.184 ug/ml
5) T Acenaphthylene (C15.06)	7.993	1499417	15.657 ug/ml
7) T Acenaphthene (C15.5)	8.300	1210862	11.820 ug/ml
8) T Fluorene (C16.55)	9.085	1326591	14.148 ug/ml
9) T Phenanthrene (C19.36)	10.475	1407003	15.101 ug/ml
10) T Anthracene (C19.43)	10.562	945976	9.976 ug/ml
12) T Fluoranthene (C21.85)	12.290	649244	6.473 ug/ml
13) T Pyrene (C20.8)	12.581	456848	4.497 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.475	92357	0.958 ug/ml
15) T Chrysene (C27.41)	14.515	108844	1.008 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.041	102126	1.016 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.041	102126	0.900 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.429	101485	0.966 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.824	85823	0.901 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.824	85823	0.755 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.064	30746	0.296 ug/ml

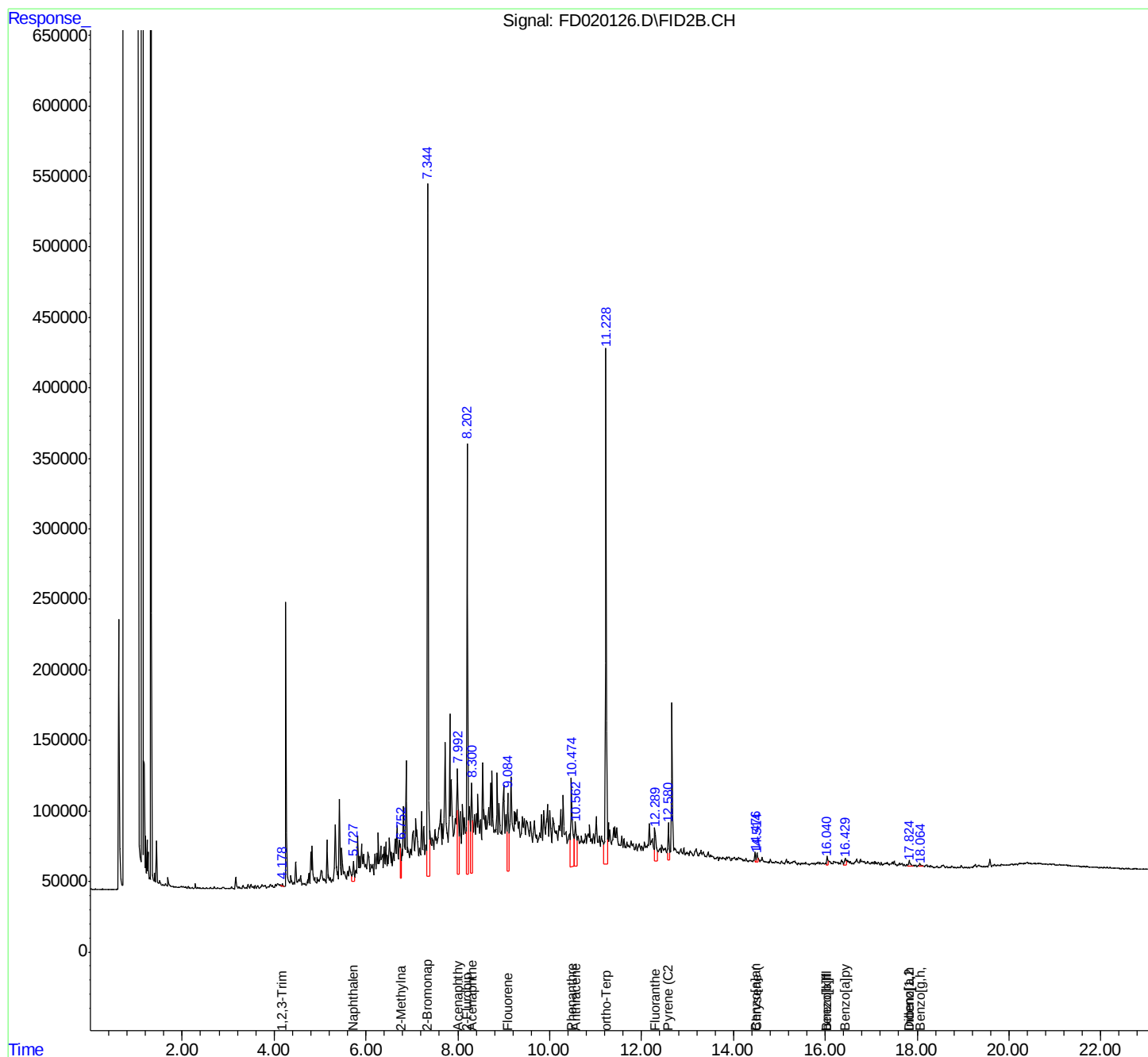
(f)=RT Delta > 1/2 Window

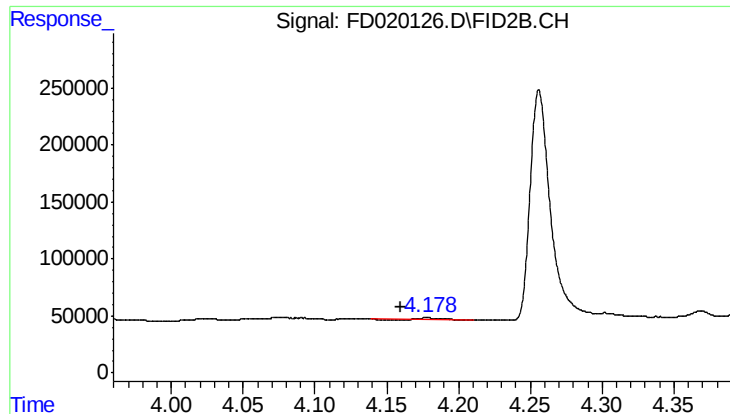
(m)=manual int.

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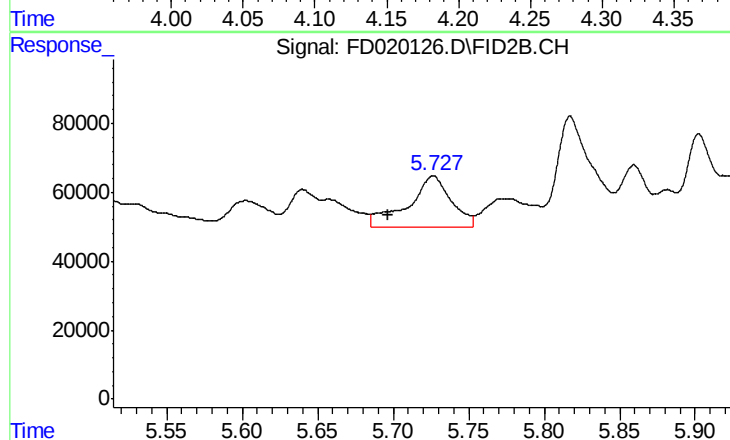
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





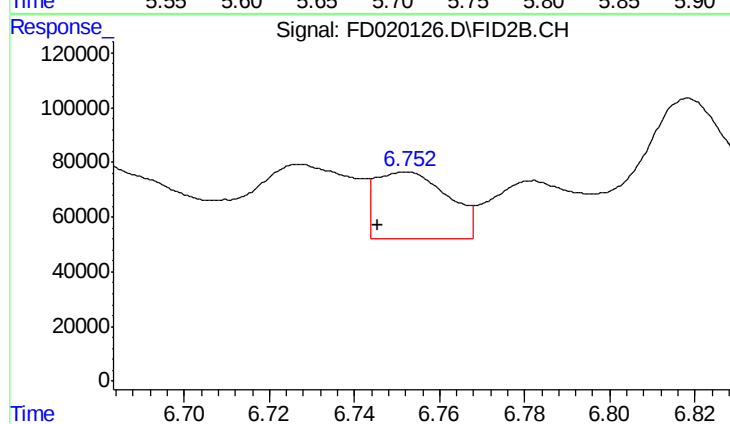
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.178 min
Delta R.T.: 0.019 min
Response: 13470
Conc: 0.15 ug/ml



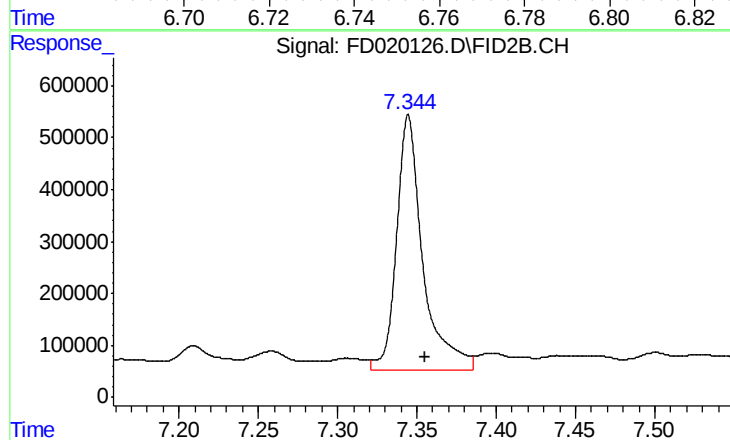
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: 0.030 min
Response: 302067
Conc: 3.38 ug/ml



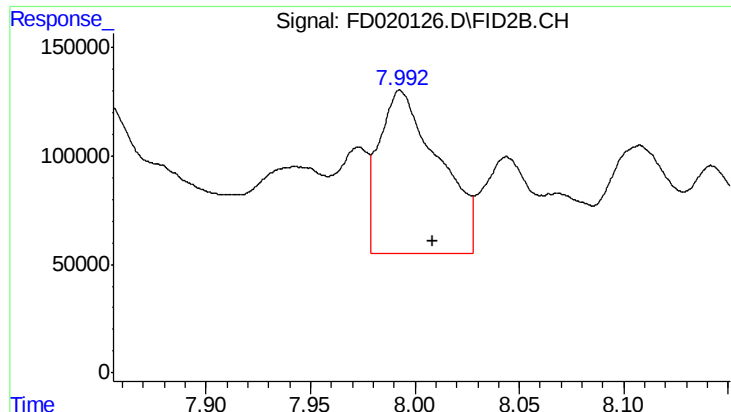
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: 0.007 min
Response: 289212
Conc: 3.18 ug/ml



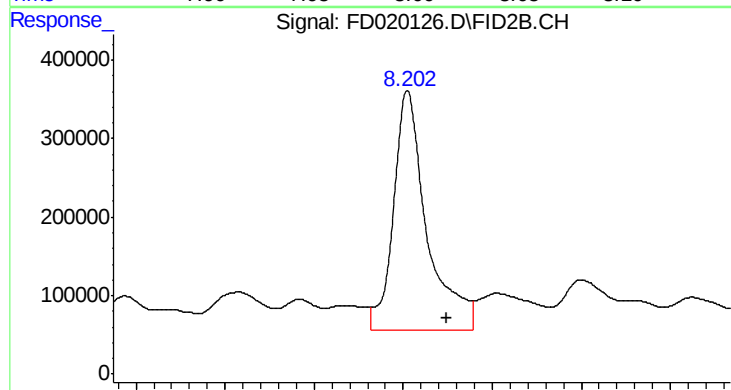
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.011 min
Response: 5651428
Conc: 67.46 ug/ml



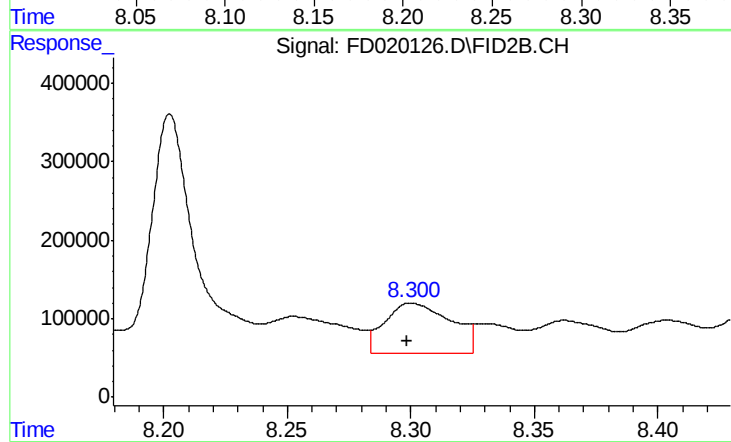
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: -0.016 min
Response: 1499417
Conc: 15.66 ug/ml



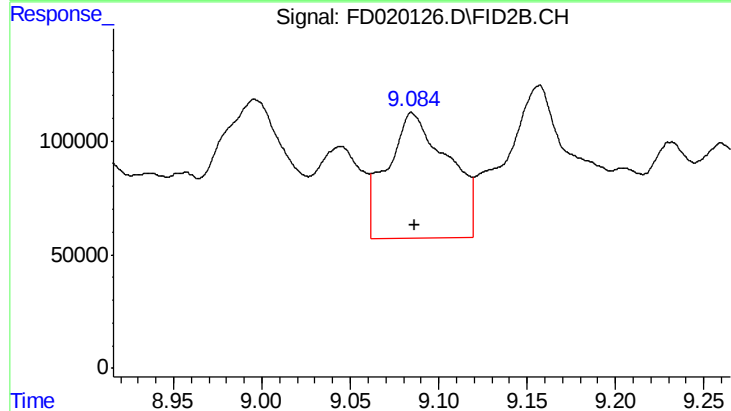
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.203 min
Delta R.T.: -0.022 min
Response: 4006890
Conc: 79.25 ug/ml



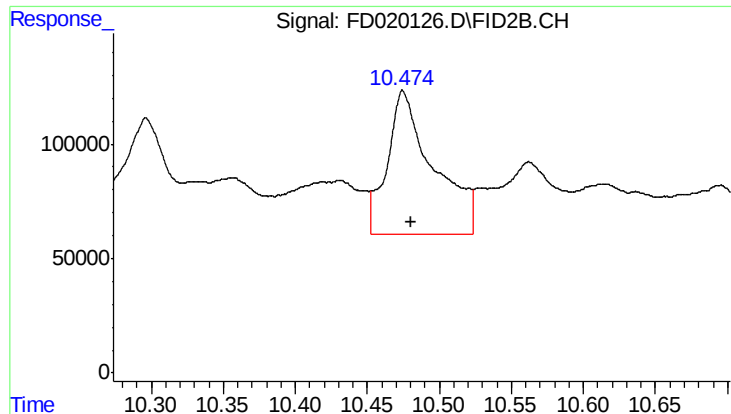
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.001 min
Response: 1210862
Conc: 11.82 ug/ml



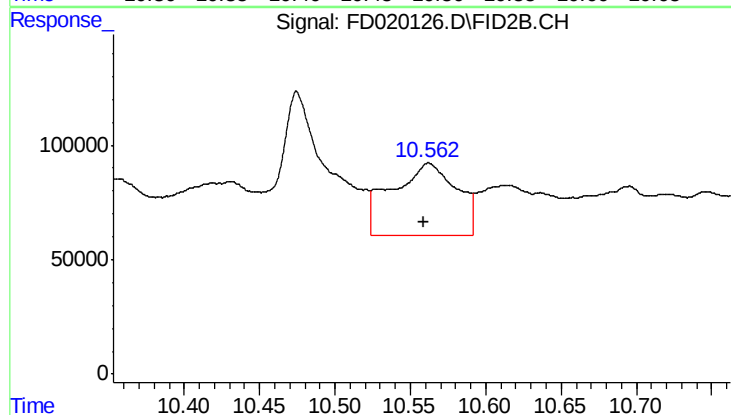
#8 Fluorene (C16.55)

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 1326591
Conc: 14.15 ug/ml



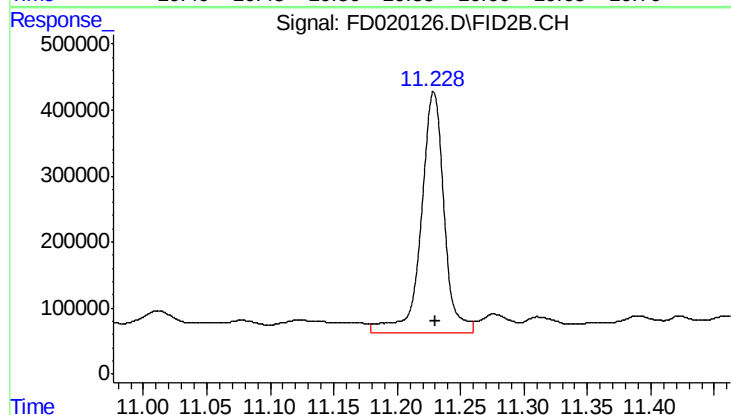
#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: -0.005 min
Response: 1407003
Conc: 15.10 ug/ml



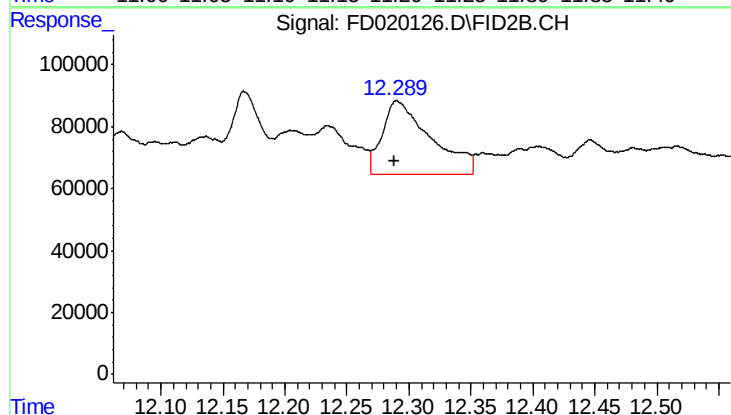
#10 Anthracene (C19.43)

R.T.: 10.562 min
Delta R.T.: 0.003 min
Response: 945976
Conc: 9.98 ug/ml



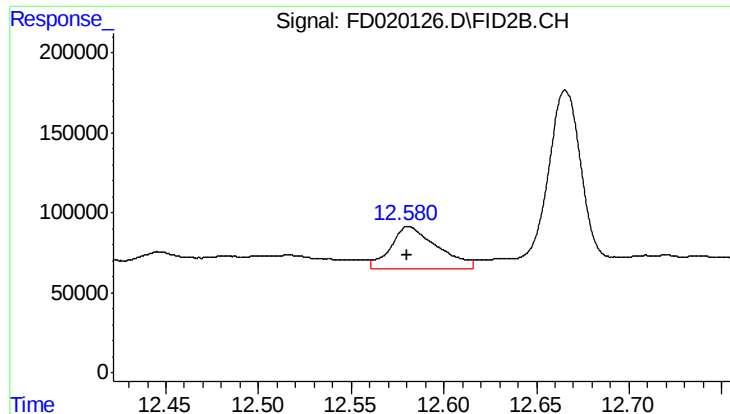
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.002 min
Response: 4625210
Conc: 48.74 ug/ml



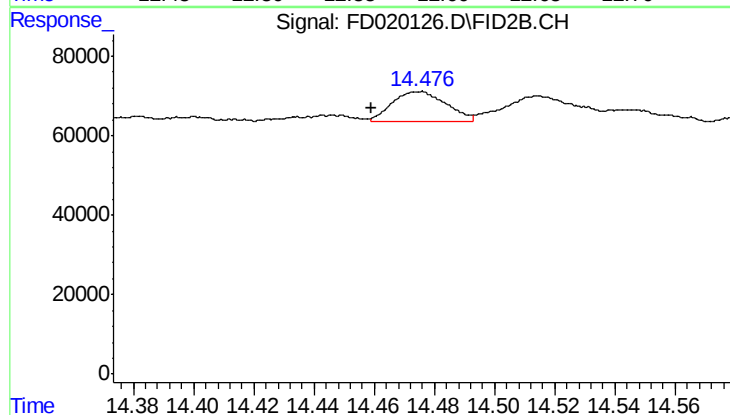
#12 Fluoranthene (C21.85)

R.T.: 12.290 min
Delta R.T.: 0.002 min
Response: 649244
Conc: 6.47 ug/ml



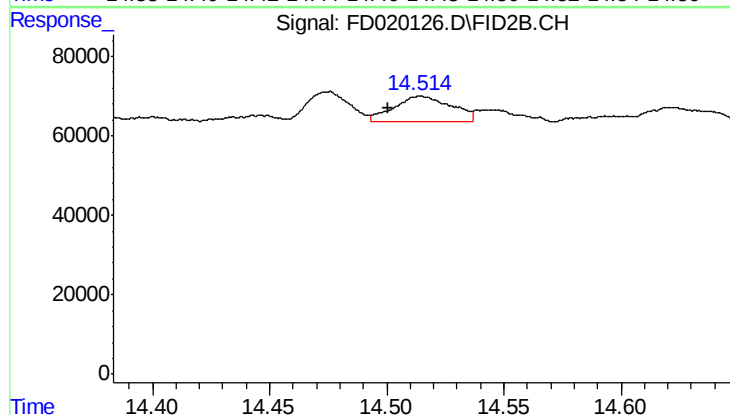
#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 456848
Conc: 4.50 ug/ml



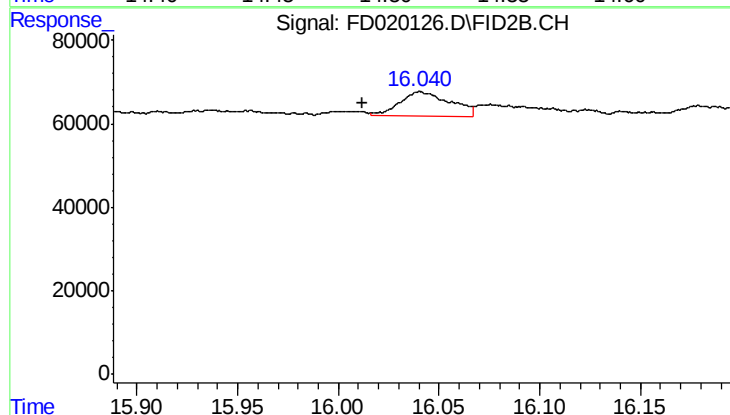
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min
Delta R.T.: 0.016 min
Response: 92357
Conc: 0.96 ug/ml



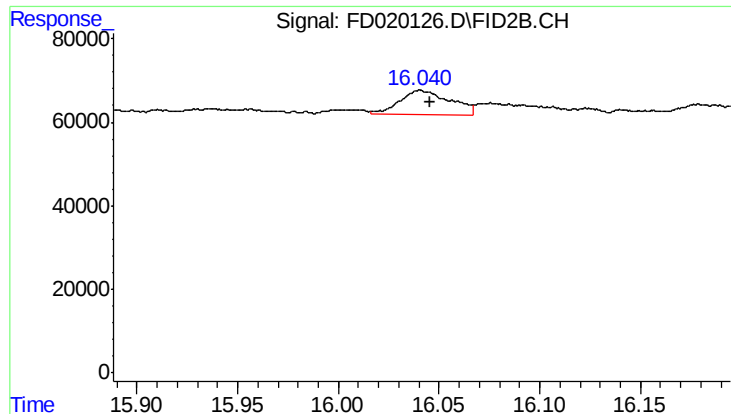
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: 0.014 min
Response: 108844
Conc: 1.01 ug/ml



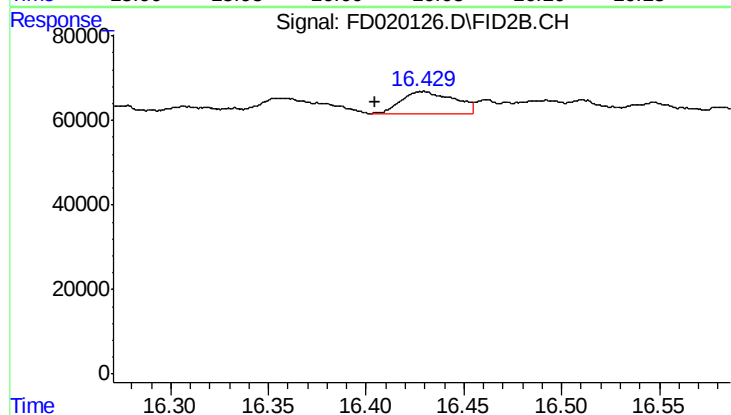
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.041 min
Delta R.T.: 0.028 min
Response: 102126
Conc: 1.02 ug/ml



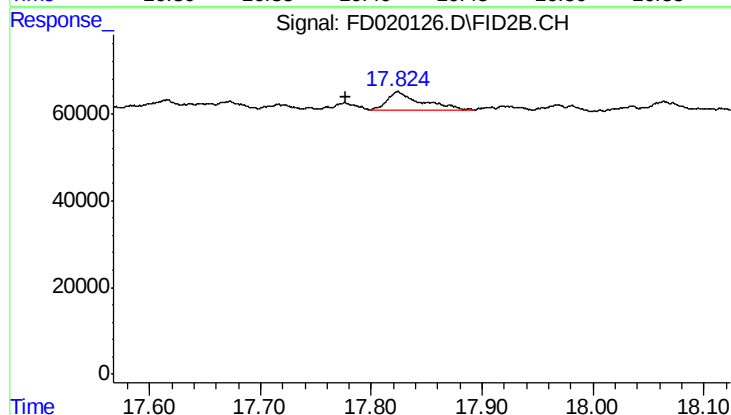
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: -0.005 min
Response: 102126
Conc: 0.90 ug/ml



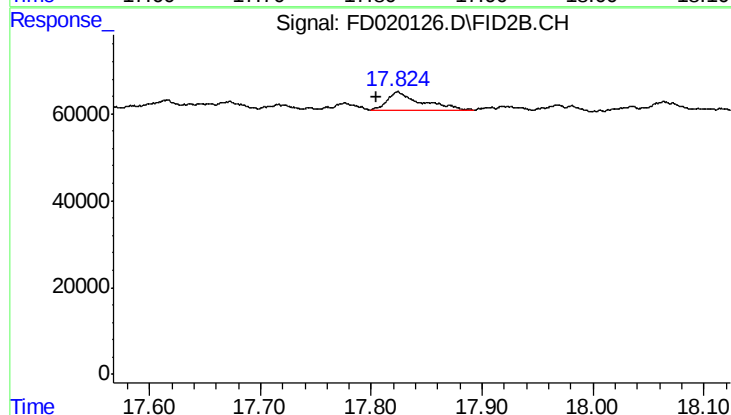
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: 0.025 min
Response: 101485
Conc: 0.97 ug/ml



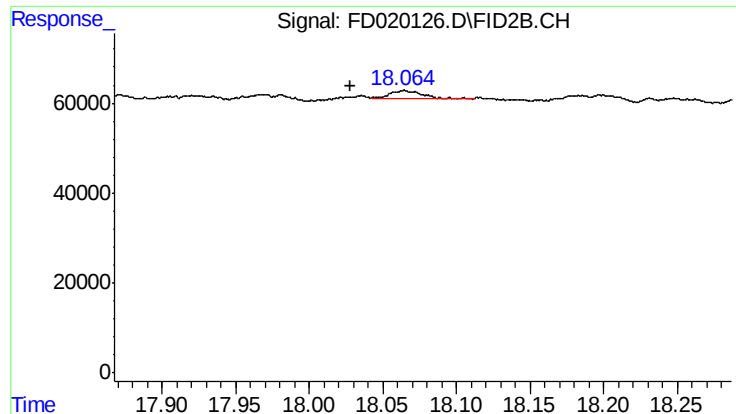
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.047 min
Response: 85823
Conc: 0.90 ug/ml



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

R.T.: 17.824 min
Delta R.T.: 0.020 min
Response: 85823
Conc: 0.76 ug/ml



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

R.T.: 18.064 min
Delta R.T.: 0.037 min
Response: 30746
Conc: 0.30 ug/ml