

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AR\
 Data File : FD036733.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 12:32
 Operator : DD\AJ
 Sample : M1458-09
 Misc : MDL-WATER- 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 02:21:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 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...	7.590	6261520	44.521 ug/ml
Spiked Amount 50.000		Recovery =	89.04%
6) S 2-Fluorobiphenyl (SURR)	8.450	4140055	44.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.21%
11) S ortho-Terphenyl (SURR)	11.492	6400469	41.907 ug/ml
Spiked Amount 50.000		Recovery =	83.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	325617	2.221 ug/ml
2) T Naphthalene (C11.7)	5.925	341699	2.174 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	329321	2.095 ug/ml
5) T Acenaphthylene (C15.06)	8.250	303298	2.024 ug/ml
7) T Acenaphthene (C15.5)	8.545	313629	2.020 ug/ml
8) T Fluorene (C16.55)	9.324	283602	1.884 ug/ml
9) T Phenanthrene (C19.36)	10.717	249590	1.703 ug/ml
10) T Anthracene (C19.43)	10.791	238330	1.646 ug/ml
12) T Fluoranthene (C21.85)	12.525	246672	1.757 ug/ml
13) T Pyrene (C20.8)	12.821	242220	1.765 ug/ml
14) T Benzo[a]anthracene (C...	14.688	199640	1.681 ug/ml
15) T Chrysene (C27.41)	14.729	212043	1.753 ug/ml
16) T benzo[b]fluoranthene ...	16.233	216224	1.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.264	215805	2.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	202473	2.032 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.971	202252	2.012 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	213037	2.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.222	223439	2.205 ug/ml

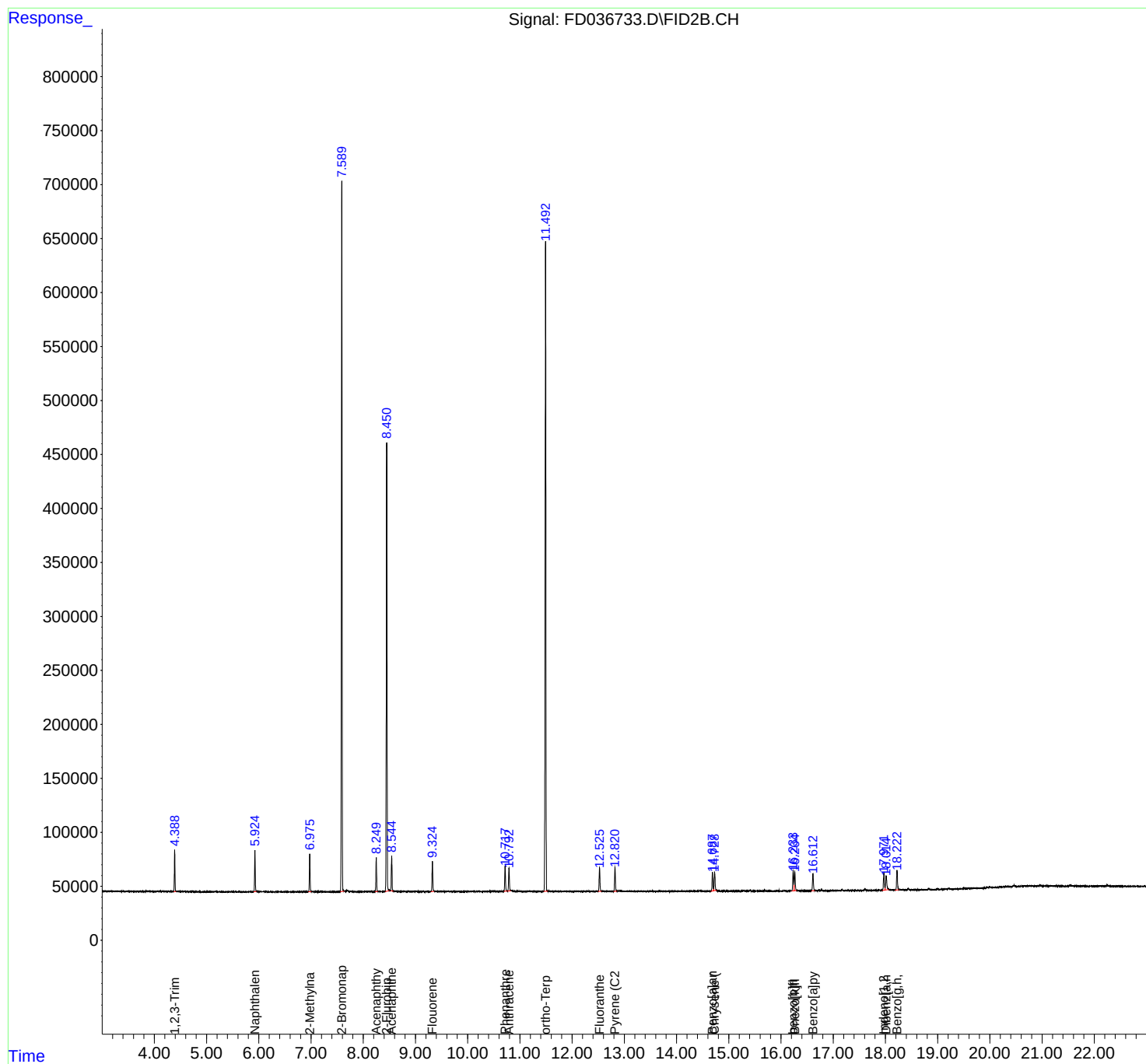
(f)=RT Delta > 1/2 Window

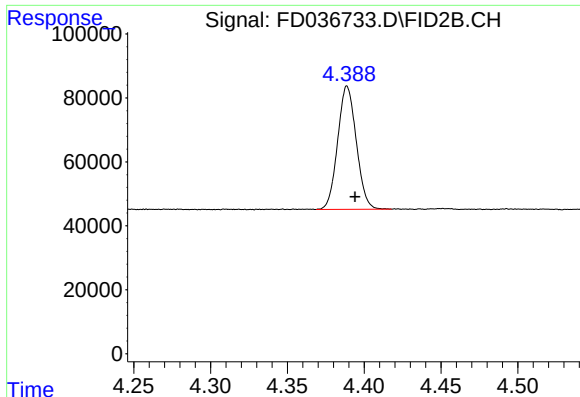
(m)=manual int.

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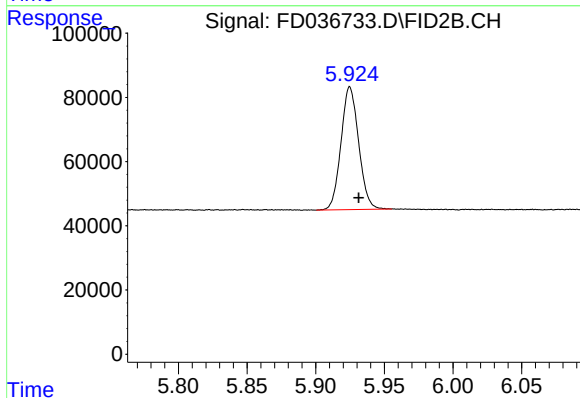
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





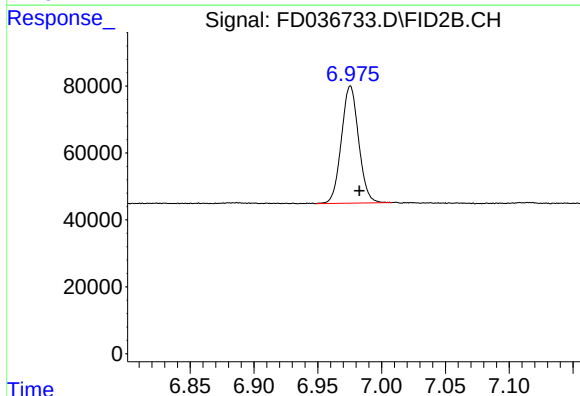
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.005 min
Response: 325617
Conc: 2.22 ug/ml



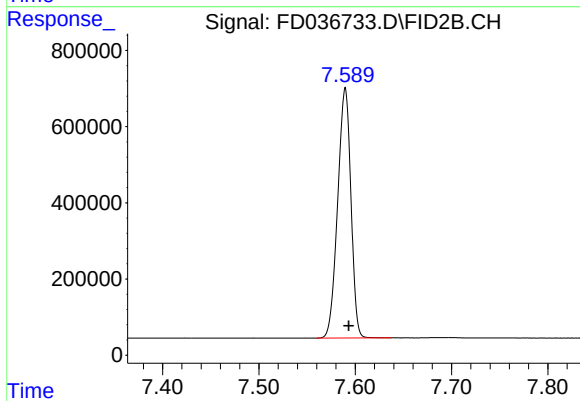
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 341699
Conc: 2.17 ug/ml



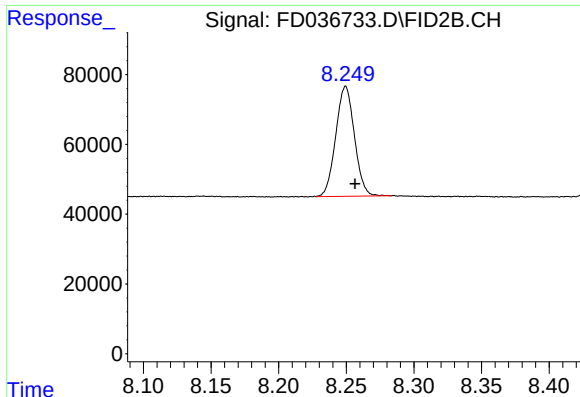
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.007 min
Response: 329321
Conc: 2.10 ug/ml



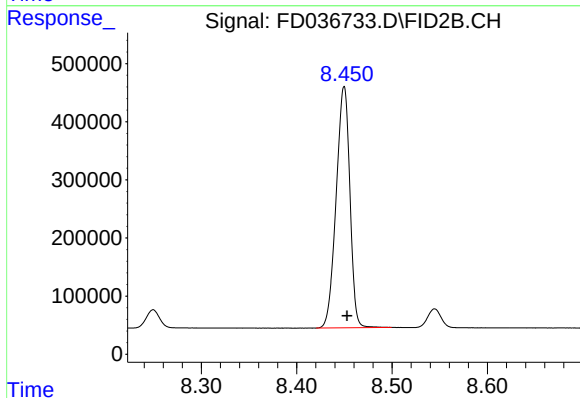
#4 2-Bromonaphthalene (SURR)

R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 6261520
Conc: 44.52 ug/ml



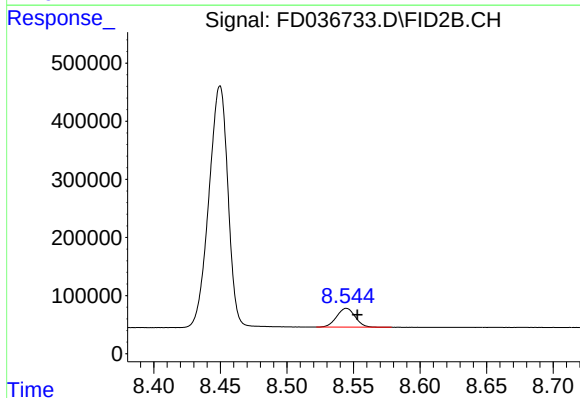
#5 Acenaphthylene (C15.06)

R.T.: 8.250 min
Delta R.T.: -0.007 min
Response: 303298
Conc: 2.02 ug/ml



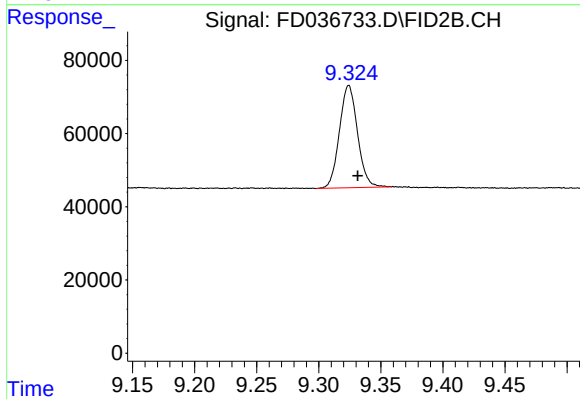
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 4140055
Conc: 44.10 ug/ml



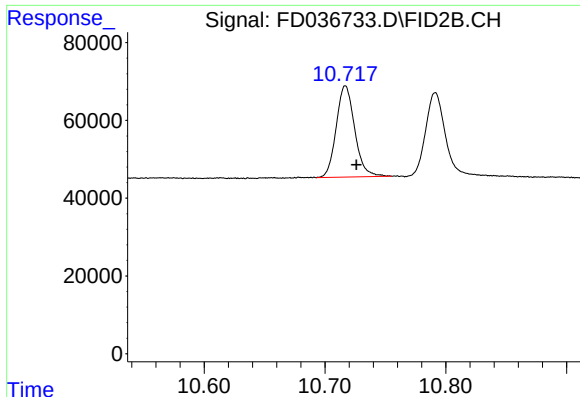
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.008 min
Response: 313629
Conc: 2.02 ug/ml



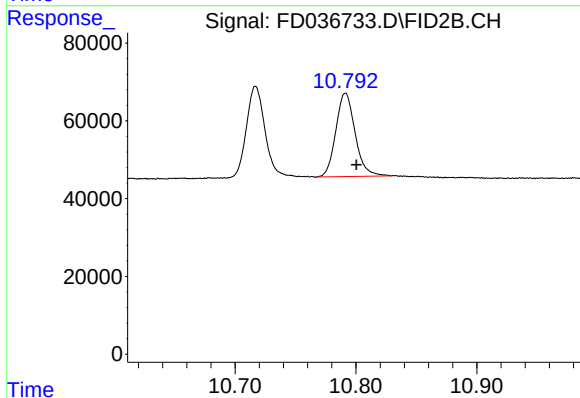
#8 Flouorene (C16.55)

R.T.: 9.324 min
Delta R.T.: -0.007 min
Response: 283602
Conc: 1.88 ug/ml



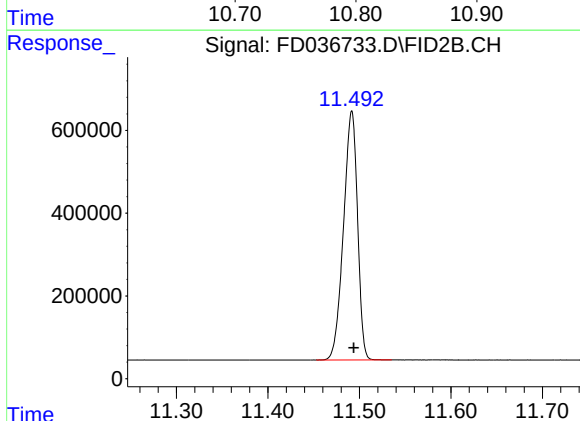
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 249590
Conc: 1.70 ug/ml



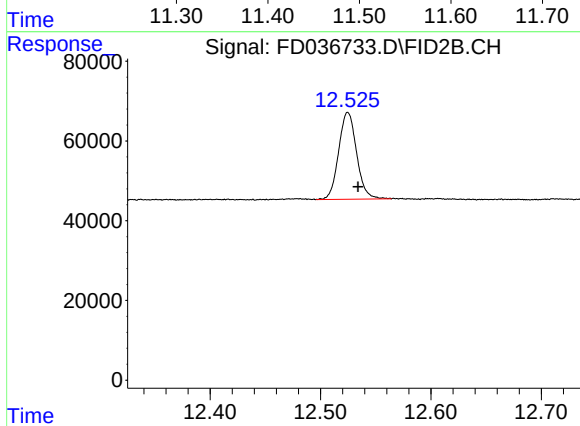
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.009 min
Response: 238330
Conc: 1.65 ug/ml



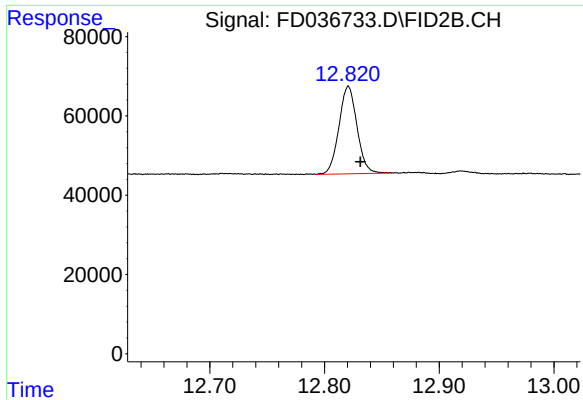
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 6400469
Conc: 41.91 ug/ml



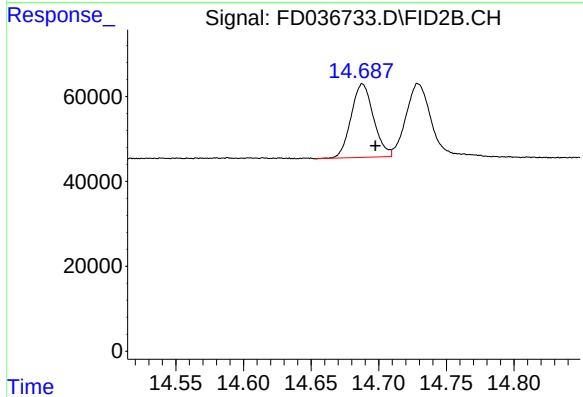
#12 Fluoranthene (C21.85)

R.T.: 12.525 min
Delta R.T.: -0.009 min
Response: 246672
Conc: 1.76 ug/ml



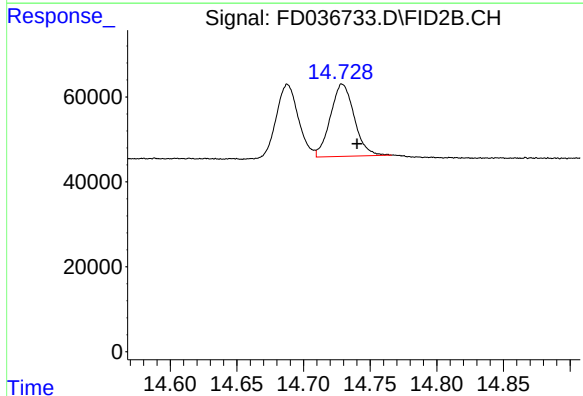
#13 Pyrene (C20.8)

R.T.: 12.821 min
Delta R.T.: -0.010 min
Response: 242220
Conc: 1.77 ug/ml



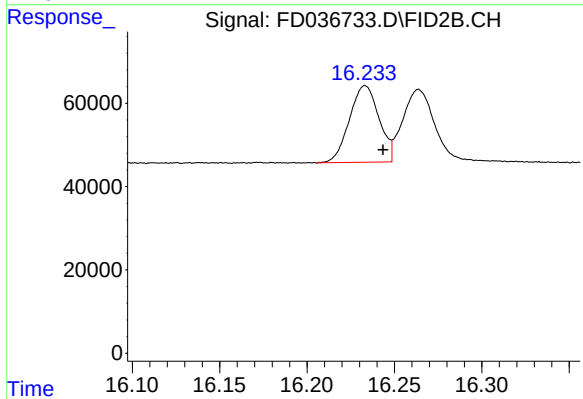
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: -0.010 min
Response: 199640
Conc: 1.68 ug/ml



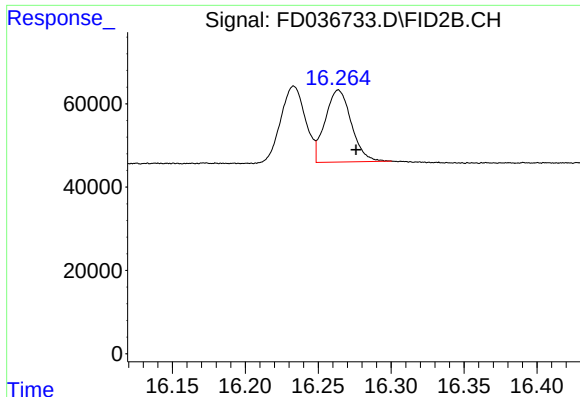
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: -0.011 min
Response: 212043
Conc: 1.75 ug/ml



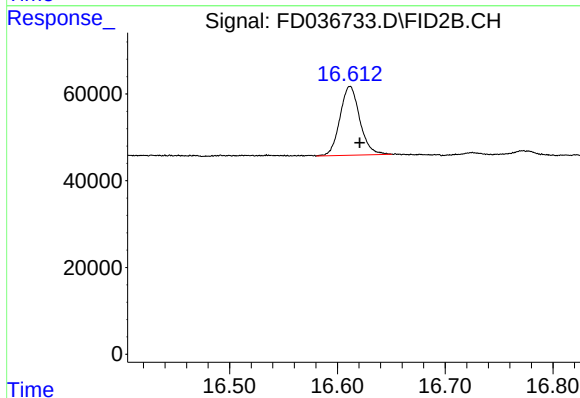
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.233 min
Delta R.T.: -0.010 min
Response: 216224
Conc: 1.97 ug/ml



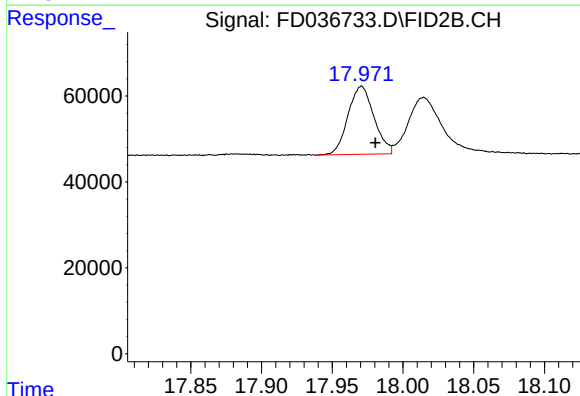
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.264 min
Delta R.T.: -0.012 min
Response: 215805
Conc: 2.03 ug/ml



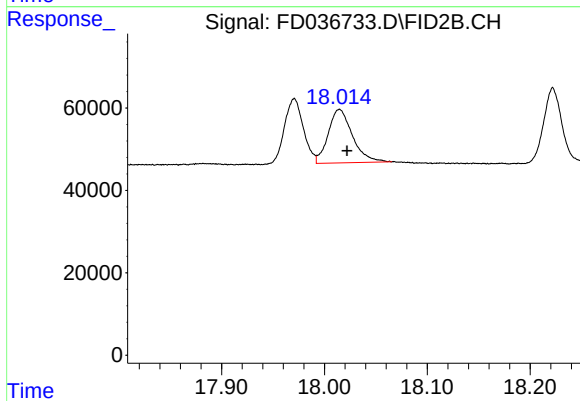
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: -0.009 min
Response: 202473
Conc: 2.03 ug/ml



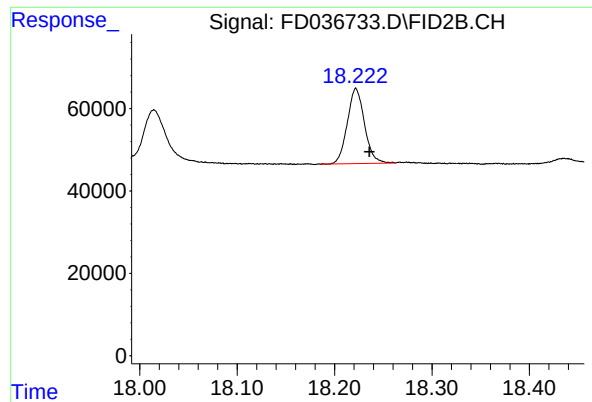
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.971 min
Delta R.T.: -0.010 min
Response: 202252
Conc: 2.01 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.007 min
Response: 213037
Conc: 2.11 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.014 min
Response: 223439
Conc: 2.21 ug/ml