

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022577.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 00:50
 Operator : UA/AJ
 Sample : J1938-05
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 07:29:16 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...	7.322	3821388	45.614 ug/ml
Spiked Amount 50.000		Recovery =	91.23%
6) S 2-Fluorobiphenyl (SURR)	8.179	2552687	50.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.98%
11) S ortho-Terphenyl (SURR)	11.253	138128	1.455 ug/ml
Spiked Amount 50.000		Recovery =	2.91%
Target Compounds			
2) T Naphthalene (C11.7)	5.680	125058	1.398 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	49152	0.541 ug/ml
5) T Acenaphthylene (C15.06)	7.994	74026	0.773 ug/ml
7) T Acenaphthene (C15.5)	8.276	230919	2.254 ug/ml
8) T Fluorene (C16.55)	9.063	248245	2.648 ug/ml
9) T Phenanthrene (C19.36)	10.446	1524697	16.364 ug/ml
10) T Anthracene (C19.43)	10.528	725400	7.650 ug/ml
12) T Fluoranthene (C21.85)	12.256	1560176	15.554 ug/ml
13) T Pyrene (C20.8)	12.550	1291307	12.710 ug/ml
14) T Benzo[a]anthracene (C...	14.472	848989	8.804 ug/ml
15) T Chrysene (C27.41)	14.472	848989	7.866 ug/ml
16) T benzo[b]fluoranthene ...	16.024	406937	4.048 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	406937	3.586 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	727207	6.920 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	433807	4.553 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	138339	1.217 ug/ml
21) T Benzo[a,h,i]perylene ...	18.016	259011	2.494 ug/ml

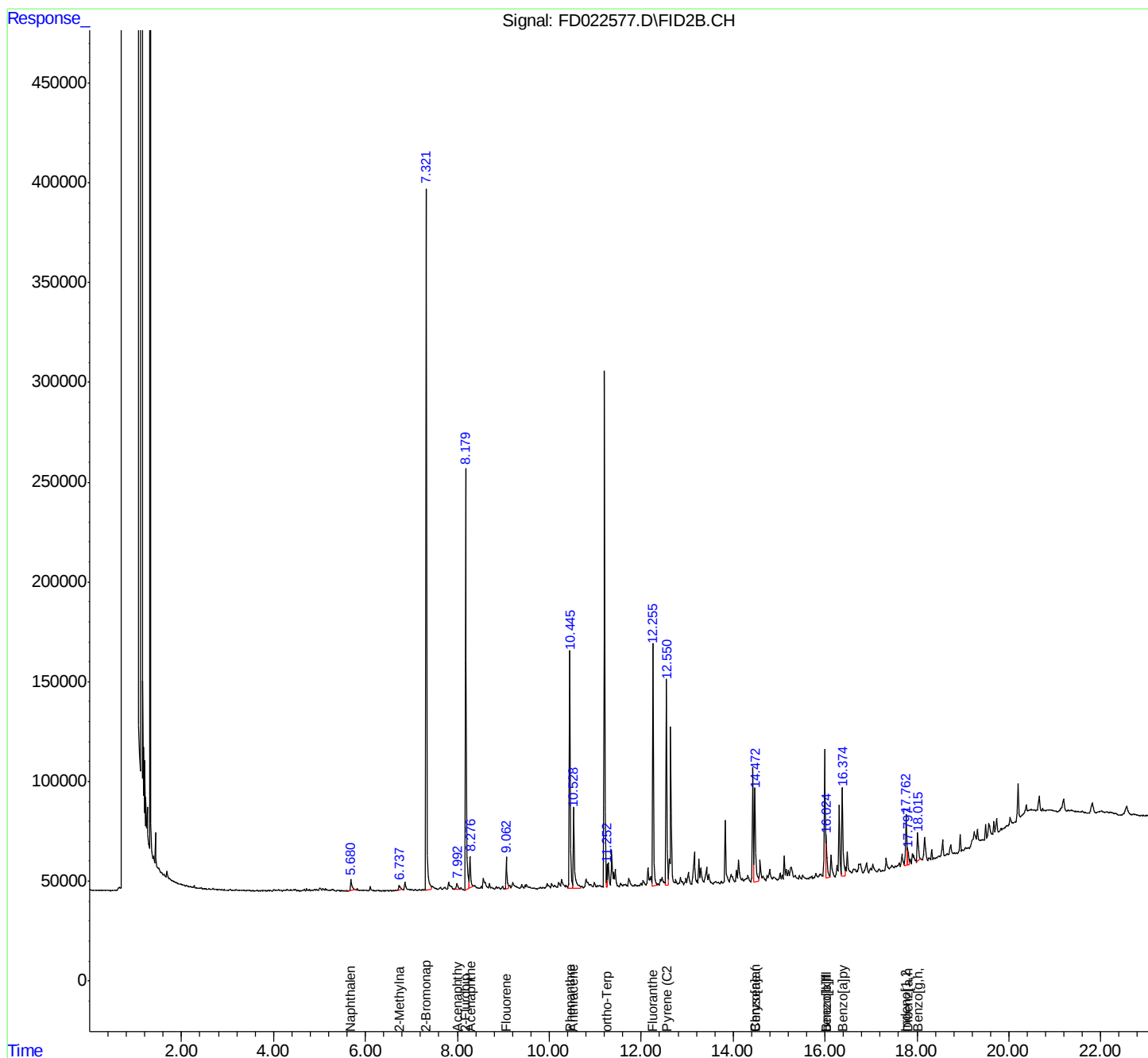
(f)=RT Delta > 1/2 Window

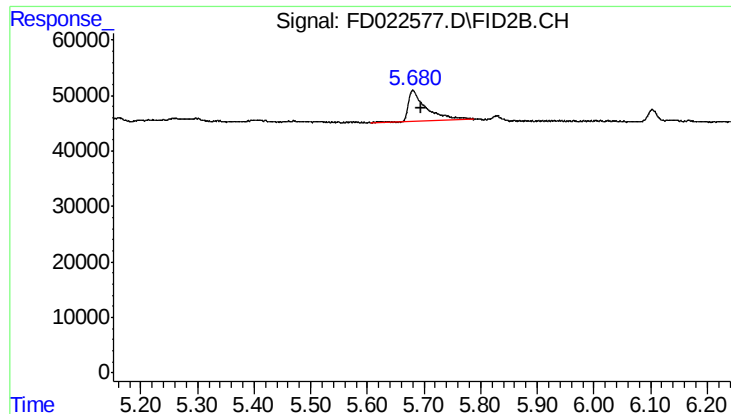
(m)=manual int.

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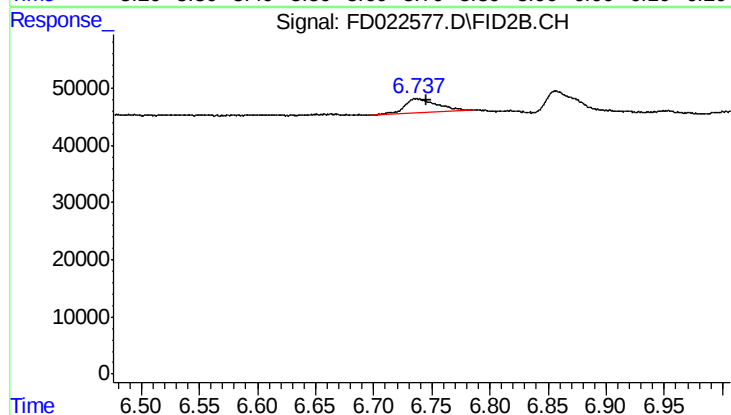
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





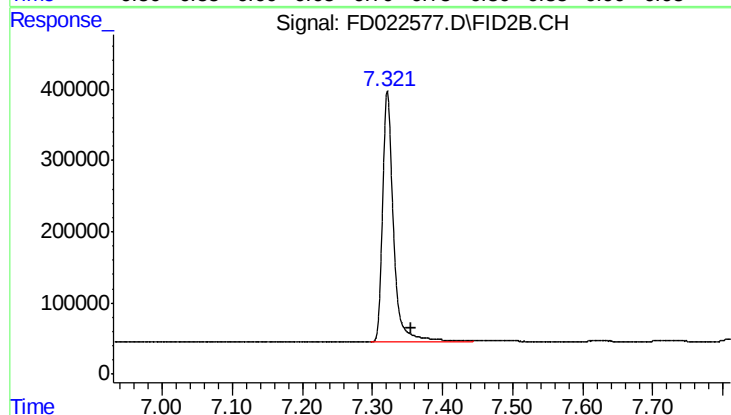
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.016 min
Response: 125058
Conc: 1.40 ug/ml



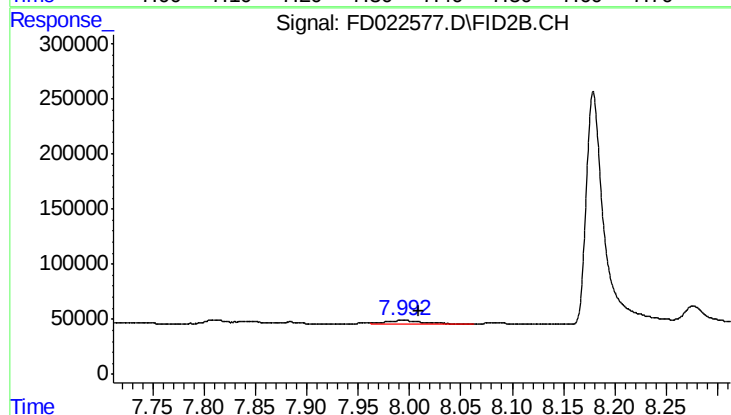
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.008 min
Response: 49152
Conc: 0.54 ug/ml



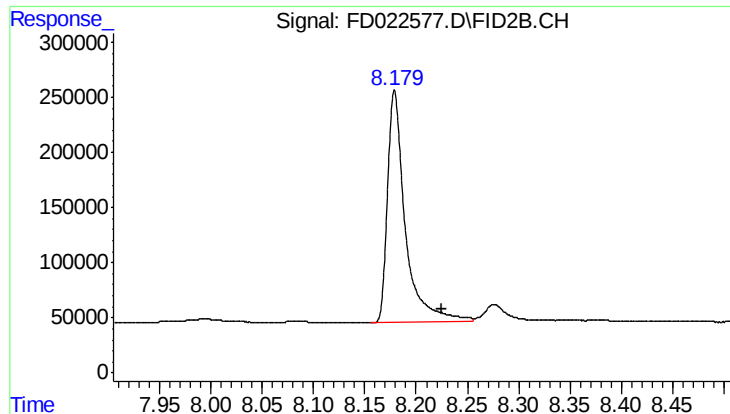
#4 2-Bromonaphthalene (SURR)

R.T.: 7.322 min
Delta R.T.: -0.034 min
Response: 3821388
Conc: 45.61 ug/ml



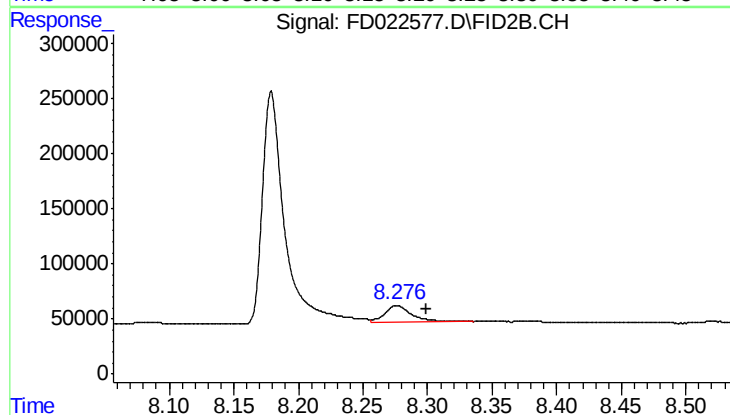
#5 Acenaphthylene (C15.06)

R.T.: 7.994 min
Delta R.T.: -0.015 min
Response: 74026
Conc: 0.77 ug/ml



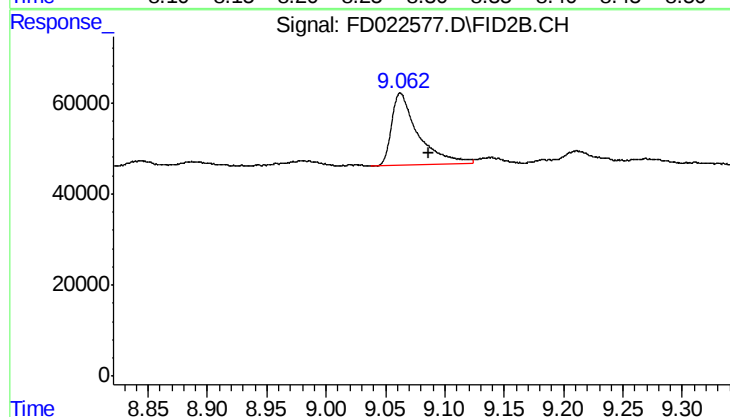
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.045 min
Response: 2552687
Conc: 50.49 ug/ml



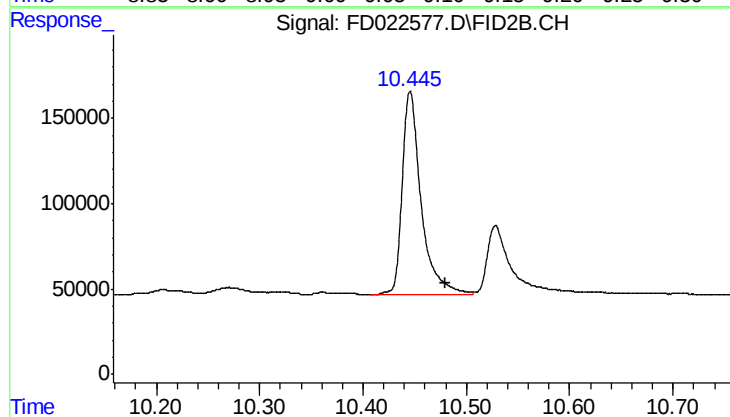
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.022 min
Response: 230919
Conc: 2.25 ug/ml



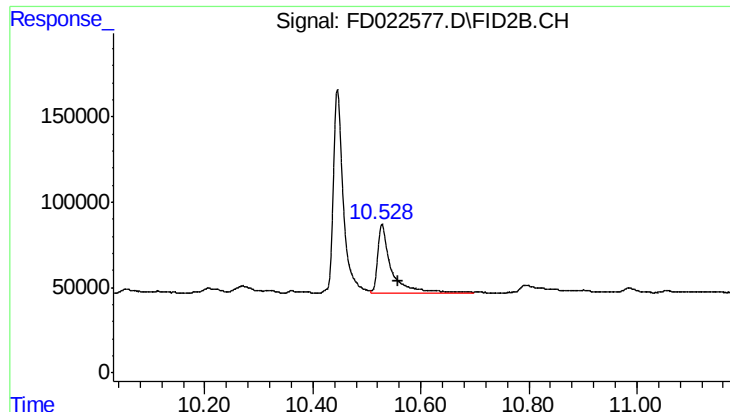
#8 Flouorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.024 min
Response: 248245
Conc: 2.65 ug/ml



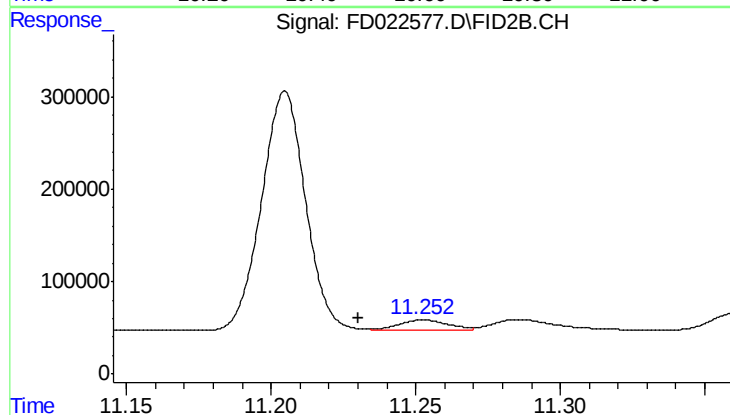
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.034 min
Response: 1524697
Conc: 16.36 ug/ml



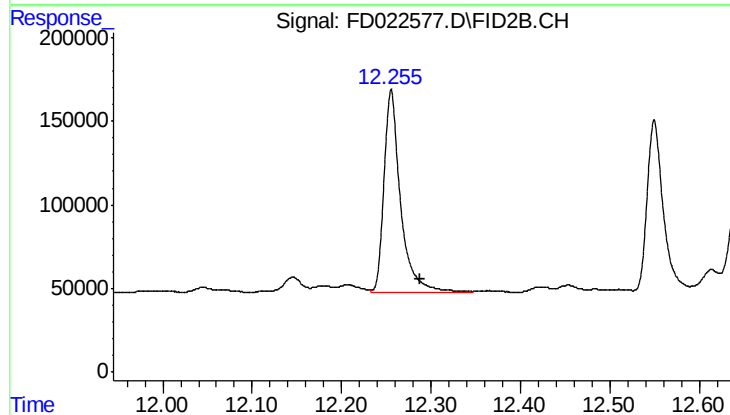
#10 Anthracene (C19.43)

R.T.: 10.528 min
Delta R.T.: -0.031 min
Response: 725400
Conc: 7.65 ug/ml



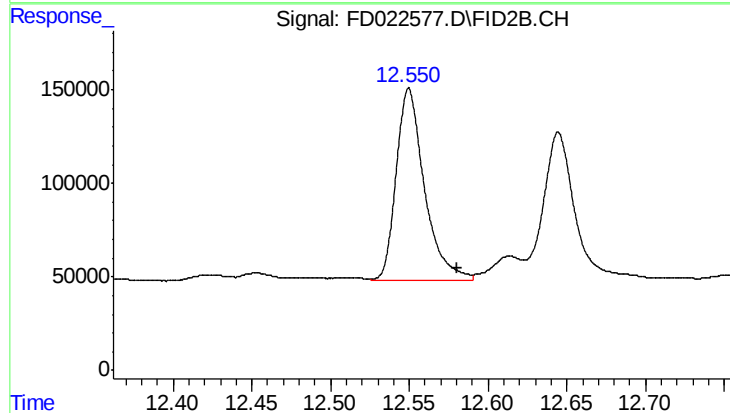
#11 ortho-Terphenyl (SURRE)

R.T.: 11.253 min
Delta R.T.: 0.022 min
Response: 138128
Conc: 1.46 ug/ml



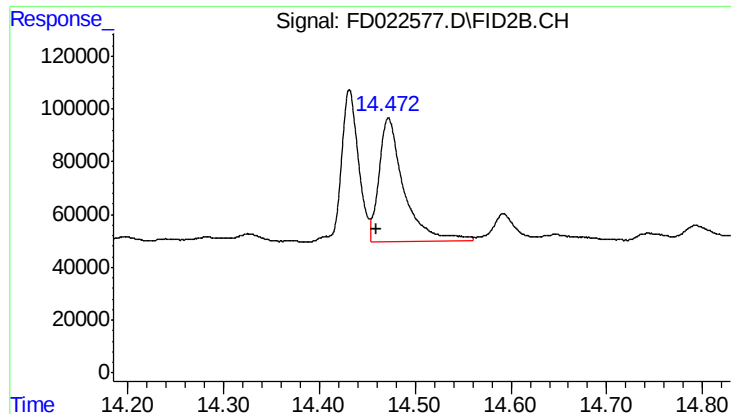
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.032 min
Response: 1560176
Conc: 15.55 ug/ml



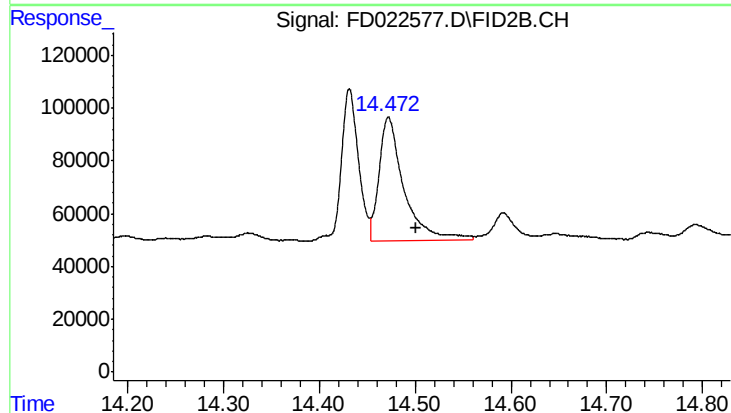
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: -0.030 min
Response: 1291307
Conc: 12.71 ug/ml



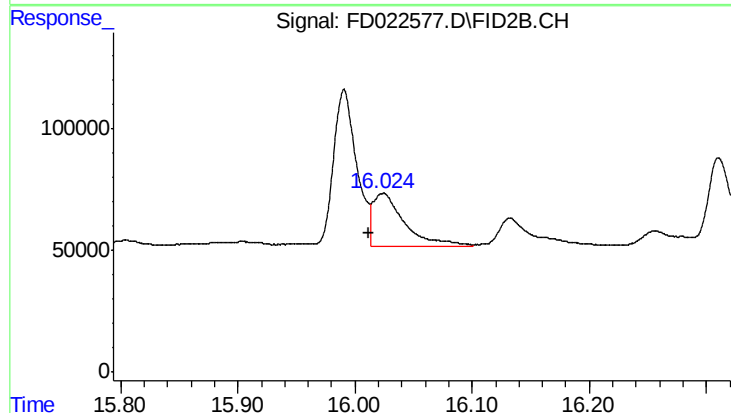
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.013 min
Response: 848989
Conc: 8.80 ug/ml



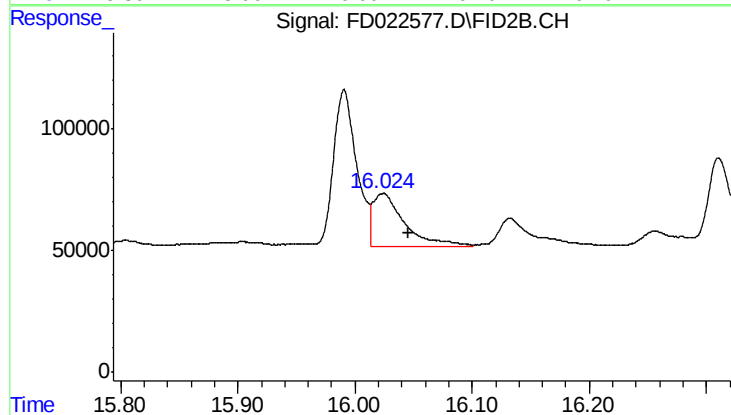
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.028 min
Response: 848989
Conc: 7.87 ug/ml



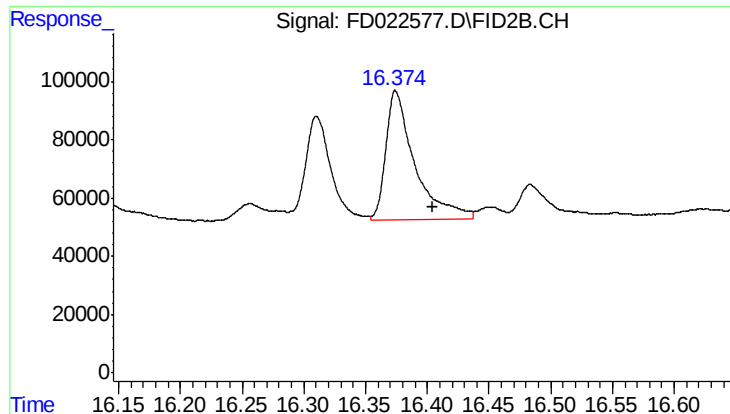
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.024 min
Delta R.T.: 0.012 min
Response: 406937
Conc: 4.05 ug/ml



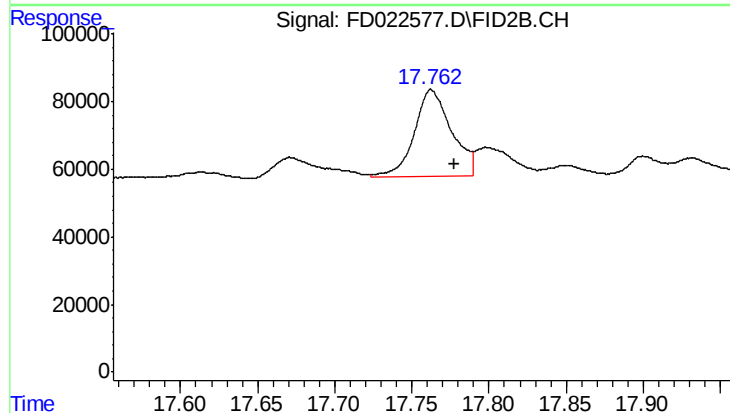
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.022 min
Response: 406937
Conc: 3.59 ug/ml



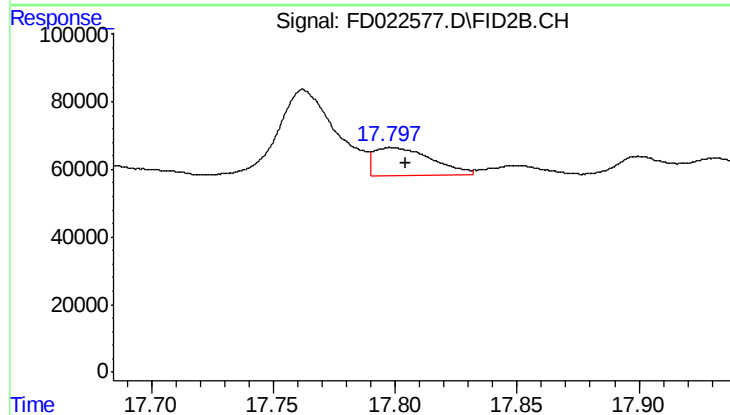
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.030 min
Response: 727207
Conc: 6.92 ug/ml



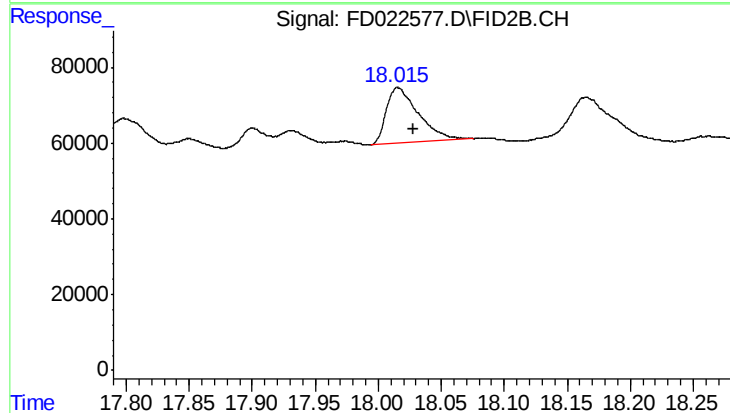
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.015 min
Response: 433807
Conc: 4.55 ug/ml



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

R.T.: 17.798 min
Delta R.T.: -0.006 min
Response: 138339
Conc: 1.22 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.012 min
Response: 259011
Conc: 2.49 ug/ml