Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\FID D\Data\FD041918AR\
Data File : FD023112.D
Signal(s) : FID2B.CH
Acq On : 19 Apr 2018 8:42
Operator : UA/AJ
Sample : J2407-01
Misc :
ALS Vial : 82 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 19 09:50:14 2018
Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
Quant Title : GC Extractables
QLast Update : Tue Apr 17 11:02:32 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...	7.290	5858362	43.198 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
6) S 2-Flurobiphenyl (SURR)	8.150	3557133	49.913 ug/ml
Spiked Amount 50.000 Range	0 - 131	Recovery =	99.83%
11) S ortho-Terphenyl (SURR)	11.171	3006552	21.505 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
Target Compounds			
2) T Naphthalene (C11.7)	5.683	113137	0.827 ug/ml
3) T 2-Methylnaphthalene (...	6.761f	64439	0.472 ug/ml
5) T Acenaphthylene (C15.06)	7.985	192159	1.315 ug/ml
7) T Acenaphthene (C15.5)	8.257	358377	2.121 ug/ml
8) T Flouorene (C16.55)	9.063	137029	0.957 ug/ml
9) T Phenanthrene (C19.36)	10.423	1381156	10.406 ug/ml
10) T Anthracene (C19.43)	10.529	397465	2.841 ug/ml
12) T Fluoranthene (C21.85)	12.227	2618046	19.060 ug/ml
13) T Pyrene (C20.8)	12.520	2325111	16.472 ug/ml
14) T Benzo[a]anthracene (C...	14.419	5565483	44.799 ug/ml
15) T Chrysene (C27.41)	14.447	1605777	10.372 ug/ml
16) T benzo[b]fluoranthene ...	15.963	1912022	14.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	815445	4.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	799043	5.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	1328254	10.236 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	1328254	7.985 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	860427	5.805 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Volume Inj. : 1 µl
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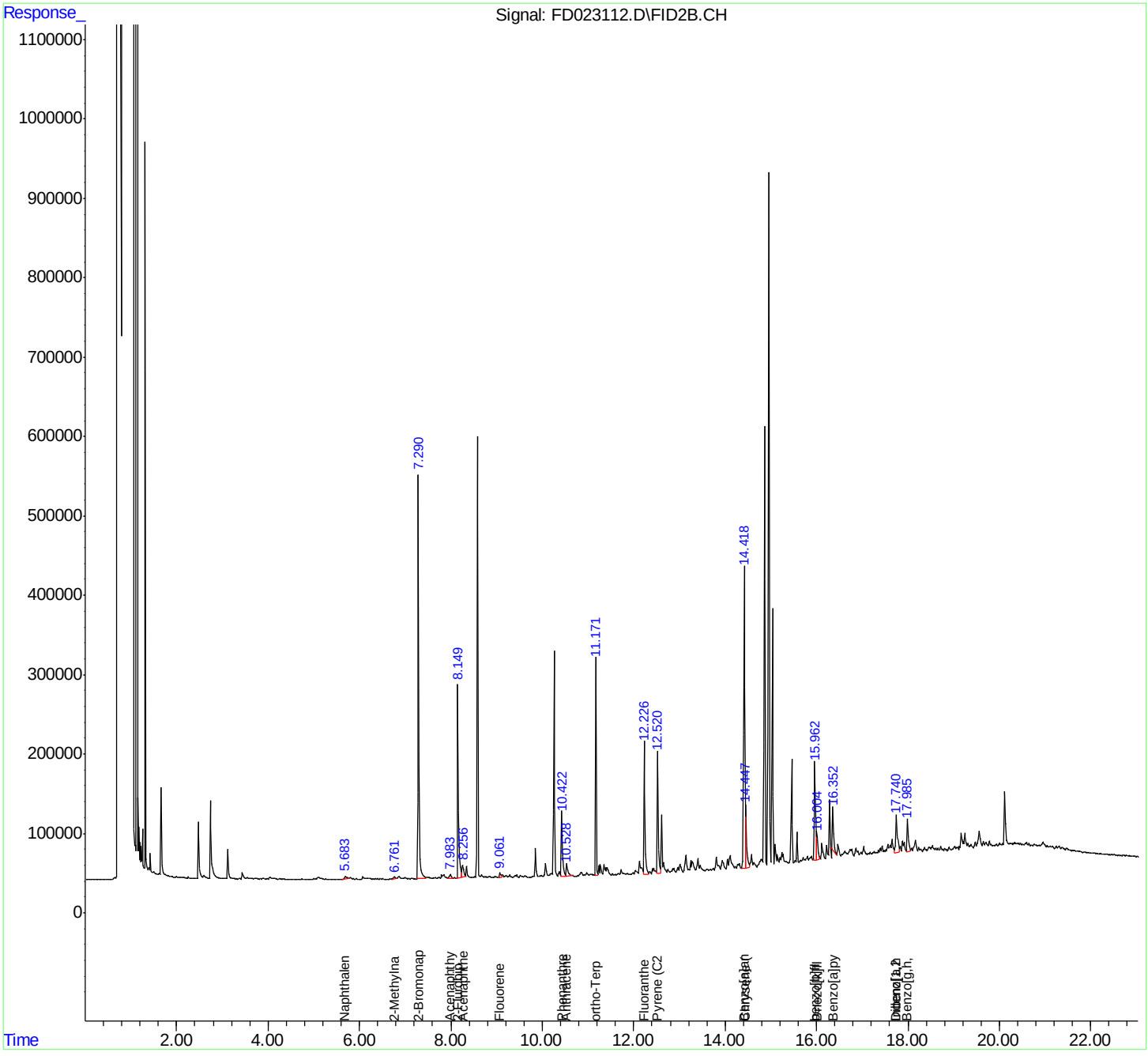
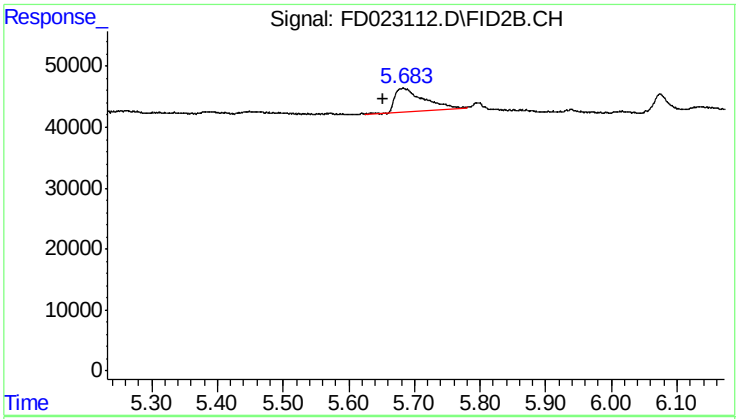
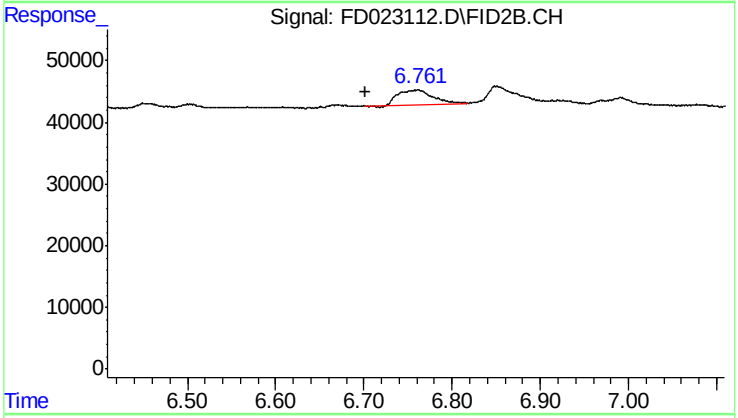




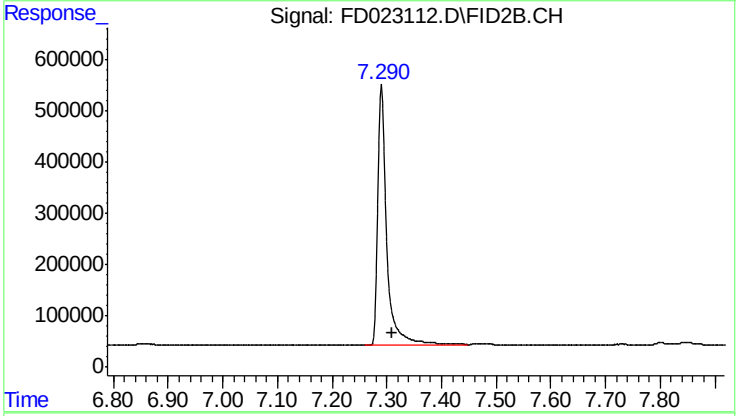
#2 Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: 0.030 min
Response: 113137
Conc: 0.83 ug/ml



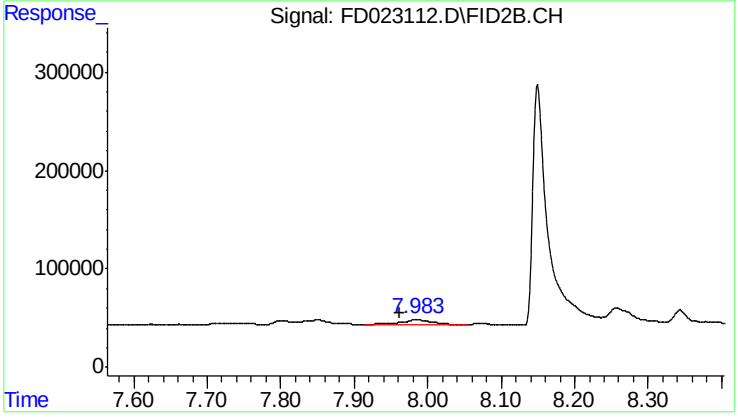
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.059 min
Response: 64439
Conc: 0.47 ug/ml



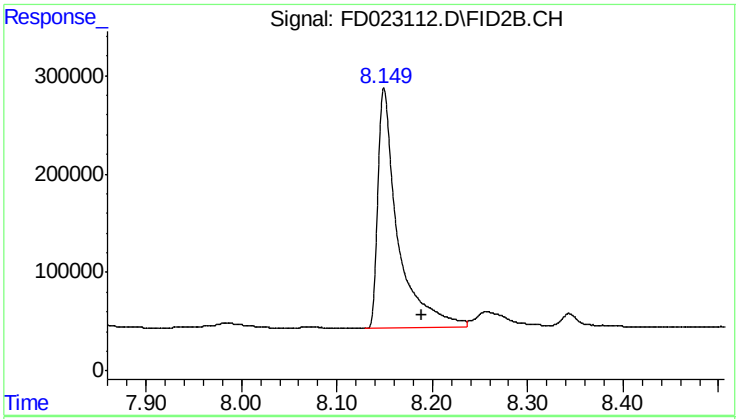
#4 2-Bromonaphthalene (SURR)

R.T.: 7.290 min
Delta R.T.: -0.019 min
Response: 5858362
Conc: 43.20 ug/ml



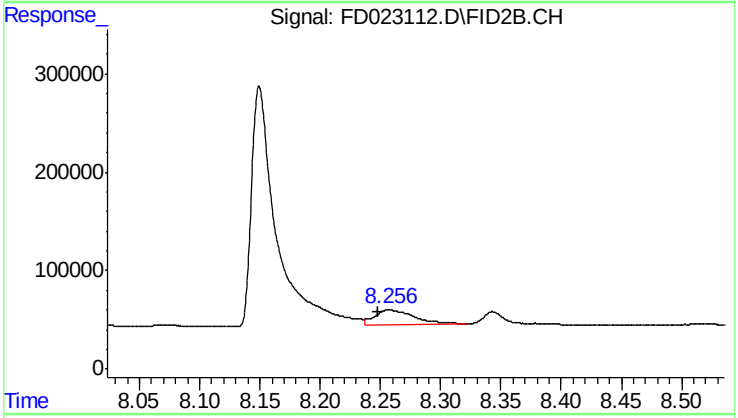
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: 0.022 min
Response: 192159
Conc: 1.31 ug/ml



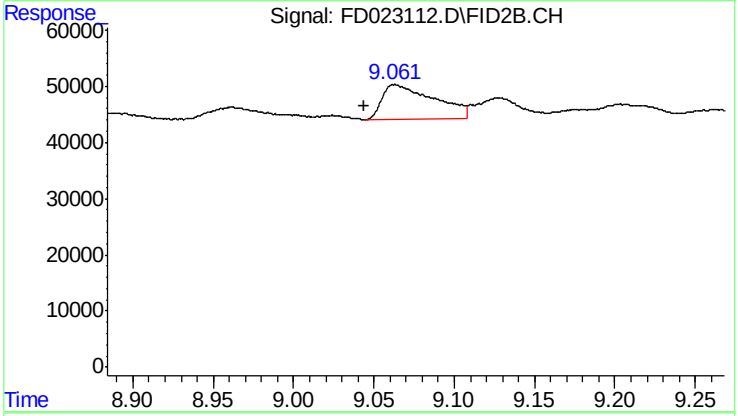
#6 2-Flurobiphenyl (SURR)

R.T.: 8.150 min
Delta R.T.: -0.039 min
Response: 3557133
Conc: 49.91 ug/ml



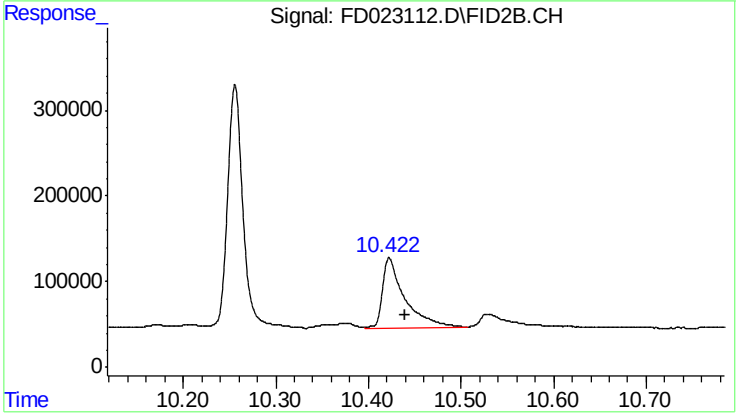
#7 Acenaphthene (C15.5)

R.T.: 8.257 min
Delta R.T.: 0.008 min
Response: 358377
Conc: 2.12 ug/ml



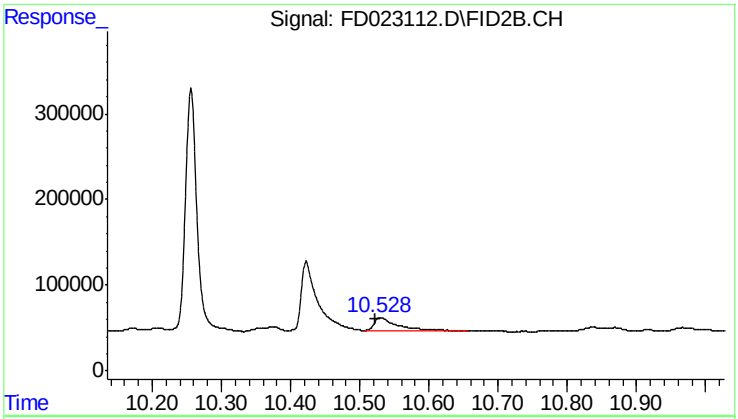
#8 Flouorene (C16.55)

R.T.: 9.063 min
Delta R.T.: 0.019 min
Response: 137029
Conc: 0.96 ug/ml



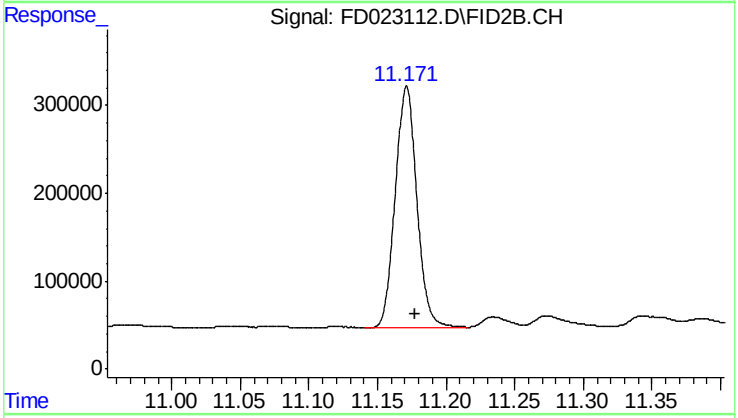
#9 Phenanthrene (C19.36)

R.T.: 10.423 min
Delta R.T.: -0.016 min
Response: 1381156
Conc: 10.41 ug/ml



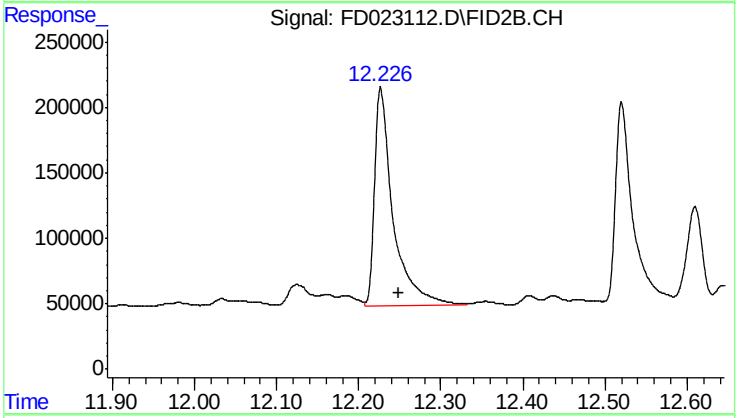
#10 Anthracene (C19.43)

R.T.:	10.529 min
Delta R.T.:	0.006 min
Response:	397465
Conc:	2.84 ug/ml



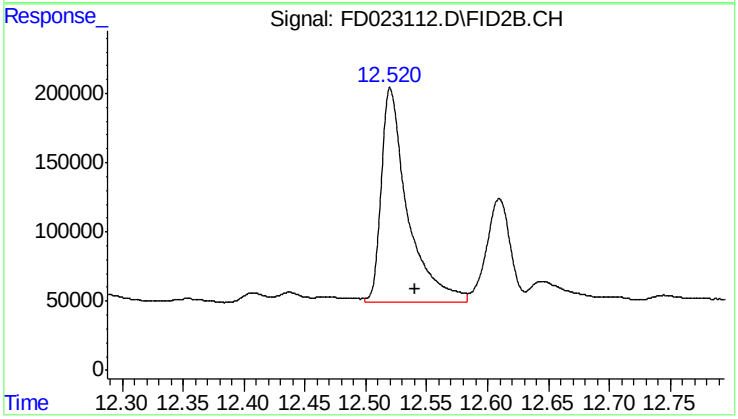
#11 ortho-Terphenyl (SURR)

R.T.:	11.171 min
Delta R.T.:	-0.006 min
Response:	3006552
Conc:	21.51 ug/ml



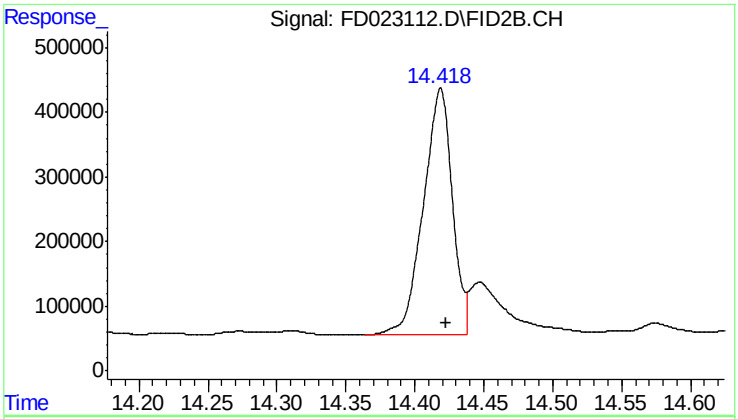
#12 Fluoranthene (C21.85)

R.T.:	12.227 min
Delta R.T.:	-0.022 min
Response:	2618046
Conc:	19.06 ug/ml



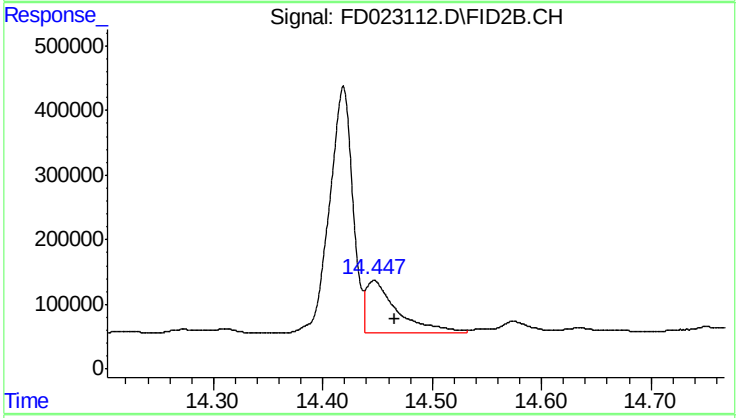
#13 Pyrene (C20.8)

R.T.:	12.520 min
Delta R.T.:	-0.020 min
Response:	2325111
Conc:	16.47 ug/ml



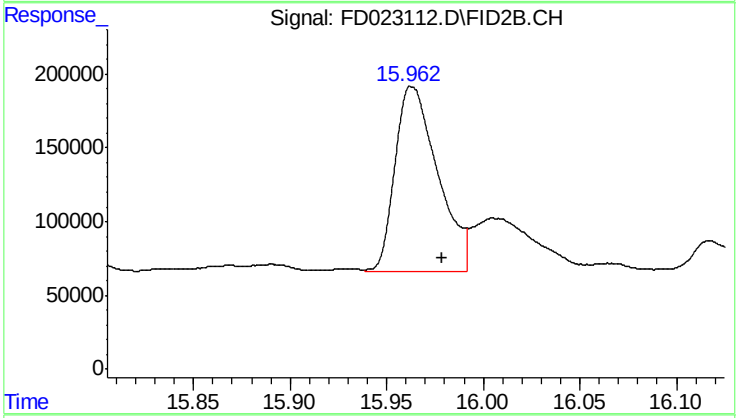
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.004 min
Response: 5565483
Conc: 44.80 ug/ml



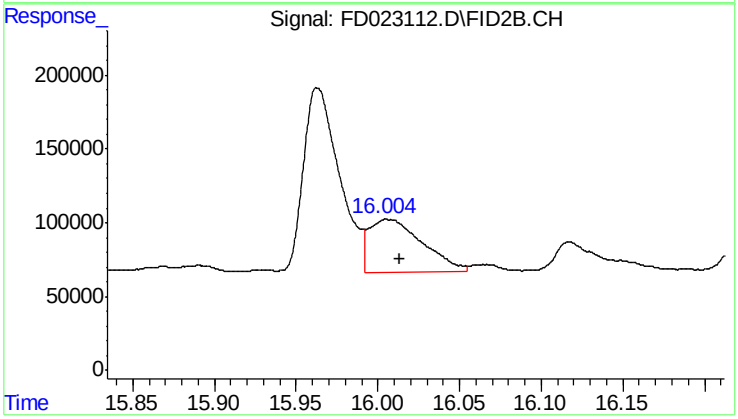
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.019 min
Response: 1605777
Conc: 10.37 ug/ml



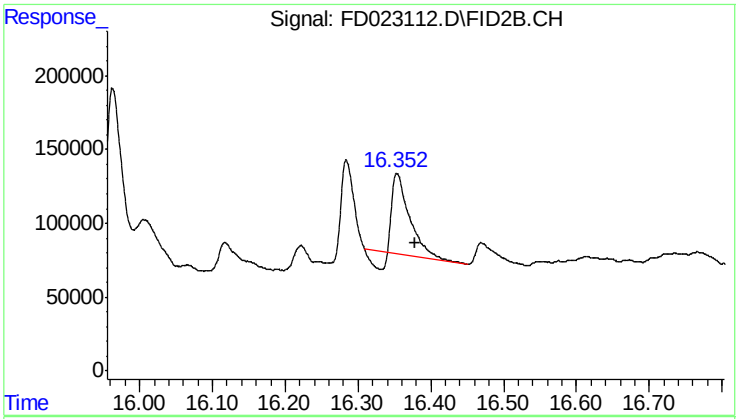
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.963 min
Delta R.T.: -0.015 min
Response: 1912022
Conc: 14.18 ug/ml



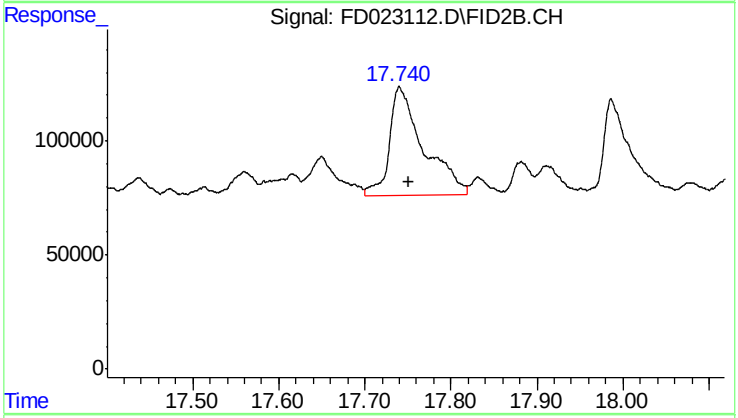
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.008 min
Response: 815445
Conc: 4.94 ug/ml



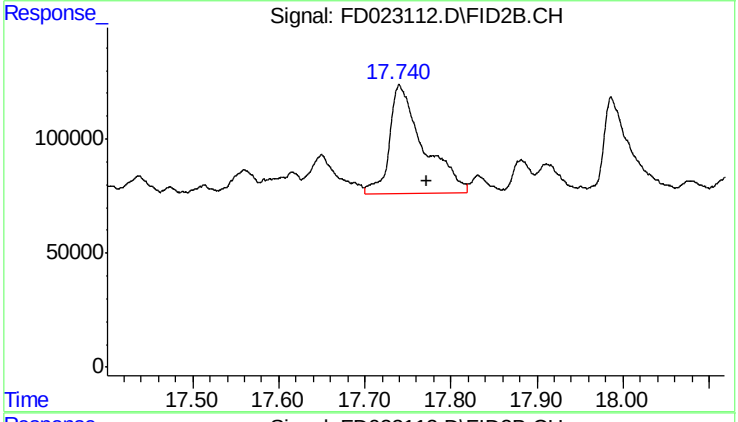
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.026 min
Response: 799043
Conc: 5.54 ug/ml



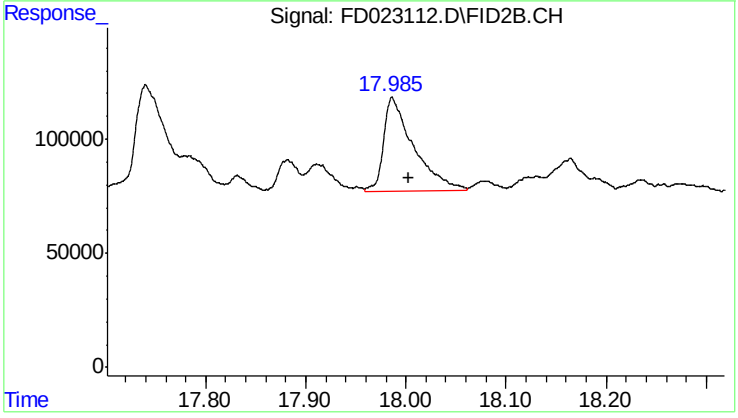
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: -0.011 min
Response: 1328254
Conc: 10.24 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.033 min
Response: 1328254
Conc: 7.98 ug/ml



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

R.T.: 17.986 min
Delta R.T.: -0.017 min
Response: 860427
Conc: 5.81 ug/ml